

**BIBLIOGRAPHIC
INDEX**

1956-1959



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Directions for Using this Index

This index is solely a subject list. Under each subject, books, pamphlets and articles are listed by author. Titles used are those of the book, pamphlet, or article, but the page references are for the bibliographies only. Frequently the bibliography covers a wider field than that of the book indicated in its title. The following sample entries illustrate the order of information given in the references.

SAMPLE ENTRY:
Books and Pamphlets

PRAYER

Thomson, James G. S. S. *Praying Christ; a study of Jesus' doctrine and practice of prayer.* Eerdmans '59 p 153-5

Explanation

A bibliography on prayer will be found in James G. S. S. Thomson's Praying Christ, published by Eerdmans in 1959, on pages 153-155

SAMPLE ENTRY:
Periodical Article

MILK

Flavor and odor

Roberts, W. M. Problems involved in flavor removal. *J Dairy Sci* 42:563 Mr '59

Explanation

A bibliography on the flavor of milk will be found in the periodical "Journal of Dairy Science" volume 42, page 563, the March 1959 issue.



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BIBLIOGRAPHIC INDEX

Cumulated Volumes

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BIBLIOGRAPHIC INDEX

A Cumulative Bibliography
of Bibliographies

1956-1959

EDITED BY
MARGA FRANCK



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PREFACE

The editor acknowledges the assistance of the following in the preparation of this volume: Miss Eugenia Patterson of the New York Public Library, Miss Dorothy Chamberlain of Columbia University Law Library, Mr. Jay K. Lucker of Princeton University Library, and Mr. Benjamin W. Rudd of the Library of Congress.

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MARGA FRANCK

December 1960

Key to Periodical Abbreviations

The Bibliographic Index examines about 1,500 periodicals, regularly for bibliographical material. This is not a list of these periodicals, but simply a key to the periodical abbreviations used in this volume.

- ABCD—Archives, Bibliothèques, Collections, Documentation
 ACPG Newsletter—American Christian Palestine Committee. Newsletter
 AEG Mitt—AEG Mitteilungen
 ALA Bul—American Library Association. Bulletin
 AMA Archives Ind Health—A.M.A. Archives of Industrial Health
 ARS J—ARS Journal
 Formerly Jet Propulsion; name changed January 1959
 Acad Brasil Ciencias Anais—Academia Brasileira de Ciencias. Anais
 Acad Hist Bol—Academia de la Historia, Madrid. Boletín
 Accad Bibl d'Italia—Accademie e Biblioteche d'Italia
 Accounting R—Accounting Review
 Acoust Soc Am J—Acoustical Society of America. Journal
 Acqua—Acqua
 Acta Ag Scand—Acta Agriculturae Scandinavica
 Acta Antiq Acad Scient Hung—Acta Antiqua Academiae Scientiarum Hungaricae
 Acta Bot Neerland—Acta Botanica Neerlandica
 Acta Genet & Stat Med—Acta Genetica et Statistica Medica
 Acta Geog—Acta Geographica
 Acta Hist Art—Magyar Tudományos Akadémia. Acta Historiae Artium
 Acta Math—Acta Mathematica
 Acta Metallurgica—Acta Metallurgica
 Acta Philol Scand—Acta Philologica Scandinavica
 Acta Psychol—Acta Psychologica
 Acta Sociol—Acta Sociologica
 Acta Tech—Magyar Tudományos Akadémia. Acta Technica
 Acustica—Acustica
 Adalbert Stifter Inst Land Oberösterreich Vierteljahrssch—Adalbert Stifter Institut des Landes Oberösterreich. Vierteljahrsschrift
 Adult Educ—Adult Education
 Advanced Management—Advanced Management
 Advancement Sci—Advancement of Science
 Advances Phys—Advances in Physics
 Aero Digest—Aero Digest
 Aero Eng R—Aeronautical Engineering Review
 Aero Q—Aeronautical Quarterly
 Aero/Space Eng—Aero/Space Engineering
 Formerly Aeronautical Engineering Review; name changed May 1958
 Aerospace Med—Aerospace Medicine
 Aerotecnica—Aerotecnica
 African Stud—African Studies
 Ag Chem—Agricultural Chemicals
 Ag Educ Mag—Agricultural Education Magazine
 Ag Eng—Agricultural Engineering
 Ag Hist—Agricultural History
 Ag Hist R—Agricultural History Review
 Agr Univ J Res—Agra. University. Journal of Research
 Agron J—Agronomy Journal
 Agron Trop—Agronomia Tropical
 Air Cond Heat & Ven—Air Conditioning, Heating and Ventilating
 Air Force Mag—Air Force Magazine
 Aircraft Eng—Aircraft Engineering
 Alaska Univ Anthropol Pa—Alaska. University. Anthropological Papers
 Albert Einstein Med Cent J—Albert Einstein Medical Center. Journal
 Algiers Univ Inst Rech Sahar Trav—Algiers (city). Université. Institut de Recherches Sahariennes. Travaux
 Altetum—Altetum
 Am Acad Rome Mem—American Academy in Rome. Memoirs
 Am Ann Deaf—American Annals of the Deaf
 Am Anthropol—American Anthropologist
 Am Antiq—American Antiquity
 Am Antiq Soc Proc—American Antiquarian Society. Proceedings
 Am Archivist—American Archivist
 Am Assn Cereal Chem Trans—American Association of Cereal Chemists. Transactions
 Am Assn Health Phys Educ & Rec J—American Association for Health, Physical Education, and Recreation. Journal
 Am Assn Pet Geol Bul—American Association of Petroleum Geologists. Bulletin
 Am Biol Teach—American Biology Teacher
 Am Cer Soc Bul—American Ceramic Society. Bulletin
 Am Cer Soc J—American Ceramic Society. Journal
 Am Concrete Inst J—American Concrete Institute. Journal
 Am Dial Soc Pub—American Dialect Society. Publications
 Am Diet Assn J—American Dietetic Association. Journal
 Am Doc—American Documentation
 Am Dyestuff Rep—American Dyestuff Reporter
 Am Econ R—American Economic Review
 Am Gas J—American Gas Journal
 Am Geophys Union Trans—American Geophysical Union. Transactions
 Am Germ R—American-German Review
 Am Helicopter Soc J—American Helicopter Society. Journal
 Am Inst Arch J—American Institute of Architects. Journal
 Am Inst Elec Eng Trans—American Institute of Electrical Engineers. Transactions
 Am J Archaeol—American Journal of Archaeology
 Am J Bot—American Journal of Botany
 Am J Clin Nutr—American Journal of Clinical Nutrition
 Am J Individ Psychol—American Journal of Individual Psychology
 Am J Math—American Journal of Mathematics
 Am J Orthopsychiat—American Journal of Orthopsychiatry
 Am J Psychol—American Journal of Psychology
 Am J Pub Health—American Journal of Public Health and the Nation's Health
 Am J Sci—American Journal of Science
 Am J Sociol—American Journal of Sociology
 Am Jewish Year Bk—American Jewish Year Book
 Am Lit—American Literature
 Am Mach—American Machinist
 Am Math Mo—American Mathematical Monthly
 Am Math Soc Bul—American Mathematical Society. Bulletin
 Am Math Soc Trans—American Mathematical Society. Transactions
 Am Meteorol Soc Bul—American Meteorological Society. Bulletin
 Am Micros Soc Trans—American Microscopical Society. Transactions
 Am Midl Natur—American Midland Naturalist
 Am Min—American Mineralogist
 Am Mus Natural Hist Bul—American Museum of Natural History. Bulletin
 Am Mus Teach—American Music Teacher
 Am Natur—American Naturalist
 Am Oil Chem Soc J—American Oil Chemists' Society. Journal
 Am Perfumer & Aromatics—American Perfumer and Aromatics
 Am Pet Inst Proc—American Petroleum Institute. Proceedings
 Am Philos Soc Proc—American Philosophical Society. Proceedings
 Am Philos Soc Trans—American Philosophical Society. Transactions
 Am Pol Sci R—American Political Science Review
 Am Potato J—American Potato Journal
 Am Psychologist—American Psychologist
 Am Scand R—American Scandinavian Review
 Am Sch Bd J—American School Board Journal
 Am Scientist—American Scientist
 Am Slavic R—American Slavic and East European Review
 Am Soc Civil Eng Proc—American Society of Civil Engineers. Proceedings

- Am Soc Hort Sci Proc—American Society for Horticultural Science. Proceedings
 Am Soc Mech Eng Trans—American Society of Mechanical Engineers. Transactions
 Am Soc Naval Eng J—American Society of Naval Engineers. Journal
 Am Soc Test Mat Bul—American Society for Testing Materials. Bulletin
 Am Sociol R—American Sociological Review
 Am Stat Assn J—American Statistical Association. Journal
 Am Vet Med Assn J—American Veterinary Medical Association. Journal
 Am Water Works Assn J—American Water Works Association. Journal
 Amor Lib—Amor di Libro
 Anal Chem—Analytical Chemistry
 Analyst—Analyst
 Anat Anz—Anatomischer Anzeiger
 Anglia—Anglia
 Animal Behaviour—Animal Behaviour
 Ann Ap Biol—Annals of Applied Biology
 Ann Bot—Annals of Botany
 Ann Est—Annales de l'Est
 Ann Géophys—Annales de Géophysique
 Ann Hum Genet—Annals of Human Genetics
 Ann Math—Annals of Mathematics
 Ann Math Stat—Annals of Mathematical Statistics
 Ann Midi—Annales du Midi
 Ann Mo Bot Gard—Annals of the Missouri Botanical Garden
 Ann Normandie—Annales de Normandie
 Anthropol Q—Anthropological Quarterly
 Anthropologie—Anthropologie
 Anthropos—Anthropos
 Antiquariat—Antiquariat
 Antiquity—Antiquity
 Anuario Cult Perú—Anuario Cultural del Perú
 Anz Altertumsw—Anzeiger für die Altertumswissenschaft
 Ap Microbiol—Applied Microbiology
 Arch Rec—Architectural Record
 Archiv Forstw—Archiv für Forstwesen
 Archiv Gesch Buchw—Archiv für Geschichte des Buchwesens
 Archiv Orientforsch—Archiv für Orientforschung
 Archiv Philos—Archiv für Philosophie
 Archiv Reformationsgesch—Archiv für Reformationsgeschichte
 Archiv Schweiz Unterrichtsw—Archiv für das Schweizerische Unterrichtswesen
 Archivar—Archivar
 Archives—Archives (Journal of the British Records Association)
 Archives Bibl & Mus—Archives, Bibliothèques et Musées de Belgique
 Archives Crim Psychodyn—Archives of Criminal Psychodynamics
 Archives Philos—Archives de Philosophie
 Archives Sociol Relig—Archives de Sociologie des Religions
 Archivo Esp Arqueol—Archivo Español de Arqueología
 Archivo Ibero-Americano—Archivo Ibero-Americano
 Archivum Hist Soc Iesu—Archivum Historicum Societatis Iesu
 Arctic—Arctic
 Arith Teach—Arithmetic Teacher
 Ariz Highways—Arizona Highways
 Ariz Q—Arizona Quarterly
 Arkiv Nord Filol—Arkiv för Nordisk Filologi
 Arnold Arbor J—Harvard University. Arnold Arboretum. Journal
 Art Q—Art Quarterly
 Arte Veneta—Arte Veneta
 Artibus Asiae—Artibus Asiae
 Asian Perspect—Asian Perspectives
 Aslib Proc—Aslib Proceedings
 Asoc Colombiana Bibl Bol—Asociación Colombiana de Bibliotecarios. Boletín
 Asoc Costarricense Bibl Bol—Asociación Costarricense de Bibliotecarios. Boletín
 Assn Am Geog Ann—Association of American Geographers. Annals
 Assn Bar City New York Rec—Association of the Bar of the City of New York. Record
 Assn Bibl Français Bul Inf—Association des Bibliothécaires Français. Bulletin d'Information
 Assn Comput Mach J—Association for Computing Machinery. Journal
 Astron Acta—Astronautica Acta
 Atomic Energy Law J—Atomic Energy Law Journal
 Audio-Visual Commun R—Audio-Visual Communication Review
 Augustiniana—Augustiniana
 Auk—Auk
 Aumla—Australian Universities Modern Language Association. Journal
 Aurora—Aurora; Eichendorff-Almanach
 Australian Inst Ag Sci J—Australian Institute of Agricultural Science. Journal
 Australian J Ag Res—Australian Journal of Agricultural Research
 Australian J Ap Sci—Australian Journal of Applied Science
 Australian J Biol Sci—Australian Journal of Biological Sciences
 Australian J Bot—Australian Journal of Botany
 Australian J Marine & Freshwater Res—Australian Journal of Marine and Freshwater Research
 Australian J Psychol—Australian Journal of Psychology
 Australian J Zool—Australian Journal of Zoology
 Bact R—Bacteriological Reviews
 Bal Sheet—Balance Sheet
 Banking—Banking
 Basler Z Gesch & Altertumsk—Basler Zeitschrift für Geschichte und Altertumskunde
 Behaviour—Behaviour
 Bell System Tech J—Bell System Technical Journal
 Bibl Forsk Arbok—Bibliotek og Forskning Arbok
 Bibl Forsk—Formerly Norsk Arbok for Bibliotek og Forskning
 Bibl Humanisme & Renaissance—Bibliothèque d'Humanisme et Renaissance
 Biblio—Biblio
 Bibliofilia—Bibliofilia
 Bibliog Genet—Bibliographia Genetica
 Bibliog Notes Williams—Bibliographical Notes from Williams
 Bibliog Soc Am Pa—Bibliographical Society of America. Papers
 Biblioteconomia—Biblioteconomia
 Bibliotheck—Bibliothek
 Bibliothekar—Bibliothekar
 Biblos—Biblos; Österreichische Zeitschrift für Buch- und Bibliothekswesen. Dokumentation. Bibliographie und Bibliophilie
 Biol Bul—Biological Bulletin
 Biologist—Biologist
 Bklist—American Library Association. Booklist
 Bks U S A—Books from the U.S.A.
 Blast Furn & Steel Plant—Blast Furnace and Steel Plant
 Bol Bibliog—Lima. Universidad de San Marcos. Biblioteca. Boletín Bibliográfico
 Bol Filol—Boletim de Filologia
 Bol Mus Ciencias Natur—Caracas. Museo de Ciencias Naturales. Boletín
 Bol Paulista Geog—Boletim Paulista de Geografia
 Bol Psicol & Sociol App—Bollettino di Psicologia e Sociologia. Applicate
 Boston Soc Civil Eng J—Boston Society of Civil Engineers. Journal
 Bot Gaz—Botanical Gazette
 Bot R—Botanical Review
 Boyce Thompson Inst Contrib—Boyce Thompson Institute. Contributions
 Brazil Fomento Prod Min Bol—Brazil. Fomento da Produção mineral. Boletim
 Brit Acad Proc—British Academy. London. Proceedings
 Brit Cast Iron Res Assn Bul—British Cast Iron Research Association. Bulletin
 Brit Grassland Soc J—British Grassland Society. Journal
 Brit Inst Radio Eng J—British Institution of Radio Engineers. Journal
 Brit J Animal Behaviour—British Journal of Animal Behaviour
 Brit J Delinq—British Journal of Delinquency
 Brit J Educ Psychol—British Journal of Educational Psychology
 Brit J Sociol—British Journal of Sociology
 Brit Nucl Energy Conf J—British Nuclear Energy Conference. Journal
 Broadcasting-Telecasting—Broadcasting-Telecasting
 Bsns & Tech Sources—Business and Technology Sources
 Bsns Hist R—Business History Review
 Bsns Inf Sources—Business Information Sources
 Bsns Lit—Business Literature
 Buffalo Soc Natural Sci Bul—Buffalo Society of Natural Sciences. Bulletin
 Bul Bibl France—Bulletin des Bibliothèques de France
 Bul Bibliog—Bulletin of Bibliography
 Bul Biol France & Belgique—Bulletin Biologique de la France et de la Belgique
 Bul Educ—Kansas. University. School of education. Bulletin of education

Bul Hispan—Bulletin Hispanique
 Bul Hist Med—Bulletin of the History of Medicine
 Bul Marine Sci Gulf & Carib—Bulletin of Marine Science of the Gulf and Caribbean
 Burl Mag—Burlington Magazine
 Butler Univ Bot Stud—Butler University. Botanical Studies

CERN—European Organization for Nuclear Research. CERN
 C L A J—C L A Journal (College Language Association)

Cables & Transmission—Cables et Transmission
 Calif Dept Ag Bul—California. Department of Agriculture. Bulletin

Calif J Sec Educ—California Journal of Secondary Education

Calif Pub Survey—California Public Survey
 Calif Sch—California Schools

Cambridge Philos Soc Biol R—Cambridge Philosophical Society. Biological Review and Biological Proceedings

Camp Mag—Camping Magazine
 Can Entom—Canadian Entomologist

Can J Ag Sci—Canadian Journal of Agricultural Science

Can J Animal Sci—Canadian Journal of Animal Science

Can J Bot—Canadian Journal of Botany

Can J Math—Canadian Journal of Mathematics

Can J Microbiol—Canadian Journal of Microbiology

Can J Plant Sci—Canadian Journal of Plant Science

Can J Psychol—Canadian Journal of Psychology

Can J Soil Sci—Canadian Journal of Soil Science

Can J Zool—Canadian Journal of Zoology

Can Min & Met Bul—Canadian Mining and Metallurgical Bulletin

Can Mus J—Canadian Music Journal

Can Nat Mus Bul—Canada. National Museum of Canada. Bulletin

Cancer Res—Cancer Research

Carmelus—Carmelus

Casopis Mod Filol—Casopis pro Moderní Filologii

Cath Lib World—Catholic Library World

Cath Sch J—Catholic School Journal

Catholica—Catholica

Caucasian R—Caucasian Review

Centaurus—Centaurus

Cer Ind—Ceramic Industry

Cereal Chem—Cereal Chemistry

Chem & Indus—Chemistry & Industry

Chem Eng—Chemical Engineering

Chem Eng Prog—Chemical Engineering Progress

Chem R—Chemical Reviews

Chem Tech—Chemische Technik

Chemie-ingenieur-technik—Chemie-ingenieur-technik

Chicago Sch J—Chicago Schools Journal

Child Develop—Child Development

Child Study—Child Study

Childh Educ—Childhood Education

Church Hist—Church History

Ciba R—Ciba Review

Civil Eng—Civil Engineering

Coll & Res Lib—College and Research Libraries

Coll & Univ—College and University

Coll Art J—College Art Journal

Coll Bible Q—College of the Bible Quarterly

Coll Engl—College English

Colo Sch Mines Mineral Ind Bul—Colorado School of Mines. Mineral Industries Bulletin

Colo Sch Mines Q—Colorado School of Mines. Quarterly

Comm Pure & Ap Math—Communications on Pure and Applied Mathematics

Commentarii Math Helvetici—Commentarii Mathematici Helvetici

Commonweal—Commonweal

Computers & Automation—Computers and Automation

Connoisseur—Connoisseur

Cornell Vet—Cornell Veterinarian

Corrosion—Corrosion

Crisis—Crisis

Critique—Critique

Cuadernos Estud Gallegos—Cuadernos de Estudios Gallegos

Daedalus—Daedalus

Deep Sea Res—Deep Sea Research

Del Notes—Delaware Notes

Denison Univ Sci Lab J—Denison University. Scientific Laboratories. Journal

Deutsch Bot Ges Berichte—Deutsche Botanische Gesellschaft. Berichte

Deutsch Dante-Jahrb—Deutsches Dante-Jahrbuch

Deutsch Jahrb Volkskunde—Deutsches Jahrbuch für Volkskunde

Deutsch Vierteljahrs Literaturw & Geistesgesch—Deutsche Vierteljahrsschrift für Literaturwissenschaft und Geistesgeschichte

Deutschunterricht—Deutschunterricht

Dial Belg-Rom—Dialectes Belgo-Romans

Drug & Cosmetic Ind—Drug and Cosmetic Industry

Dum Oaks Pa—Harvard University. Dumbarton Oaks Research Library and Collection, Washington, D. C. Dumbarton Oaks Papers

Dumasian—Dumasian

East Turkic R—East Turkic Review

Ecology—Ecology

Econ Bot—Economic Botany

Econ Bul Latin Am—Economic Bulletin for Latin America

Econ Develop & Cultur Change—Economic Development and Culture Change

Econ Geol—Economic Geology

Econ Hist R—Economic History Review

Econometrica—Econometrica

Educ Adm & Sup—Educational Administration and Supervision

Educ & Psychol Meas—Educational and Psychological Measurement

Educ Forum—Educational Forum

Educ Horizons—Educational Horizons

Educ Rec—Educational Record

Educ Res Bul—Educational Research Bulletin

Educ Theatre J—Educational Theatre Journal

Education—Education

El Engl—Elementary School

El Sch J—Elementary School Journal

Elec Com—Electrical Communication

Elec Eng—Electrical Engineering

Elec J—Electrical Journal

Elec Manuf—Electrical Manufacturing

Electrochem Soc J—Electrochemical Society. Journal

Electronic & Radio Eng—Electronic & Radio Engineer

Formerly Wireless Engineer; name changed January 1957

Electronic Eng—Electronic Engineering

Electronic Ind—Electronic Industries

Electronics—Electronics

Elisha Mitchell Sci Soc J—Elisha Mitchell Scientific Society. Journal

Emporia St Res Stud—Emporia State Research Studies

Eng & Min J—Engineering and Mining Journal

Engineer—Engineer

Engineering—Engineering

Engl Hist R—English Historical Review

Engl J—English Journal

Engl Rec—English Record

Entom Soc Am Ann—Entomological Society of America. Annals

Erde—Erde

Erdkunde—Erdkunde

Ergeb Exakt Naturw—Ergebnisse der Exakten Naturwissenschaften

Ergeb Math—Ergebnisse der Mathematik und ihrer Grenzgebiete

Estud Am—Estudios Americanos

Etud Bergsonniennes—Etudes Bergsonniennes

Etud Philos—Les Etudes Philosophiques

Etude—Etude

Eugenics Q—Eugenics Quarterly

Euphorion—Euphorion

Euphytica—Euphytica

Europe—Europe

European—European

Evolution—Evolution

Excep Child—Exceptional Children

Explor Entrepreneurial Hist—Harvard University. Research Center in Entrepreneurial History. Explorations in Entrepreneurial History

Far East Q—Far Eastern Quarterly

Name changed to Journal of Asian Studies with November 1956

Field & Lab—Field and Laboratory

Fla Acad Sci Q J—Florida Academy of Sciences. Quarterly Journal

Food Eng—Food Engineering

Food Res—Food Research

Food Tech—Food Technology

For Comm W—Foreign Commerce Weekly

Foreign Service J—Foreign Service Journal

Fortss Gebiet Röntgenstrahl & Nuklearmed—
Fortschritte auf dem Gebiete der Röntgen-
strahlen und der Nuklearmedizin
Foundry—Foundry
Franklin Inst J—Franklin Institute. Journal
Freiburger Z Philos & Theol—Freiburger
Zeitschrift für Philosophie und Theologie
French Hist Stud—French Historical Studies
French Stud—French Studies
Fuller Lib Bul—Fuller Library Bulletin

Ga Local Gov J—Georgia Local Government
Journal
Gas Age—Gas Age
Gaz Beaux-Arts—Gazette des Beaux-Arts
Gazette—Gazette (Leiden)
Genetics—Genetics
Geochimica & Cosmochimica Acta—Geochimica
& Cosmochimica Acta
Geog Ann—Geografisker Annaler
Geog Gesell Hamburg Mitt—Geographische
Gesellschaft, Hamburg, Mitteilungen
Geog J—Geographical Journal (Royal Geo-
graphical Society of London)
Geog R—Geographical Review
Geol Mag—Geological Magazine
Geol Soc Am Bul—Geological Society of Amer-
ica. Bulletin
Geol Soc Am Proc—Geological Society of
America. Proceedings
Geol Soc Glasgow Trans—Geological Society of
Glasgow. Transactions
Geol Soc Lond Q J—Geological Society of Lon-
don. Quarterly Journal
Geol Soc S Africa Trans—Geological Society
of South Africa. Transactions
Geophys Prosp—Geophysical Prospecting
Geophysics—Geophysics
Germ-Roman Monatssch—Germanisch-Romani-
stische Monatsschrift
Germanic R—Germanic Review
Ges Gesch & Bibliog Brauwes Jahrb—Gesell-
schaft für die Geschichte und Bibliographie
des Brauwesens. Jahrbuch
Giorn Econ—Giornale degli Economisti
Glass Ind—Glass Industry
Glotta—Glotta
Goethe—Goethe
Grana Palynologica—Grana Palynologica
Graphis—Graphis
Group Therapy—Group Therapy
Guilds' Eng—Guilds' Engineer
Gutenberg Jahrb—Gutenberg Jahrbuch
Gymnasium—Gymnasium

Halle Univ Wiss Z Gesellsch & Sprachw Reihe
—Halle. Universität. Wissenschaftliche Zeit-
schrift. Gesellschafts- und Sprachwissen-
schaftliche Reihe
Halle Univ Wiss Z Math Naturw Reihe—Halle.
Universität. Wissenschaftliche Zeitschrift.
Mathematisch-Naturwissenschaftliche Reihe
Harper—Harper's Magazine
Harvard Bsns R—Harvard Business Review
Harvard Educ R—Harvard Educational Review
Harvard J Asiatic Stud—Harvard Journal of
Asiatic Studies
Harvard Lib Bul—Harvard Library Bulletin
Heating Piping—Heating, Piping & Air Con-
ditioning
Heredity—Heredity
Hesperia—Hesperia
Hespérís—Hespérís; Archives Berbères et Bul-
letin de l'Institut des Hautes Etudes Maro-
caines
High Sch J—High School Journal
Higher Educ—Higher Education
Hilgardia—Hilgardia
Hispan Am Hist R—Hispanic American Histor-
ical Review
Hispan R—Hispanic Review
Hispan Sacra—Hispania Sacra
Hispania—Hispania
Hist Bul—Historical Bulletin
Hist Judaica—Historia Judaica
Hist Stud Aus & N Z—Historical Studies: Aus-
tralia and New Zealand
Hist Verein Kant Bern Archiv—Historischer
Verein des Kantons Bern. Archiv
Hist Verein Oberpfalz & Regensburg Verh—
Historischer Verein Oberpfalz und Regens-
burg. Verhandlungen
Historia—Historia
Hochsch Arch & Bauw Wiss Z—Weimar. Hoch-
schule für Architektur und Bauwesen. Wissen-
schaftliche Zeitschrift

Hölderlin-Jahrb—Hölderlin-Jahrbuch
Horn Bk—Horn Book
House Beautiful—House Beautiful
Human Factors—Human Factors
Human Organ—Human Organization
Human Relations—Human Relations
Humanitas—Humanitas

I S A J—ISA Journal (Instrument Society of
America)
Ill Engl Bul—Illinois English Bulletin
Ill Sch Board J—Illinois School Board Journal
Illum Eng—Illuminating Engineering
Improving Coll & Univ Teach—Improving Col-
lege and University Teaching
Ind & Ap Math—Industrial & Applied Mathe-
matics
Ind & Eng Chem—Industrial and Engineering
Chemistry
Ind & Prod Bul—Industrialization and Produc-
tivity Bulletin
Ind Arts & Voc Educ—Industrial Arts and Vo-
cational Education
Ind Develop & Manuf Rec—Industrial Develop-
ment and Manufacturers Record
Ind Med—Industrial Medicine and Surgery
Ind Univ Sch Ed Bul—Indiana. University.
School of Education. Bulletin
Indian Acad Sci Proc—Indian Academy of Sci-
ence. Proceedings
Indian J Ag Sci—Indian Journal of Agricultural
Science
Indian J Vet Sci & Animal Husbandry—Indian
Journal of Veterinary Science and Animal
Husbandry
Indian Libn—Indian Librarian
Inf Hist—Information Historique
Inf Litt—Information Littéraire
Insectes Soc—Insectes Sociaux
Inst Civil Eng Proc—Institute of Civil Engi-
neers. Proceedings
Inst Elec Eng Proc—Institution of Electrical
Engineers. Proceedings
Inst Eng & Shipbuilders Scot Trans—Institu-
tion of Engineers and Shipbuilders in Scot-
land. Transactions
Inst Eng Australia J—Institution of Engineers,
Australia. Journal
Inst Fuel J—Institute of Fuel. Journal
Inst Min & Met Trans—Institution of Mining
and Metallurgy. Transactions
Inst Min Eng Trans—Institution of Mining
Engineers. Transactions
Inst Öster Geschichtsforsch Mitt—Institut für
österreichische Geschichtsforschung. Mitteil-
ungen
Inst Radio Eng Proc—Institute of Radio Engi-
neers. Proceedings
Inst Radio Eng Trans AC—Institute of Radio
Engineers. Transactions on Automatic Control
Inst Radio Eng Trans AP—Institute of Radio
Engineers. Transactions on Antennas and
Propagation
Inst Radio Eng Trans CP—Institute of Radio
Engineers. Transactions on Component Parts
Inst Radio Eng Trans CT—Institute of Radio
Engineers. Transactions on Circuit Theory
Inst Radio Eng Trans EC—Institute of Radio
Engineers. Transactions on Electronic Com-
puters
Inst Radio Eng Trans IE—Institute of Radio
Engineers. Transactions on Industrial Elec-
tronics
Inst Radio Eng Trans MTT—Institute of Radio
Engineers. Transactions on Microwave Theory
and Techniques
Inst Radio Eng Trans TRC—Institute of Radio
Engineers. Transaction on Telemetry and
Remote Control
Inst Radio Eng Trans VC—Institute of Radio
Engineers. Transactions on Vehicular Com-
munications
Instr & Autom—Instruments & Automation
Int Comp Law Q—International and Compar-
ative Law Quarterly
Int Inst Soc Hist Bul—International Institute
of Social History. Bulletin
Int J—International Journal (Canadian insti-
tute of international affairs)
Int J Ap Rad & Isotopes—International Jour-
nal of Applied Radiation and Isotopes
Int Labour R—International Labour Review
Int Organ—International Organization
Int R Adm Sci—International Review of Ad-
ministrative Sciences
Int R Community Develop—International Re-
view of Community Development
Int Ship Prog—International Shipbuilding Prog-
ress
Int Social Serv R—International Social Service
Review

Interpretation—Interpretation
 Iowa St Coll J Sci—Iowa State College Journal of Science
 Irish Hist Stud—Irish Historical Studies
 Iron & Steel Eng—Iron and Steel Engineer
 Isis—Isis
 Islam—Islam
 Israel Explor J—Israel Exploration Journal
 Ist Patologia Libro Boll—Istituto di Patologia del Libro, Bollettino

J Abnorm & Social Psychol—Journal of Abnormal and Social Psychology
 J Account—Journal of Accountancy
 J Aero Sci—Journal of the Aeronautical Sciences
 J Aero/Space Sci—Journal of the Aero/Space Sciences
 Formerly Journal of the Aeronautical Sciences; name changed July 1958
 J Aesthetics—Journal of Aesthetics & Art Criticism
 J Ag Sci—Journal of Agricultural Science
 J Air Law & Com—Journal of Air Law and Commerce
 J Anal Psychol—Journal of Analytical Psychology
 J Analyse Math—Journal d'Analyse Mathématique
 J Animal Sci—Journal of Animal Science
 J Ap Chem—Journal of Applied Chemistry
 J Ap Psychol—Journal of Applied Psychology
 J Asian Stud—Journal of Asian Studies
 Formerly Far Eastern Quarterly; name changed November 1956
 J Asiatique—Journal Asiatique
 J Aviation Med—Journal of Aviation Medicine
 Name changed to Aerospace Medicine with June 1959
 J Bact—Journal of Bacteriology
 J Bibl & Rel—Journal of Bible and Religion
 J Broadcasting—Journal of Broadcasting
 J Bsns Educ—Journal of Business Education
 J Cent Eur Affairs—Journal of Central European Affairs
 J Chem Educ—Journal of Chemical Education
 J Child Psychiat—Journal of Child Psychiatry
 J Clin Psychol—Journal of Clinical Psychology
 J Comp & Physiol Psychol—Journal of Comparative and Physiological Psychology
 J Consult Psychol—Journal of Consulting Psychology
 J Dairy Sci—Journal of Dairy Science
 J Develop Read—Journal of Developmental Reading
 J Doc—Journal of Documentation (Aslib)
 J East Asiatic Stud—Journal of East Asiatic Studies
 J Ecclesiast Hist—Journal of Ecclesiastical History
 J Ecol—Journal of Ecology
 J Econ Entom—Journal of Economic Entomology
 J Econ Hist—Journal of Economic History
 J Educ—Journal of Education
 J Educ Psychol—Journal of Educational Psychology
 J Educ Res—Journal of Educational Research
 J Educ Sociol—Journal of Educational Sociology
 J Egypt Archaeol—Journal of Egyptian Archaeology
 J Eng Educ—Journal of Engineering Education
 J Engl & Germ Philol—Journal of English and German Philology
 J Exp Educ—Journal of Experimental Education
 J Exp Psychol—Journal of Experimental Psychology
 J Exp Zool—Journal of Experimental Zoology
 J Farm Econ—Journal of Farm Economics
 J For—Journal of Forestry
 J Gen Educ—Journal of General Education
 J Gen Psychol—Journal of General Psychology
 J Genet Psychol—Journal of Genetic Psychology
 J Geog—Journal of Geography
 J Geol—Journal of Geology
 J Geophys Res—Journal of Geophysical Research
 J Glaciol—Journal of Glaciology
 J Health Phys Educ Rec—Journal of Health, Physical Education, Recreation
 J Hell Stud—Journal of Hellenic Studies
 J Heredity—Journal of Heredity
 J Higher Educ—Journal of Higher Education
 J Hist Ideas—Journal of the History of Ideas
 J Hist Med—Journal of the History of Medicine and Allied Sciences
 J Home Econ—Journal of Home Economics
 J Hort Sci—Journal of Horticultural Science
 J Ind Eng—Journal of Industrial Engineering

J Marine Res—Journal of Marine Research
 J Marketing—Journal of Marketing
 J Math & Mech—Journal of Mathematics and Mechanics
 J Math & Physics—Journal of Mathematics and Physics
 J Metals—Journal of Metals
 J Meteorol—Journal of Meteorology
 J Milk & Food Tech—Journal of Milk and Food Technology
 J Morphol—Journal of Morphology
 J Nutrition—Journal of Nutrition
 J Paleont—Journal of Paleontology
 J Parasitol—Journal of Parasitology
 J Personality—Journal of Personality
 J Pet Tech—Journal of Petroleum Technology
 J Pol Econ—Journal of Political Economy
 J Psychol—Journal of Psychology
 J Relig—Journal of Religion
 J Res Music Educ—Journal of Research in Music Education
 J Res Nat Bur Stand—Journal of Research of the National Bureau of Standards
 J Rom Stud—Journal of Roman Studies
 J Sch Health—Journal of School Health
 J Sed Petrol—Journal of Sedimentary Petrology
 J Social Issues—Journal of Social Issues
 J Social Psychol—Journal of Social Psychology
 J Speech & Hear Dis—Journal of Speech and Hearing Disorders
 J Teach Educ—Journal of Teacher Education
 J Wildlife Mgt—Journal of Wildlife Management
 Jahrb Amerikastud—Jahrbuch für Amerika-studien
 Jahrb Ästhetik & Allgem Kunstw—Jahrbuch für Ästhetik und Allgemeine Kunstwissenschaft
 Jahrb Brem Wiss—Jahrbuch der Bremischen Wissenschaft
 Jahrb Gesch Osteurop—Jahrbücher für Geschichte Osteuropas
 James Joyce R—James Joyce Review
 Japan J Geol & Geog—Japanese Journal of Geology and Geography
 Jet Propulsion—Jet Propulsion
 Name changed to ARS Journal with January 1959
 Jewish Frontier—Jewish Frontier
 Jewish Q—Jewish Quarterly Review
 Jewish Social Stud—Jewish Social Studies
 John Rylands Lib Bul—John Rylands Library Bulletin
 Journalism Q—Journalism Quarterly
 Jr Bkshef—Junior Bookshelf

Keats-Shelley J—Keats-Shelley Journal
 Kölner Z Soziol & Sozialpsychol—Kölner Zeitschrift für Soziologie und Sozialpsychologie
 Königsberg Univ Jahrb—Königsberg, Universität, Jahrbuch
 Könyvtáros—Könyvtáros
 Kunstgesch Anz—Kunstgeschichtliche Anzeigen
 Ky Acad Sci Trans—Kentucky Academy of Science, Transactions
 Ky Foreign Lang Q—Kentucky Foreign Language Quarterly
 Ky Hist Soc Rec—Kentucky Historical Society, Register

La Lib Assn Bul—Louisiana Library Association, Bulletin
 Landw Forsch—Landwirtschaftliche Forschung
 Lantbruksakad Tids—K. Lantbruksakademien, Tidskrift
 Law Lib J—Law Library Journal
 Leo Baeck Inst Jews Germ Yrbk—Leo Baeck Institute of Jews from Germany, Yearbook
 Lett Mod—Lettérature Moderne
 Lib Assn Rec—Library Association Record
 Lib Counselor—Library Counselor
 Lib J—Library Journal
 Lib Q—Library Quarterly
 Lib Resources & Tech Serv—Library Resources & Technical Services
 Lib Trends—Library Trends
 Librarian—Librarian
 Lib World—Library World
 Libro Esp—Libro Español
 Limnol & Oceanog—Limnology and Oceanography
 Liturg Arts—Liturgical Arts
 Lloydia—Lloydia
 Lond Math Soc J—London Mathematical Society, Journal

Lond Math Soc Proc—London Mathematical Society. Proceedings
 London Univ Inst Hist Res Bul—London University. Institute of Historical Research. Bulletin
 Luther-Jahrb—Luther-Jahrbuch

McCall's—McCall's
 Madras Univ J—Madras University. Journal
 Manchester R—Manchester Review
 Maritime Lib Assn Bul—Maritime Library Association. Bulletin
 Marriage & Fam Living—Marriage and Family Living
 Maske & Kothurn—Maske & Kothurn
 Masterkey—Masterkey
 Materials & Methods—Materials and Methods
 Materials in Design Eng—Materials in Design Engineering
 Formerly Materials and Methods; name changed July 1957
 Math Mag—Mathematics Magazine
 Math Mag—Mathematics Magazine
 Math Teach—Mathematics Teacher
 Mathematika—Mathematika
 Mech Eng—Mechanical Engineering
 Med Lib Assn Bul—Medical Library Association. Bulletin
 Mélanges Univ Saint Joseph—Beirut. Université St Joseph. Faculté orientale. Mélanges
 Mental Hyg—Mental Hygiene
 Mercksche Familienz—Mercksche Familienzeitschrift
 Metal Finish—Metal Finishing
 Metal Prog—Metal Progress
 Metallurgia—Metallurgia
 Meteoritics—Meteoritics
 Meteorol Abst & Bibliog—Meteorological Abstracts and Bibliography
 Meteorol & Geophysics—Meteorology & Geophysics
 Meteorol Mag—Meteorological Magazine
 Mich Math J—Michigan Mathematical Journal
 Microcard Bul—Microcard Bulletin
 Micropaleontology—Micropaleontology
 Mid J—Midwest Journal
 Middle East J—Middle East Journal
 Min Eng—Mining Engineering
 Min Mag—Mining Magazine (London)
 Miss Val Hist R—Mississippi Valley Historical Review
 Mod Fict Stud—Modern Fiction Studies
 Mod Lang J—Modern Language Journal
 Mod Lang Q—Modern Language Quarterly
 Mod Lang R—Modern Language Review
 Mod Packaging—Modern Packaging
 Mod Philol—Modern Philology
 Mod Plastics—Modern Plastics
 Mod Textiles—Modern Textiles
 Monatshefte—Monatshefte
 Monumenta Serica—Monumenta Serica
 Mountaineer—Mountaineer
 Mousaion—Mousaion
 Munic Util Mag—Municipal Utilities Magazine
 Mus & Lett—Music and Letters
 Mus Lib Assn Notes—Music Library Association. Notes
 Mus Mod Art Bul—Museum of Modern Art. Bulletin
 Mus Q—Musical Quarterly
 Museum (Newark)—Museum, Newark
 Mycologia—Mycologia

NAAS Q R—Great Britain. National Agricultural Advisory Service. Quarterly Review
 NACA Bul—National Association of Cost Accountants. Bulletin
 NEA J—National Education Association of the United States. Journal
 NPPA J—National Probation and Parole Association. Journal
 N J Bsns—New Jersey Business
 N J Sch Libn—New Jersey School Librarian
 N Y Acad Sci Ann—New York Academy of Sciences. Annals
 N Y Acad Sci Trans—New York Academy of Sciences. Transactions
 N Y Hist—New York History
 N Y Hist Soc Q—New York Historical Society. Quarterly
 N Y Pub Lib Br Lib Bk News—New York (city). Public Library. Branch Library Book News
 N Y Pub Lib Bul—New York (city). Public Library. Bulletin

N Y State Comm R—New York State Commerce Review
 N Z J Geol & Geophys—New Zealand Journal of Geology and Geophysics
 N Z J Sci & Tech—New Zealand Journal of Science and Technology
 Nachr Dok—Nachrichten für Dokumentation
 Names—Names
 Nat Assn Deans Women J—National Association of Deans of Women. Journal
 Nat Assn Sec Sch Prin Bul—National Association of Secondary-School Principals. Bulletin
 Nat Bsns Educ Q—National Business Education Quarterly
 Nat Cath Ed Assn Bul—National Catholic Educational Association. Bulletin
 Nat Safety N—National Safety News
 Natur Ges Basel Verh—Naturforschende Gesellschaft, Basel. Verhandlungen
 Nature Mag—Nature Magazine
 Nauka Polska—Nauka Polska
 Negro Educ R—Negro Educational Review
 Negro Hist Bul—Negro History Bulletin
 Neuropsychiatry—Neuropsychiatry
 New Engl Q—New England Quarterly
 New Furn—New Furniture, Neue Möbel, Meubles nouveaux
 News Notes Calif Lib—News Notes of California Libraries
 Noise Control—Noise Control
 Non-Destruct Test—Non Destructive Testing
 Nordisk Tids Bok & Bib—Nordisk Tidskrift for Bok- och Biblioteksväsen
 Norsk Arbok Bibl Forsk—Norsk Arbok for Bibliotek og forskning
 Name changed to Bibliotek og Forskning Arbok
 Norois—Norois
 Norsk Geog Tids—Norsk Geografisk Tidsskrift
 Norsk Geol Tids—Norsk Geologisk Tidsskrift
 North Cen Assn Q—North Central Association Quarterly
 North Country Lib—North Country Libraries
 Northwest Sci—Northwest Science
 Nouv Nouv R Française—Nouvelle Nouvelle Revue Française
 Nova Scotian Inst Sci Proc—Nova Scotian Institute of Science. Proceedings
 Nucleonics—Nucleonics
 Numismatist—Numismatist

Oberlin Coll Bull—Oberlin College. Allen Memorial Art Museum. Bulletin
 Ohio Hist Q—Ohio Historical Quarterly
 Formerly Ohio State Archaeological and Historical Quarterly; name changed January 1955
 Ohio J Sci—Ohio Journal of Science
 Ohio St Archaeol Hist Q—Ohio State Archaeological and Historical Quarterly
 Name changed to Ohio Historical Quarterly with January 1955
 Oil & Gas J—Oil and Gas Journal
 Onderstepoort J Vet Res—Onderstepoort Journal of Veterinary Research
 Ont Lib R—Ontario Library Review
 Operations Res—Operations Research
 Opt Soc Am J—Optical Society of America. Journal
 Orbis Litterarum—Orbis Litterarum
 Ore Hist Q—Oregon Historical Quarterly
 Orientalia—Orientalia
 öster Z Kunst & Denkmal—österreichische Zeitschrift für Kunst und Denkmalpflege
 Osteuropa—Osteuropa

PMLA—Modern Language Association. Publications
 PNLA Q—Pacific Northwest Library Association. Quarterly
 Pa Lib Assn Bul—Pennsylvania Library Association. Bulletin
 Pac Affairs—Pacific Affairs
 Pac Sci—Pacific Science
 Pakistan J Sci—Pakistan Journal of Science
 Palacio—Palacio
 Palaeoethnographica—Palaeoethnographica
 Paris Univ Ann—Paris. Université. Annales
 Parks & Recreation—Parks and Recreation
 Peabody J Ed—Peabody Journal of Education
 Personnel Adm—Personnel Administration
 Personnel & Guid J—Personnel and Guidance Journal

Personnel J—Personnel Journal
 Personel Psychol—Personnel Psychology
 Pet Eng—Petroleum Engineer
 Pet Process—Petroleum Processing
 Pet Refiner—Petroleum Refiner
 Petermanns Geog Mitt—Petermanns Geographische Mitteilungen
 Phi Delta Kappan—Phi Delta Kappan
 Philippine Ag—Philippine Agriculturist
 Philippine J Pub Adm—Philippine Journal of Public Administration
 Philippine J Sci—Philippine Journal of Science
 Philippine Social Sci & Humanities R—Philippine Social Science and Humanities Review
 Philobiblon—Philobiblon
 Philol Q—Philological Quarterly
 Philos & Phen Res—Philosophy and Phenomenological Research
 Philos Sci—Philosophy of Science
 Photo Dealer—Photo Dealer
 Phylon Q—Phylon Quarterly
 Phys Educ—Physical Educator
 Physiol Zool—Physiological Zoology
 Phytopathology—Phytopathology
 Pireneos—Pireneos
 Pittsburgh Sch—Pittsburgh Schools
 Plant & Soil—Plant and Soil
 Plant Physiol—Plant Physiology
 Plastics Tech—Plastics Technology
 Plateau—Plateau
 Plating—Plating
 Polish R—Polish Review
 Polynesian Soc J—Polynesian Society, Wellington, Journal
 Portugal—Portugal
 Poultry Sci—Poultry Science
 Power Apparatus & Systems—Power Apparatus and Systems
 Prac Home Econ—Practical Home Economics
 Prehist Soc Proc—Prehistoric Society, Proceedings
 Princeton Univ Lib Chron—Princeton University Library Chronicle
 Prison J—Prison Journal
 Product Eng—Product Engineering
 Produttività—Produttività
 Prog Cardiovascular Dis—Progress in Cardiovascular Diseases
 Progres Ed—Progressive Education
 Psyche—Psyche
 Psychol Bul—Psychological Bulletin
 Psychol R—Psychological Review
 Psychol Reps—Psychological Reports
 Psychol Rundsch—Psychologische Rundschau
 Psychometrika—Psychometrika
 Pub Health Rep—Public Health Reports
 Pub Opinion Q—Public Opinion Quarterly
 Pub W—Publisher's Weekly
 Pub Works—Public Works
 Publizistik—Publizistik
 Pulp & Pa Mag Can—Pulp and Paper Magazine of Canada

R Française Sci Pol—Revue Française de Science Politique
 R Hispan Mod—Revista Hispanica Moderna
 R Hist—Revue Historique
 R Hist Colonies—Revue d'Histoire des Colonies
 R Hist Vaudoise—Revue Historique Vaudoise
 R Indep—Revue Indépendante
 R Indias—Revista de Indias
 R Int Philos—Revue Internationale de Philosophie
 R Interam Bibliog—Revista Interamericana de Bibliografía
 R Lett Mod & Comp—Rivista di Letterature Moderne e Comparate
 R Litt Comp—Revue de Littérature Comparée
 R Nord—Revue du Nord
 R Philol Litt & Hist Anciennes—Revue de Philologie, de Littérature et d'Histoire Anciennes
 R Philos—Revue Philosophique
 R Relig—Review of Religion
 R Sci Philos & Théol—Revue des Sciences Philosophiques et Théologiques
 R Sci Preistoriche—Rivista di Scienze Preistoriche
 R Socialiste—Revue Socialiste
 R Thomiste—Revue Thomiste
 Radiation Res—Radiation Research
 Radio Percept—Radio Perception
 Read Teach—Reading Teacher
 Rech Sci Rel—Recherches de Science Religieuse
 Recreation—Recreation
 Refrig Eng—Refrigerating Engineering
 Relig Educ—Religious Education
 Relig in Life—Religion in Life
 Res Film—Research Film
 Res Q—Research Quarterly
 Res Stud St Coll Wash—Washington (state), State College, Pullman, Research Studies
 Rinascimento—Rinascimento
 Rotarian—Rotarian
 Roy Aero Soc J—Royal Aeronautical Society, Journal
 Roy Arch Inst Can J—Royal Architectural Institute of Canada, Journal
 Roy Cent Asian Soc J—Royal Central Asian Society, Journal
 Roy Meteor Soc Q J—Royal Meteorological Society, Quarterly Journal
 Roy Micros Soc J—Royal Microscopical Society, Journal
 Roy Soc Can Trans—Royal Society of Canada, Transactions
 Roy Soc N Z Trans—Royal Society of New Zealand, Transactions
 Rubber Age—Rubber Age
 Rubber Chem & Tech—Rubber Chemistry and Technology
 Rubber World—Rubber World
 Rural Sociol—Rural Sociology
 Russian R—Russian Review

Q Ap Math—Quarterly of Applied Mathematics
 Q J Econ—Quarterly Journal of Economics
 Q J Math—Quarterly Journal of Mathematics
 Q J Micros Sci—Quarterly Journal of Microscopical Science
 Q J Stud Alcohol—Quarterly Journal of Studies on Alcohol
 Q R Biol—Quarterly Review of Biology
 Q R Higher Educ Negroes—Quarterly Review of Higher Education among Negroes
 Queensland J Ag Sci—Queensland Journal of Agricultural Science

SLA Bsns & Fin Div Bul—Special Libraries Association, Business & Finance Division, Bulletin
 S Atlan Bul—South Atlantic Bulletin
 Sächs Akad Wiss Jahrb—Sächsische Akademie der Wissenschaften, Leipzig, Jahrbuch
 St Louis Univ Law J—Saint Louis University Law Journal
 Sales Management—Sales Management
 Sat R—Saturday Review
 Scand Stud—Scandinavian Studies
 Sch & Soc—School and Society
 Sch Libn—School Librarian
 Sch R—School Review
 Sch Sci & Math—School Science and Mathematics
 Scholastik—Scholastik
 Schopenhauer Jahrb—Schopenhauer-Jahrbuch
 Schrifttum Bodenkultur—Schrifttum der Bodenkultur
 Schweiz Monatssch Zahnheilk—Schweizerische Monatsschrift für Zahnheilkunde
 Sci Educ—Science Education
 Scientia Sinica—Scientia Sinica
 Seismol Soc Am Bul—Seismological Society of America, Bulletin
 Ser Slants—Serial Slants
 Sewage & Ind Wastes—Sewage and Industrial Wastes
 Shakespeare Jahrb—Shakespeare-Jahrbuch
 Shakespeare Q—Shakespeare Quarterly
 Shakespeare Survey—Shakespeare Survey
 Shaw Bul—Shaw Bulletin
 Shaw R—Shaw Review
 Sinn & Form—Sinn und Form
 Skogs- och Lantsbruksakad Tids—Kungliga Skogs- och Lantsbruksakademien, Tidskrift

RCA R—RCA Review
 R Archéol—Revue Archéologique
 R Archivos Bibl Mus—Revista de Archivos, Bibliotecas y Museos
 R Bénédicteine—Revue Bénédicteine
 R Bibl Nac—Havana, Biblioteca Nacional, Revista
 R Crit Storia Filos—Rivista Critica di Storia della Filosofia
 R d'Alsace—Revue d'Alsace
 R des Arts—Revue des Arts
 R Dialect & Tradic Popul—Revista de Dialectología y Tradiciones Populares
 R Doc—Review of Documentation
 R Educ Res—Review of Educational Research
 R Espiritualidad—Revista de Espiritualidad
 R Etud Byzantines—Revue des Etudes Byzantines
 R Etud Grecques—Revue des Etudes Grecques
 R Etud Islamiques—Revue des Etudes Islamiques

Skolbiblioteket—Skolbiblioteket
 Slovo—Slovo (Staroslavenski Institut)
 Smith Coll Stud Social Work—Smith College Studies in Social Work
 So African J Ag Sci—South African Journal of Agricultural Science
 So African Lib Q Bul—South African Library Quarterly Bulletin
 So Coop Ser Bul—Southern Cooperative Series Bulletin
 So Folklore Q—Southern Folklore Quarterly
 So Observer—Southern Observer
 Soap & Chem Spec—Soap and Chemical Specialities
 Soc African J—Société des Africanistes, Journal
 Soc Américanistes J—Société des Américanistes, Journal
 Soc Antiq Picardie Bul Trim—Société des Antiquaires de Picardie, Bulletin Trimestriel
 Soc Arch Hist J—Society of Architectural Historians, Journal
 Soc Estud Moçambique Bol—Sociedade de Estudos de Moçambique, Boletim
 Soc Géol France Bul—Société Géologique de France, Bulletin
 Soc Motion Pict & Tv Eng J—Society of Motion Picture and Television Engineers, Journal
 Soc Océan J—Société des Océanistes, Journal
 Social Casework—Social Casework
 Social Educ—Social Education
 Social Order—Social Order
 Social Serv R—Social Service Review
 Soil Sci—Soil Science
 Soil Sci Soc Am Proc—Soil Science Society of America, Proceedings
 Solar Energy—Solar Energy
 Southeast Latin Am—Southeastern Latin Americanist
 Sp Lib—Special Libraries
 Speculum—Speculum
 Speech Monog—Speech Monographs
 Steel Process—Steel Processing
 Stellenbosch Univ Ann—Stellenbosch, University, Annals
 Stud Bibliog & Booklore—Studies in Bibliography and Booklore
 Stud Bibliog—Studies in Bibliography
 Stud Bibliog & Booklore—Studies in Bibliography and Booklore
 Stud Ital Filol Class—Studi Italiani di Filologia Classica
 Stud Philol—Studies in Philology
 Stud Rom Zagrabienia—Studia Romanica Zagrabienia
 Sudan Notes & Rec—Sudan Notes and Records
 Susquehanna Univ Stud—Susquehanna University Studies
 Sw J Anthropol—Southwestern Journal of Anthropology
 Sw La J—Southwestern Louisiana Journal

Tamiment Inst Lib Bul—Tamiment Institute, New York, Library, Bulletin
 Tamuda—Tamuda
 Tappi—Tappi
 Teach Coll Rec—Teachers College Record
 Tele-Tech—Tele-Tech
 Tellus—Tellus
 Temple Univ Lib Bul—Temple University, Library, Bulletin
 Tenn Acad Sci J—Tennessee Academy of Science, Journal
 Tex J Sci—Texas Journal of Science
 Tex Stud Lit & Lang—Texas Studies in Literature and Language
 Tex Univ Pub—Texas University, Publications
 Textile Res J—Textile Research Journal
 Theatre Notebk—Theatre Notebook
 Theol Literatur—Theologische Literaturzeitung
 Tids Dok—Tidskrift för Dokumentation
 Tin Res Inst Pub—Tin Research Institute, Publications
 Tin Uses—Tin and its Uses
 Today's Speech—Today's Speech
 Top News—Top of the News
 Torrey Bot Club Bul—Torrey Botanical Club, Bulletin
 Train Sch Bul—Training School Bulletin
 Trend Eng—Trend in Engineering at the University of Washington
 Trop Woods—Tropical Woods
 Trusts & Estates—Trusts and Estates

UBEA Forum—United Business Education Association, Forum
 Und Child—Understanding the Child
 UNESCO Bul Lib—UNESCO Bulletin for Libraries
 U S Nat Mus Proc—United States, National Museum, Proceedings
 United Asia—United Asia (Bombay)
 Univ East Bsns R—Manila, University of the East, College of Commerce, Business Review
 Univ Kan Bul Educ—Kansas, University, School of Education, Bulletin of Education
 Ural-Altaische Jahrb—Ural-Altaische Jahrbücher

Vandringar Böcker—Vandringar med Böcker
 Victoria Univ Coll Zool Pub—Victoria University, Wellington, N. Z. Zoology Publication
 Victorian Stud—Victorian Studies
 Vienna Naturhist Mus Ann—Vienna, Naturhistorisches Museum, Annalen
 Vierteljahr Sozial- & Wirtschaftsgesch—Vierteljahrsschrift für Sozial- und Wirtschaftsgeschichte
 Volta R—Volta Review

Warburg & Courtauld Inst J—Warburg Institute, Journal of the Warburg and Courtauld Institutes
 Wash Acad Sci J—Washington Academy of Sciences, Journal
 Water & Sewage Works—Water & Sewage Works
 Wehrw Rundsch—Wehrwissenschaftliche Rundschau
 Weimarer Beiträge—Weimarer Beiträge
 Welding J—Welding Journal
 Welt als Gesch—Welt als Geschichte
 Weltwirt Archiv—Weltwirtschaftliches Archiv
 West Hum R—Western Humanities Review
 West-Ind Gids—West-Indische Gids
 West Pol Q—Western Political Quarterly
 West Va Lib—West Virginia Libraries
 Westfälische Forsch—Westfälische Forschungen
 Wilhelm Busch Gesell Jahrb—Wilhelm-Busch-Gesellschaft, Jahrbuch
 Wilson Lib Bul—Wilson Library Bulletin
 Wireless Eng—Wireless Engineer
 Name changed to Electronic & Radio Engineer with January 1957
 Wirkendes Wort—Wirkendes Wort
 Wittheit Bremen Jahrb—Bremen, Wittheit zu Bremen, Jahrbuch
 World Oil—World Oil

Yachting—Yachting

Z Alttestamentliche Wiss—Zeitschrift für die Alttestamentliche Wissenschaft
 Z Ang & Amerik—Zeitschrift für Anglistik und Amerikanistik
 Z Bibl & Bibliog—Zeitschrift für Bibliothekswesen und Bibliographie
 Z Immunitätsforsch & Exp Therap—Zeitschrift für Immunitätsforschung und Experimentelle Therapie
 Z Kunstgesch—Zeitschrift für Kunstgeschichte
 Z Mundartforsch—Zeitschrift für Mundartforschung
 Z Ostforsch—Zeitschrift für Ostforschung
 Z Philos Forsch—Zeitschrift für Philosophische Forschung
 Z Rom Philol—Zeitschrift für Romanische Philologie
 Z Slaw Philol—Zeitschrift für Slawische Philologie
 Z Slawistik—Zeitschrift für Slawistik
 Z Tuberkulose—Zeitschrift für Tuberkulose
 Zentr Bibl—Zentralblatt für Bibliothekswesen
 Zentr Chirur—Zentralblatt für Chirurgie
 Züchtungskunde—Züchtungskunde

Key to General Abbreviations

<p>+ continued on later pages of the same issue</p> <p>abh abhandlung, -en</p> <p>abr abridged</p> <p>acad academy</p> <p>adm administration, -ive</p> <p>Ag August</p> <p>Am America, American</p> <p>annot annotated, -ions</p> <p>Ap April</p> <p>app appendix, -ed</p> <p>arr arranged</p> <p>assn association</p> <p>asst assistant</p> <p>aufi auflage</p> <p>augm augmented</p> <p>aum aumentada</p> <p>auth author</p> <p>bearb bearbeitet</p> <p>bibliog bibliography, -ical</p> <p>bk book</p> <p>bul bulletin</p> <p>bur bureau</p> <p>ca circa</p> <p>cent century</p> <p>circ circular</p> <p>co company</p> <p>col column</p> <p>coll collected, -ion</p> <p>com committee</p> <p>comm commission</p> <p>comp compiled, -er, -ation</p> <p>cont continued</p> <p>corp corporation</p> <p>corr corrected, -ion</p> <p>D December</p> <p>d died</p> <p>dept department</p> <p>div division</p> <p>doc document, -ation</p>	<p>ed edited, -ion, -or</p> <p>enl enlarged, -ment</p> <p>F February</p> <p>fl flourished</p> <p>gov government</p> <p>H.M.S.O. His Majesty's Stationery Office</p> <p>hrsg herausgegeben</p> <p>il illustrated, -ing, -ion</p> <p>inc incorporated</p> <p>incl includes, -ed, -ing</p> <p>inst institute, -tion</p> <p>int international</p> <p>introd introduction, -ory</p> <p>Ja January</p> <p>Je June</p> <p>Jl July</p> <p>lib library, librairie, etc.</p> <p>ltd limited</p> <p>misc miscellaneous</p> <p>Mr March</p> <p>ms manuscript</p> <p>My May</p> <p>N November</p> <p>nat national</p> <p>neubearb neubearbeitet</p> <p>np no paging</p> <p>ns new series</p>	<p>O October</p> <p>p page</p> <p>pref preface, prefatory</p> <p>prelim preliminary</p> <p>priv privately</p> <p>pseud pseudonym</p> <p>pt part</p> <p>ptd printed</p> <p>ptg printing</p> <p>pub publication, pub- lished, -er, -ing</p> <p>rep report</p> <p>rev revised, -ion</p> <p>S September</p> <p>ser series</p> <p>sec section</p> <p>sel selected, -ion, -ive</p> <p>soc society</p> <p>sup supplement, -ary</p> <p>tr translated, -ion</p> <p>utg utgiven</p> <p>übers übersetzt, über- setzung</p> <p>univ university, uni- versité, università, etc.</p> <p>v volume</p> <p>vp varied paging</p>
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Directions for Using this Index

This index is solely a subject list. Under each subject, books, pamphlets and articles are listed by author. Titles used are those of the book, pamphlet, or article, but the page references are for the bibliographies only. Frequently the bibliography covers a wider field than that of the book indicated in its title. The following sample entries illustrate the order of information given in the references.

SAMPLE ENTRY:
Books and Pamphlets

PRAYER

Thomson, James G. S. S. Praying Christ: a study of Jesus' doctrine and practice of prayer. Eerdmans '59 p 153-5

Explanation

A bibliography on prayer will be found in James G. S. S. Thomson's Praying Christ, published by Eerdmans in 1959, on pages 153-155

SAMPLE ENTRY:
Periodical Article

MILK

Flavor and odor

Roberts, W. M. Problems involved in flavor removal. J Dairy Sci 42:563 Mr '59

Explanation

A bibliography on the flavor of milk will be found in the periodical "Journal of Dairy Science" volume 42, page 563, the March 1959 issue.

Bibliographic Index

A Cumulative Bibliography of Bibliographies

— 1956-1959 —

ACTH

Merck and company, incorporated. Cortone (cortisone, Merck) and related hormonal substances. (Annot. bibliog. 4) The company '52 99p

A.F.S. See American field service

ABACUS

Li, S. T. Origin and development of the Chinese abacus. *Assn Comp Mach J* 6: 109-10 Ja '59

ABBEYS

See also

Port-Royal des Champs (Cistercian abbey) Seckau, Austria (Augustinian abbey)

ABBOTT, Edith, 1876-1957

Marks, R. Published writings of Edith Abbott—a bibliography. *Social Serv R* 32:51-6 Mr '58 annot

ABDOMEN

Diseases

Requarth, William. Acute abdomen; foreword by Warren H. Cole. 2d ed (Clinical manuals and monographs) Year bk. pub. '58 incl bibliog

Radiography

Epstein, Bernard S. Clinical radiology of acute abdominal disorders. Lea '58 incl bibliog

Surgery

Anscombe, Anthony Rex. Pulmonary complications of abdominal surgery. Lloyd-Luke '57 p 110-16

ABILITY

Allen, D. A. Aptitudes and personality. Harvard Educ R 26:22-3 Winter '56

McClelland, David Clarence, and others. Talent and society: new perspectives in the identification of talent. Van Nostrand '58 incl bibliog

See also

Correlation of abilities
Inefficiency. Intellectual
Leadership
Motor ability

Testing

Bennett, George Kettner, and others. Differential aptitude tests; manual. 3d ed Psychological corp. '59 p93-4

Bennett, G. K. and others. Differential aptitude tests: an overview. *Personnel & Guid J* 35:89-91 O '56

Darley, John Gordon, and Hagenah, Theda. Vocational interest measurement; theory and practice. Univ. of Minn. press '55 p267-71

Ghiselli, Edwin Ernest. Measurement of occupational aptitude. (Calif. Univ. Pubs. in psychology, v8, no2) Univ. of Calif. press '55 p 156-63

Guilford, J. P. Guilford-Zimmerman aptitude survey. *Personnel & Guid J* 35:222-3 D '56

Horrall, Bernice M. Academic performance and personality adjustments of highly intelligent college students. (In Genetic psychology monographs, v55. Journal press '57 p79-80)

LeBold, W. K. Intellectual and non-intellectual factors involved in predicting engineering success. *J Eng Educ* 48:518-19 Mr '58

McCall, John R. Sex differences in intelligence, a comparative factor study. Catholic Univ. of Am. press '55 p62-5

Marchal, Renée. La géométrie. (Les Mensurations psychopédagogiques, 3) Laboratoire de pédagogie expérimentale. Univ. catholique de Louvain '56 p265-80

Mowry, H. W. Measure of supervisory quality. *J Ap Psychol* 41:407-8 D '57

Nieulande, Marie Louise van. Le problème d'arithmétique. (Les Mensurations psychopédagogiques, 2) Laboratoire de pédagogie expérimentale. Univ. catholique de Louvain '55 p205-13

Patterson, C. H. Predicting success in trade and vocational school courses: review of the literature. *Educ & Psychol Meas* 16:391-400 Autumn '56

Research conference on the identification of creative scientific talent. Brighton, Utah. 1955-1959] University of Utah research conference on the identification of creative scientific talent. Univ. of Utah press '56-59 3v 1955, p260-8; 1957, p249-55; 1959, p317-34

Teuber, H. L. and Weinstein, S. Performance on a formboard-task after penetrating brain injury. *J Psychol* 38:188-90 Ji '54

Topetzes, N. J. Program for the selection of trainees in physical medicine. *J Exp Educ* 25:307-11 Je '57

Townsend, Edward Arthur. Study of copying ability in children. Prestige motivation of gifted children, by David Paul Ausubel. (Genetic psychology monographs, v43, 1st half) Journal press '51 p49-51, 117

Viglietti, M. and Garcia Castelblanco, P. E. Il test proiettivo d'interessi professionali di F. Bemelmans. *Bol Psicol & Sociol App* no25/30:108-10 F '58

Vineyard, E. E. Longitudinal study of the relationship of differential aptitude test scores with college success. *Personnel & Guid J* 36:416 F '58

See also

Employees—Rating
Intelligence tests
Physical ability tests

ABILITY grouping in education

Florida. University. College of education. Education library. Identifying and grouping gifted children. (Bibliog. no36) The library '59 6p

Rudd, W. G. A. Psychological effects of streaming by attainment. *Brit J Educ Psychol* 28:59-60 F '58

Wrightstone, J. Wayne. Class organization for instruction. (What research says to the teacher, no 13) Dept. of classroom teachers, Am. educational research assn. '57 p32-3

ABKHASIA

Abkhazian, T. Literature on Abkhazia and the Abkhazian-Abazinians. *Caucasian R* no 7:125-43 '58

ABNORMALITIES. See Deformities

ABNORMALITIES (animals)

Abbott, U. K. and Asmundson, V. S. Scaleless, an inherited ectodermal defect in the domestic fowl. *J Heredity* 48:69-70 Mr '57

Kalter, H. and Warkany, J. Congenital malformations in inbred strains of mice induced by riboflavin-deficient, galacto-flavin-containing diets. *J Exp Zool* 136:552-3 D '57

Landauer, W. Niacin antagonists and chick development. *J Exp Zool* 136:528-30 D '57

ABNORMALITIES (animals)—Continued

- Landauer, W. Phenocopies and genotype, with special reference to sporadically-occurring developmental variants. *Am Natur* 91:88-90 Mr '57
- Nelson, M. M. and others. Multiple congenital abnormalities resulting from transitory deficiency of pteroylglutamic acid during gestation in the rat. *J Nutrition* 56:362-3 J1 '55

ABNORMALITIES (plants)

- Sparks, W. C. Review of abnormalities in the potato due to water uptake and translocation. *Am Potato J* 35:435-6 Mr '58

ABOLITIONISTS

- Sillen, Samuel. Women against slavery. *Masses & mainstream* '55 p 100-2

ABORIGINES. See Native races**ABORTION**

- Arén, Per. On legal abortion in Sweden: tentative evaluation of justification of frequency during last decade; tr. by L. James Brown. (V37, Sup 1) *Acta obstetricia et gynecologica scandinavica* '58 p72-5
- Indiana. University. Institute for sex research. Pregnancy, birth and abortion by Paul H. Gebhard [and others] (Studies) Harper '58 p249-65
- Javert, Carl T. Spontaneous and habitual abortion. McGraw '57 p409-30
- Kolstad, Per. Therapeutic abortion, a clinical study based upon 968 cases from a Norwegian hospital. 1940-53. (Norges almenvitenskapelige forskningsråd. Skrifter. Sec: Medicine. E.408-1.T. V36. Sup 6) *Acta obstetricia et gynecologica scandinavica* '57 p70-2
- Nilsson, Lennart. Hydatidiform degeneration in aborted ova, a histopathological and clinical study [tr. by Klas Magnus Lindskog] (V36, Sup 7) *Acta obstetricia et gynecologica* '57 p77-80

ABORTION in animals

- Boyd, Hugh. Bovine genital vibriosis; a large scale field investigation, using the vaginal mucus agglutination test. *Almqvist* '55 p86-9
- Laing, J. A. *Vibrio fetus* infection of cattle. (FAO agricultural studies, no32) Food & agriculture organization of the United Nations '56 p49-51

- Monteverde, José Julio, and Garbers, Guillermo V. Infecciones debidas a salmonella abortus-equi en la República Argentina. (Pubs, no7) Escuela de veterinaria, Univ. de Buenos Aires '56 p94-8

ABSCISSION (botany)

- Biggs, R. H. and Leopold, A. C. Factors influencing abscission. *Plant Physiol* 32:632 N '57

ABSENCE from school. See School attendance**ABSENTEEISM (labor)**

- American medical association. Committee on medical care for industrial workers. Selected bibliography on non-occupational sickness absenteeism among industrial workers. The association '55 12p

ABSORPTIOMETRIC analysis

- Haywood, Frederick W. and Wood, A. A. R. Metallurgical analysis by means of the Spekker photoelectric absorptiometer. 2d ed Hilger '57 p247-77

ABSORPTION

- Leva, M. and Wen, C. Y. Absorption and humidification. *Ind & Eng Chem* 47:507; 48:471; 49:459; 50:423; 51:339 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Mandarino, J. A. Absorption and pleochroism: two much-neglected optical properties of crystals. *Am Min* 44:76-7 Ja '59
- Ramm, V. M. Absorptionsprozesse in der chemischen industrie. Verlag Technik '52 p381-404
- Sharp, G. S. and others. Studies of protein absorption using nitrogen¹⁵ as a tag. *J Nutrition* 58:455-7 Ap '56

See also

Absorption

X-rays—Absorption

ABSORPTION (physiology)

- Adlersberg, David, ed. Malabsorption syndrome. (New York, Mount Sinai hospital. Monograph) Grune '57 incl bibliog
- Ellenbogen, L. and others. Effect of intrinsic factor on absorption of vitamin B₁₂ in healthy individuals. *Am J Clin Nutrition* 6:29 Ja '58

- Havel, R. J. Transport and metabolism of chylomicra. *Am J Clin Nutrition* 6:667-8 N '58

- Mead, J. F. Fat absorption. *Am J Clin Nutrition* 6:607-8 N '58
- Sentmanat, Rafael. Fisiología de la nutrición; v2. Digestión y absorción. Publicaciones culturales '57 p201-26
- Tidwell, H. C. Effect of choline, methionine and ethionine on fat absorption. *J Nutrition* 58:577-8 Ap '56

ABSORPTION (plants)

- Barrier, G. E. and Loomis, W. E. Absorption and translocation of 2,4-dichlorophenoxyacetic acid and P³² by leaves. *Plant Physiol* 32:230-1 My '57
- Broyer, T. C. Current views on solute movement into plant roots. *Am Soc Hort Sci Proc* 67:585-6 '56
- Hammond, L. C. and others. Effects of oxygen and carbon dioxide levels upon absorption of potassium by plants. *Plant Physiol* 30:160-1 Mr '55
- Higinbotham, N. and Hanson, J. Relation of external rubidium concentration to amounts and rates of uptake by excised potato tuber tissue. *Plant Physiol* 30:111-12 Mr '55
- Kuykendall, J. R. and Wallace, A. Absorption and hydrolysis of urea by detached citrus leaves immersed in urea solutions. *Am Soc Hort Sci Proc* 64:126-7 '54
- Mollenhauer, R. and Smith, C. B. Tomato plant absorption and translocation of manganese and zinc from dithiocarbamate fungicide sprays. *Am Soc Hort Sci Proc* 63:302-3 '54
- Nye, P. H. and Foster, W. N. M. Study of the mechanism of soil-phosphate uptake in relation to plant species. *Plant & Soil* 9:351-2 J1 '58
- Philip, J. R. Osmotic cell, solute diffusibility, and the plant water economy. *Plant Physiol* 33:270-1 J1 '58

See also

Plants—Absorption of water

Plants—Ion exchange

ABSORPTION apparatus

- Morris, Geoffrey Alfred, and Jackson, Jeffrey. Absorption towers; with special reference to the design of packed towers for absorption and stripping. Butterworths '53 p 145-6

ABSORPTION spectra

- Gillam, Albert Edward, and Stern, Edward Severin. Introduction to electronic absorption spectroscopy in organic chemistry; with a foreword by E. R. H. Jones. 2d ed Arnold '57 incl bibliog
- Hershenson, Herbert Malcolm. Infrared absorption spectra; index for 1945-1957. Academic press '59 111p
- Hershenson, Herbert Malcolm. Ultraviolet and visible absorption spectra; index for 1930-1954. Academic press '56 205p

ABSTRACT art. See Art, Abstract**ABSTRACTING and indexing services**

- Brodman, E. and others. Trends in medical abstracting and indexing tools; a symposium. *Med Lib Assn Bul* 44:397-423 O '56 annot
- Fulcher, J. M. Card-form publications in medicine and related fields. *Med Lib Assn Bul* 47:48-53 Ja '59 annot
- Milek, J. T. Abstracting and indexing services in electronics and related electrical fields. *Am Doc* 8:5-21 Ja '57 annot
- Special libraries association. Science-technology division, Engineering section. Committee on engineering abstracting services. Bibliography of engineering abstracting services; ed. by Miriam M. Landuyt. (SLA bibliog. no 1) The association '55 37p
- Weit, I. D. Detailed indexing of biological effects of chemical substances. *Med Lib Assn Bul* 46:376-7 J1 '58

ABYSSINIA. See Ethiopia**ACADEMIC dissertations. See Dissertations, Academic****ACADEMIC freedom**

- Kirk, Russell Amos. Academic freedom; an essay in definition. *Regnery* '55 p201-4
- MacIver, Robert Morrison. Academic freedom in our time. Columbia univ. press '55 p305-20

ACADEMY of sciences of the U.S.S.R. See Akademija nauk SSSR

ACADIANS

- Louisiana. Southwestern Louisiana institute of liberal and technical learning, Lafayette. Stephens memorial library. Acadians in fact and fiction; a classified bibliog. of writing on the subject of Acadians in the Library; comp. by Pearl Mary Segura. Dept. of commerce & industry '55 88p
- Michaud, Marguerite. La reconstruction française au Nouveau-Brunswick; Bouctouche, paroisse-type. Presses universitaires '55 p215-21 annot
- Segura, P. M. Bibliography of Acadiana. Sw La J 2:170-212 Spring '58

ACARINA. See Mites

ACCELERATORS (particles)

- European organization for nuclear research. Symposium du CERN sur les accélérateurs de haute énergie et la physique des mésons π . Genève, 11-25 juin 1956; comptes rendus. CERN symposium on high energy accelerators and pion physics. Geneva, 11th-23rd June 1956; proceedings. (CERN 56-25-26) The organization '56 2v incl bibliog
- Shersby-Harvie, R. B. R. and others. Theoretical and experimental investigation of anisotropic-dielectric-loaded linear electron accelerators. Inst Elec Eng Proc 104:287 My '57

ACCIDENT LAW

See also

- Workmens' compensation

ACCIDENTS

- Schulzinger, Morris S. Accident syndrome; the genesis of accidental injury, a clinical approach. Thomas '56 p219-23
- United States. Public health service. Division of special health services. Principal types of accidents; sel. references; a teaching aid for medical schools. Medical education for nat. defense program, U.S. Dept. of defense '58 1v

See also

- Burns and scalds
Disasters
Electricity. Injuries from
Traffic accidents

Prevention

- Association of casualty & surety companies. Accident prevention department. Bibliography of accident prevention and safety education publications. The department '56 11p annot
- Books, periodicals, etc. See numbers of Occupational safety and health
- Loss control associates, Plattsmouth, Nebraska. Fire & accident loss control index and directory; an index and directory of fire & accident control codes, standards, and references. The associates '56 1v
- McFarland, R. A. Epidemiologic principles applicable to the study and prevention of child accidents. Am J Pub Health 45:1308 O '55
- Review of periodicals, books, pamphlets, etc. See numbers of Occupational safety and health
- United States. Public health service. Bureau of state services. Home accident prevention; sel. references. The service '56 23p

See also

- Aeronautics—Safety measures
Mining engineering—Safety measures
Safety education

ACCIDENTS, Industrial

- Bellis, C. J. Neurologic examination in industrial injuries. Ind Med 23:421-2 S '54
- New York university. Division of general education. Center for safety education. Human element in industrial accident prevention, by John C. Larson [and others] The center '55 p97-110

See also

- Coal mines and mining—Accidents

ACCLIMATIZATION

- Brett, J. R. Some principles in the thermal requirements of fishes. Q R Biol 31:85-7 Je '56

See also

- Altitude. Influence of
Birds. Effect of climate on
Man—Influence of climate

ACCLIMATIZATION (plants)

See also

- Plant introduction

ACCOUNTING

- American institute of accountants. Accountants' index; 11th[1-13th] sup; bibliog. of accounting literature, Jan. 1953-Dec. 1954 [-Jan. 1957-Dec. 1958] (inclusive) The institute '55-'59 3v
- Boyd, R. L. Abstracts of dissertations in accounting. Accounting R 33:265-89 Ap '59
- Colombia. Departamento de contraloría. Biblioteca. Catálogo de la sección Autores. The library '55 47p
- Current reading. See numbers of Journal of accountancy
- Paton, William Andrew. Accountants' handbook; 4th ed. ed. by Rufus Wixon; staff ed: Walter G. Kell. Ronald '56 p A 1-A9
- Rappaport, Louis H. SEC accounting practice and procedure. Ronald '56 p509-16
- Scherpf, Peter. Der kontenrahmen; entstehung, verbreitung, möglichkeiten. Hueber '55 p 188-95
- See also
- Auditing
Bookkeeping
Cost accounting
Depreciation
Inventories
Municipal finance—Accounting
Tax accounting

ACCOUNTING as a profession

- Angel, Juvenal Londoño. Specialized careers in accounting. (Monograph no29) World trade acad. press '55 p37-9
- Penz, A. J. Accountancy: a vocation and profession. (Vocational and professional monographs. no7) Bellman '58 p33-9

ACCOUNTING machines. See Calculating machines

ACCOUNTS, Collecting of. See Collecting of accounts

ACCULTURATION

- Danielsson, Bengt. Work and life on Rarola; an acculturation study from the Tuamotu group, French Oceania. Heinman '55 p237-44
- Hallowell, A. I. Impact of the American Indian on American culture. Am Anthropol 59:214-17 Ap '57
- Ianni, F. A. J. Time and place as variables in acculturation research. Am Anthropol 60: 45-6 F '58
- Lange, C. H. Acculturation in the context of selected New and Old World peasant cultures. Am Anthropol 59:1073-4 D '57
- Mason, L. Characterization of American culture in studies of acculturation. Am Anthropol 57:1276-9 D '55
- Schrieke, Bertram Johannes Otto. Indonesian sociological studies; sel. writings. (Sel. studies on Indonesia, v2-3) Inst. of Pacific relations '55-'57 2v v2, p411-52
- Siegel, Bernard Joseph, and Wax, Rose, eds. Acculturation; critical abstracts, North America. (Stanford anthropological ser, no2) Stanford univ. press '55 231p
- Spencer, R. F. Culture process and intellectual current: Durkheim and Atatürk. Am Anthropol 60:656-7 Ag '58
- Spindler, George D. Sociocultural and psychological processes in Menomini acculturation. (Calif. Univ. Pubs. in culture and society, v 5) Univ. of Calif. press '55 p253-6
- Spiro, M. E. Acculturation of American ethnic groups. Am Anthropol 57:1251-2 D '55
- World federation for mental health. Cultural patterns and technical change; a manual ed. by Margaret Mead. (Tensions and technology ser) UNESCO '53 p321-36

See also

- Culture—Diffusion
Indians of North America—Acculturation
Intercultural education

ACETATES

- Pine, L. and Barker, H. A. Tracer experiments on the mechanism of acetate formation from carbon dioxide by butyribacterium rettgeri. J Bact 68:225-6 Ag '54

ACETIC acid

See also

- 2,4-D (dichlorophenoxyacetic acid)

ACETONE

- London. Science museum. Science library. Some references to substituted acetylacetones. (Bibliog. ser, no759) The library '58 3p

ACETONEMIA

- Johnson, R. B. Ruminant ketosis—deficiency disease or metabolic defect? Am Vet Med Assn J 133:556-7 D 1 '58

ACETONEMIA—Continued

- Marshak, R. R. Pathological physiology of bovine ketosis. *Am Vet Med Assn J* 132: 321-2 Ap 15 '58
- Robertson, W. G. and others. Interrelationships among plasma 17-hydroxycorticosteroid levels, plasma protein-bound iodine levels, and ketosis in dairy cattle. *J Dairy Sci* 40:736-8 Jl '57
- Shaw, J. C. Ketosis in dairy cattle. *J Dairy Sci* 39:429-34 Ap '56
- Vigue, R. F. Evaluation of some concepts of bovine ketosis from a practitioner's standpoint. *Am Med Vet Assn J* 127:116-19 Ag '55

ACETOPHENETIDIN

- Smith, Paul Kenneth. Acetophenetidin; a critical bibliog. review. (Inst. for the study of analgesic and sedative drugs. Monographs, 4) Interscience '53 incl bibliog

ACHIEVEMENT tests. See Ability—Testing**ACHILLES Tattius, 4th cent**

- Achilles Tatius. *Leucippe and Clitophon*; ed. by Ebbe Vilborg. (*Studia graeca et latina gothoburgensia*, 1) Almqvist '55 p vii-xiii

ACIDITY

- Long, F. A. and Paul, M. A. Application of the H_0 acidity function to kinetics and mechanisms of acid analysis. *Chem R* 57: 1004-10 O '57

See also

Milk—Acid content

ACIDS

See also

- Fusaric acid
Hippuric acid
Malic acid
Tartaric acid
Tetrahydrophthalic acid
Uric acid
Uronic acids

ACIDS, Fatty

- Aaes-Jørgensen, E. and others. Essential fatty acid deficiency. *J Nutrition* 65:640-1; 66:258-9, 482-3 Ag, O, D '58
- Bentley, O. G. and others. Cellulolytic-factor activity of certain short-chain fatty acids for rumen microorganisms in vitro. *J Nutrition* 57:399-400 N '55
- Carroll, K. K. and Richards, J. F. Factors affecting digestibility of fatty acids in the rats. *J Nutrition* 64:422-4 Mr '58
- Deuel, H. J. Newer concepts of the role of fats and of the essential fatty acids in the diet. *Food Res* 20:88-91 Ja '55
- Gensler, W. J. Recent developments in the synthesis of fatty acids. *Chem R* 57:271-80 Ap '57
- Holter, J. B. and others. Determination of volatile fatty acids in bovine blood by isotope dilution. *J Dairy Sci* 42:361-2 F '59
- Lundberg, Walter Oscar, and others. Bibliography on fatty acids in foods and other commodities, 1920-1949. Human nutrition research branch, U.S. Agricultural research service '56 104p
- Pattison, E. Scott, ed. Industrial fatty acids and their applications. Reinhold '59 incl bibliog
- Smith, L. M. and Jack, E. L. Isolation of milk phospholipids and determination of their polyunsaturated fatty acids. *J Dairy Sci* 42:777-9 My '59
- Wiese, H. F. and others. Essential fatty acids in infant nutrition. *J Nutrition* 66: 360, 564, 575-6 N-D '58

ACIDS, Organic

- Buhler, D. R. and others. Conversion of $C^{14}O_2$ and $CH_3-C^{14}O-COOH$ to citric and malic acids in the tomato fruits. *Plant Physiol* 31:195 My '56
- Stafford, H. A. and Loewus, F. A. Fixation of $C^{14}O_2$ into tartaric and malic acids of excised grape leaves. *Plant Physiol* 33:198-9 My '58

ACKERMANN, August, 1883-

- Ackermann, August. *Leitgedanken zur christlichen kunst. Rheintalische volkszeitung* '56 p397-406

Der ACKERMANN aus Böhmen

- Bacon, I. Survey of the changes in the interpretation of Ackermann aus Böhmen: with special emphasis on the post-1940 developments. *Stud Philol* 53:109-13 Ap '56 annot

ACONITASE

- Neilson, N. E. Presence of aconitase and aconitic hydrazine in *aspergillus niger*. *J Bact* 71:361 Mr '56

ACOUSTIC nerve**Tumors**

- Pool, James Lawrence, and Pava, Arthur A. Early diagnosis of acoustic nerve tumors. (Am. lecture ser, pub. no303; a monograph in Am. lectures in surgery) Thomas '57 p 144-9

ACOUSTICAL engineering

- Harris, Cyril M. ed. Handbook of noise control. (McGraw-Hill handbks) McGraw '57 incl bibliog
- Hilliard, J. K. and Fiala, W. T. Methods of generating high-intensity sound with loud-speakers for environmental testing of electronic components subjected to jet and missile engine noise. *Acoust Soc Am J* 30: 537-8 Je '58

ACOUSTICS. See Architectural acoustics; Electroacoustics; Hearing; Music—Acoustics and physics; Sound; Tones**ACRI, Francesco, 1836-1913**

- Paggiaro, Luigi. La filosofia di Francesco Acri. (Il Pensiero moderno; collana di storia della filosofia. Ser 1, v6) CEDAM '53 p69-72

ACTING

- Cole, Toby, and Chinoy, Helen Krich, eds. Actors on acting; the theories, techniques, and practices of the great actors of all times as told in their own words; ed. with introds. and bibliog. notes. 2d ed Crown '54 p551-76

See also

Drama in education

ACTINOMYCETES

- Avery, R. J. and Blank, F. On the chemical composition of the cell walls of the actinomycetales and its relation to their systematic position. *Can J Microbiol* 1:143 O '54
- Romano, A. H. and others. Biochemistry of the actinomycetales. *J Bact* 72:482, 868; 75:289-90 O, D '56, Mr '58
- Waksman, S. A. Species concept among the actinomycetes with special reference to the genus streptomycetes. *Bact R* 21:26-9 Mr '57

ACTINOMYCIN

- Goss, W. A. and Katz, E. Actinomycin formation by streptomycetes cultures. *Ap Microbiol* 5:101-2 Mr '57

ACTOMYOSIN

- Hunt, S. M. V. and Matheson, N. A. Effects of dehydration on actomyosin in fish and beef muscle. *Food Tech* 12:415-16 Ag '58

ACYTELENE black. See Carbon black**ADAM, Karl, 1876-**

- Reding, Marcel, and others, eds. *Abhandlungen über theologie und kirche; festschrift für Karl Adam*. Patmos-verlag '52 p319-20

ADAM of Bremen, ca 1045-1076

- Adam of Bremen. History of the archbishops of Hamburg-Bremen; tr. with an introd. and notes by Francis J. Tschan. (Columbia univ. Records of civilization, sources and studies, no53) Columbia univ. press '59 p230-8

ADAMS, Brooks, 1848-1927

- Beringause, Arthur F. Brooks Adams; a biography. Knopf '55 p392-404

ADAMS, Henry, 1838-1918

- Samuels, Ernest. Henry Adams; the middle years. Harvard univ. press '58 p423-6
- Stevenson, Elizabeth. Henry Adams; a biography. Macmillan '55 p387-405

ADAMS, John, 1735-1826

- Kurtz, Stephen G. Presidency of John Adams; the collapse of federalism, 1795-1800. Univ. of Pa. press '57 p417-40 annot

ADAMS, Walter Sydney, 1876-1956

- Joy, A. H. Walter Sydney Adams. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p 15-31)
- Stratton, F. J. M. Walter Sydney Adams, 1876-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p9-18)

ADAPTABILITY (psychology)

See also

Adjustment (psychology)

ADAPTATION (biology)

- Austin, M. L. and others. Antigenic transformation as adaptive response of *paramecium aurelia* to patulin; relation to cell division. *Physiol Zoöl* 29:286-7 O '56

ADAPTATION (biology)—*Continued*

Society of general physiologists. Physiological adaptation; a symposium held during the meeting of the Society at the Marine biological laboratory, Woods Hole, Mass, Sept. 5-6, 1957; ed. by C. Ladd Prosser. Am. physiological soc. '58 incl bibliog

Sussman, A. S. Physiological and genetic adaptability in the fungi. *Mycologia* 49:40-3 Ja '57

Warburton, F. E. Feedback in development and its evolutionary significance. *Am Natur* 89:138-40 My '55

See also

Acclimatization
Man—Influence of environment
Stress (physiology)

ADAPTATION (psychology) *See* Adjustment (psychology)**ADDING machines.** *See* Calculating machines**ADENINE**

De Serres, F. J. and others. Studies with purple adenine mutants in *neurospora crassa*. *Genetics* 41:676; 42:616-17; 43:204-6 S '56, S '57, Mr '58

ADENOSINETRIPHOSPHATASE

De Villafraña, G. W. Adenosinetriphosphatase activity in developing rat muscle. *J Exp Zool* 127:387-8 N '54

ADHESION

Adhesion and adhesives, fundamentals and practice; papers read at a symposium held at Case inst. of technology in Cleveland, Ohio, and a conference held in London, England. Wiley '54 incl bibliog

ADHESIVES

Adhesion and adhesives, fundamentals and practice; papers read at a symposium held at Case inst. of technology in Cleveland, Ohio, and a conference held in London, England. Wiley '54 incl bibliog

New York. Engineering societies library. Bibliography on adhesive bonding of metals. (Bibliog. no 12) The library '57 23p

See also

Glue

ADIPOSE tissue. *See* Fat**ADIRONDACK mountains**

Adirondack mountain club. Bibliography committee. Adirondack bibliography; a list of bks, pamphlets and periodical articles pub. through the year 1955. The club '58 354p annot

ADJUSTMENT (psychology)

Burchinal, L. and others. Children's personality adjustment and the socio-economic status of their families. *J Genet Psychol* 92:158-9 Je '58

Glanz, Edward Coleman, and Walston, Ernest Baty. Introduction to personal adjustment; a new approach to guidance and counseling. Allyn '58 p329-36

Hanlon, Thomas Everett. Relationship between self-ideal congruence and three measures of adjustment in a nurses training situation. (Catholic univ. of Am. Educational research monographs. v21. no3) Catholic univ. of Am. press '58 p24-5

Hartmann, Heinz. Ego psychology and the problem of adaptation; tr. by David Rapaport. (Am. psychoanalytic assn. Journal. Monograph ser, no 1) Int. univ. press '58 p 109-14

Heyns, Roger William. Psychology of personal adjustment. (Dryden press pubs. in psychology) Dryden '58 incl bibliog

Jourard, Sidney M. Personal adjustment; an approach through the study of healthy personality. Macmillan '58 incl bibliog annot

Lehner, George Frederick John. Explorations in personal adjustment; a guide for self-understanding. 2d ed Prentice-Hall '57 p209-16

Lehner, George Frederick John, and Kube, Ella. Dynamics of personal adjustment. (Prentice-Hall psychology ser) Prentice-Hall '55 incl bibliog

Schneiders, Alexander Aloysius. Personal adjustment and mental health. Rinehart '55 incl bibliog

ADJUSTMENT, Social

Härnqvist, Kjell. Adjustment; leadership and group relations in a military training situation. Almqvist '56 p209-14

ADJUSTMENT, Student. *See* School children—Adjustment**ADKINS, Walter Scott, 1890-1956**

Lonsdale, J. T. Memorial to Walter Scott Adkins (1890-1956) *Geol Soc Am Proc* 1956: 101-2 S '57

Lozo, F. E. Walter Scott Adkins (1890-1956) *Am Assn Pet Geol Bul* 41:788-9 Ap '57

ADLER, Alfred, 1870-1937

Adler, Alfred. Individual psychology of Alfred Adler; a systematic presentation in sels. from his writings; ed. and annot. by Heinz L. Ansbacher and Rowena R. Ansbacher. Basic bks. '56 p465-70

ADMINISTRATION. *See* Management**ADMINISTRATION, Public**

Abstracts. *See* numbers of Administrative science quarterly

Ahmad, Jaleel. Expert and the administrator. Univ. of Pittsburgh press '59 p44-5

Bibliografia sulla pubblica amministrazione. Produttività 8:581-2 Je '57

Carleton college, Ottawa. Library. Selected list of current materials on Canadian public administration. no6. The library '57 19p

Chapman, Brian. Profession of government: the public service in Europe. Macmillan '59 p323-44

Chicago. Joint reference library. Recent publications on governmental problems. The library. *See* numbers

Chicago. University. University college. Summer program in executive development for federal administrators, 1957. The college '57 25p (at end)

Cornell university. Graduate school of business and public administration. Basic library in public administration. (Bibliog. ser, no 1) The school '56 59p

Dimock, Marshall Edward, and Dimock, Gladys Gouveneur (Ogden). Public administration; rev. ed [by the auths. and] Louis W. Koenig. Rinehart '58 incl bibliog

Gladden, Edgar Norman. Essentials of public administration. Staples press '55 incl bibliog annot

Michigan. University. Bureau of government. Comparative public administration; a sel. annot. bibliog. by Jane Weidlund [and others] The university '57 78p

Reviews of books and documents. *See* numbers of Public administration review

Rivera, Juan F. Law of public administration. The author '55 p 1055-60

Scarrow, Howard A. Higher public service of the Commonwealth of Australia. (Duke univ. Commonwealth-studies center. Pubs. no5) Duke univ. press '57 p 161-7 annot

Seckler-Hudson, Catheryn. Organization and management; theory and practice. Am. univ. press '55 p264-314

Simon, Herbert Alexander, and others. Administración pública; tr. de la Escuela de adm. pública para la América central de las Naciones unidas y la Escuela de adm. pública del Colegio de ciencias sociales de la Univ. de Puerto Rico. Eds. de la Univ. de Puerto Rico '56 p543-55

Stene, Edwin Otto, and others. Public administration in the Philippines. (Studies in public adm. no2) Inst. of public adm. Univ. of the Philippines '55 incl bibliog

United nations. International bibliography of public administration. Bibliographie internationale de l'administration publique. Bibliografia internazionale de administración pública. 2d rev ed United nations '57 101p

United States. Civil service commission. Inter-departmental committee on management intern programs. Bibliography; special management intern program for research and development. The committee '57 no

United States. Foreign operations administration. Public administration division. Selected bibliography for public administration representatives. rev ed The division '53 39p

Van Riper, P. P. Survey of materials for the study of military management. *Am Pol Sci R* 49:828-50 S '55

Waldo, Dwight. Study of public administration. (Doubleday short studies in political science. 11) Doubleday '55 p71-2

Wasserman, Paul. Information for administrators; a guide to pubs. and services for management in business and government. Cornell univ. press '56 p293-304 annot

See also

Administrative law
Bureaucracy
Civil service

- ADMINISTRATION OF JUSTICE.** See Justice, Administration of
- ADMINISTRATIVE LAW**
Bibliography on administrative law (1940-1954). *Int. R. Adm. Sci.* 23 no2:25(-61) '57
United States. Department of the army. Army library. Selected bibliography in constitutional law and administrative law, with reference list; rev. to date by Clayton R. Gibbs. The library '55 61p
- ADOLESCENCE**
Ausubel, David Paul. Theory and problems of adolescent development. Grune '54 incl bibliog
Balsler, Benjamin Harris, ed. Psychotherapy of the adolescent. *Int. univ. press* '57 p259-62
Bernard, Harold Wright. Adolescent development in American culture. (Professional bks. in education) World bk. co. '57 incl bibliog
Bloch, Herbert Aaron, and Niederhoffer, Arthur. Gang: a study in adolescent behavior. Philosophical lib. '58 p221-7
Cole, Luella Winifred. Psychology of adolescence; in association with Irma Nelson Hall. 5th ed Rinehart '59 incl bibliog
Crow, Lester Donald, and Crow, Alice. Adolescent development and adjustment. McGraw '56 incl bibliog
Eichorn, D. H. and McKee, J. P. Physiological instability during adolescence. *Child Develop* 29:266-8 Je '58
Erickson, R. J. Adolescent within the family. *J Child Psychiat* 3:135-6 Ag '56
Frank, Mary (Hughes) and Frank, Lawrence Kelso. Your adolescent at home and in school. Viking '56 p315-29
Garrison, Karl Claudius. Psychology of adolescence. 5th ed Prentice-Hall '56 incl bibliog
Gesell, Arnold Lucius, and others. Youth; the years from ten to sixteen. Harper '56 p517-23
Gordon, C. Wayne. Social system of the high school; a study in the sociology of adolescence; with a foreword by Stuart A. Queen. Free press '57 p 177-8
Jersild, Arthur Thomas. Psychology of adolescence. Macmillan '57 p385-421
Kiell, Norman. Adolescent through fiction; a psychological approach. *Int. univ. press* '59 incl bibliog
Korn, W. Änderungen der biologischen entwicklung im jugendalter. (Beiträge zur anthropologie, no2) Verlag für kunst & wissenschaft '53 p60-70
Landis, Paul Henry. Understanding teenagers. Appleton '55 p241-6 annot
Montagu, Ashley. Reproductive development of the female, with especial reference to the period of adolescent sterility; a study in the comparative physiology of the infecundity of the adolescent organism. Julian press '57 p205-25
Remmers, Hermann Henry, and Radler, Don H. American teenager. Bobbs '57 p261-7 annot
Smith, W. D. and Lebo, D. Some changing aspects of the self-concept of pubescent males. *J Genetic Psychol* 88:73-5 Mr '56
Strang, Ruth. Adolescent views himself; a psychology of adolescence. McGraw '57 incl bibliog
Wattenberg, William Wolff. Adolescent years. Harcourt '55 incl bibliog annot
Wittenberg, Rudolph, M. Adolescence and discipline; a mental hygiene primer. Assn. press '59 p313-18
- Fiction**
- Kiell, Norman. Adolescent through fiction; a psychological approach. *Int. univ. press* '59 p293-306
- ADOPTION**
Charnley, Jean. Art of child placement. Univ. of Minn. press '55 p255-61
Child welfare league of America, incorporated. Child welfare league of America standards for adoption service. The league '59 p73-4
Child welfare league of America, incorporated. Study of adoption practice, by Michael Schapiro. The league '56-'57 3v incl bibliog
Doss, Carl, and Doss, Helen. If you adopt a child. Holt '57 p363-6 annot
- ADRENAL GLANDS**
Calhoun, T. B. and Angerer, C. A. Adrenal cortical extract on the oxygen consumption of normal frogs. *Physiol Zool* 28:345 O '55

- Chavin, W. Pituitary-adrenal control of melanization in xanthic goldfish, *carassius auratus* L. *J Exp Zool* 133:33-6 O '56
Christian, J. J. Adrenal and reproductive responses to population size in mice from freely growing populations. *Ecology* 37:273 Ap '56
Jones, Ian Chester. Adrenal cortex. Cambridge '57 p246-301
Lough, C. D. Adrenocortical activity in relation to the density and dynamics of three confined populations of *Microtus pennsylvanicus*. *Ecology* 37:712-13 O '56
Martinovitch, P. N. Infantile rat adrenal transplanted into the anterior eye chamber of adrenalectomized hosts after cultivation in vitro. *J Exp Zool* 129:119-20 Je '55
Schwartz, Jean. L'exploration fonctionnelle de la cortico-surrénale par les stéroïdes; préf. de J. Warter; avant-propos de G. Pincus. Masson '53 p 133-67
West, G. B. Comparative pharmacology of the suprarenal medulla. *Q R Biol* 30:134-7 Je '55
- See also*
Adrenalin
- Surgery**
- Ferrand, Jacques, and Elbaz, Claude. La surrénalectomie bilatérale dans le traitement des artérites malignes; préf. du professeur P. Goinard. Expansion scientifique française '58 p203-22
- ADRENALIN**
Griffith, Frederick Reece. Adrenaline, adrenogenic-sympathomimetic and adrenolytic-sympatholytic drugs; an index and annot. bibliography. The author '56 2v in 3
- ADRENOCORTICOTROPIC hormones.** See ACTH
- ADSORPTION**
Boudart, M. J. and Parravano, G. Chemisorption and surface catalysis. *Ind & Eng Chem* 49:613 Mr '57
Deitz, Victor Reuel. Bibliography of solid adsorbents, 1943 to 1953; an annot. bibliog. survey. (Circ. 566) U.S. Nat. bur. of standards '56 1528p
Harris, B. L. Adsorption. *Ind & Eng Chem* 47:513-17, 48:478-81; 49:466-9; 50:426-7; 51:342-3 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
Tomes, L. A. and others. Some factors affecting the surface area of hydrated Portland cement as determined by water-vapor and nitrogen adsorption. *J Res Nat Bur Stand* 59:363-4 D '57
- See also*
Absorption
Adhesion
Ion exchange
- ADSORPTION IN SOILS.** See Soil adsorption
- ADULT education.** See Education of adults
- ADVENTURE and adventurers**
Noyce, Wilfrid. Springs of adventure. World pub. '58 p241-8
- See also*
Discoveries (in geography)
Frontier and pioneer life
Seafaring life
Shipwrecks
Voyages and travels
- ADVERTISING**
Advertising federation of America. Bureau of research and education. Books for the advertising and marketing man; a classified bibliog. on advertising, marketing, selling and related subjects. rev ed The bureau '57 37p
—Supplement. The bureau '58 16p
Advertising research foundation. Short annotated bibliography of marketing and advertising research. The foundation '53 28p
Angel, Juvenal Londoño. Careers in advertising. 3d ed rev & enl (Monograph v 1, no5) World trade '59 p29-30
Book reviews. See numbers of Journal of marketing
Burton, Philip Ward. Principles of advertising. Prentice-Hall '55 p519-26
Day, Kenneth. Typography of press advertisement; a practical summary of principles and their application; with a foreword by Lord Mackintosh of Halifax. Macmillan '56 p293-300
Dunn, Samuel Watson. Advertising copy and communication. (McGraw-Hill ser. in advertising and selling) McGraw '56 incl bibliog

ADVERTISING—Continued

- Gilbert, Eugene. Advertising and marketing to young people. Printers ink '57 incl bibliog
Groesbeck, Kenneth. Advertising agency success; principles, management, functions, performance. Harper '58 p252-6
Harris, Ralph, and Seldon, Arthur. Advertising in a free society. Inst. of economic affairs, London '59 p211-12
Hepner, Harry Walker. Modern advertising; practices and principles. McGraw '56 incl bibliog
Marketing articles in review. See numbers of Journal of marketing
Martineau, Pierre. Motivation in advertising; motives that make people buy. (McGraw-Hill ser. in advertising and selling) McGraw '57 p203-6
Pease, Otis A. Responsibilities of American advertising; private control and public influence, 1920-1940. (Yale publs. in Am. studies, 2) Yale univ. press '58 p204-21 annot
See also
Mail order business
Marketing
Salesmen and salesmanship
Trading stamps
- History**
Wood, James Playsted. Story of advertising. Ronald '58 p503-8
- Laws and regulations**
Simon, Morton J. Law for advertising and marketing. Norton '56 p599-603
- ADVERTISING, Outdoor**
Association of national advertisers. Outdoor advertising committee. Essentials of outdoor advertising. 2d ed The association '58 p 135-8
- AEKEN, Hieronymus van.** See Bosch, H.
- AENEAS Tacticus, 4th cent B.C.**
Barends, Daniël. Lexicon aeneum; a lexicon and index to Aeneas 'Tacticus' military manual On the defence of fortified positions. Van Gorcum '55 p 170-4
- AERATION**
Finn, R. K. Agitation-aeration in the laboratory and in industry. Bact R 18:270-4 D '54
Plunkett, B. E. Influence of factors of the aeration complex and light upon fruit-body form in pure cultures of an agaric and a polypore. Ann Bot 20:584-5 O '56
Sun, C. N. Growth and development of primary tissues in aerated and non-aerated roots of soybean. Torrey Bot Club Bul 82: 501-2 N '55
- AERATION of soils.** See Soil aeration
- AERIAL bombing.** See Bombing, Aerial
- AERIAL bombs.** See Bombs
- AERIAL navigation.** See Navigation (aeronautics)
- AERIAL photography.** See Photography, Aerial
- AEROCRETE.** See Concrete, Porous
- AERODYNAMICS**
Abramson, H. Norman. Introduction to the dynamics of airplanes. Ronald '58 incl bibliog
Applied mechanics review. Am. soc. of mechanical engineers. See numbers
Bartz, D. R. Approximate solution of compressible turbulent boundary-layer development and convective heat transfer in convergent-divergent nozzles. Am Soc Mech Eng Trans 77:1243-4 N '55
Dommasch, Daniel Otto, and others. Airplane aerodynamics. 2d ed (Pitman aeronautical publs. Aeronautical engineering ser) Pitman '57 incl bibliog
Ehrlicke, K. A. Satelloid. Astronautica Acta 2 no2:99-100 '56
Fung, Yuan Cheng Bertram. Introduction to the theory of aeroelasticity. (Galcit aeronautical ser) Wiley '55 incl bibliog
Küchemann, D. and Redshaw, S. C. Some problems in aerodynamics and their solution by electrical analogy. Roy Aero Soc J 60:195-7 Mr '56
Miele, A. Some recent advances in the mechanics of terrestrial flight. Jet Propulsion 28:586-7 S '58
Press, H. Time series problems in aeronautics. Am Stat Assn J 50:1038-9 D '55

- Rosner, D. E. Recent advances in convective heat transfer with dissociation and atom recombination. Jet Propulsion 28:450-1 JI '58
Sabatiuk, A. and Sisto, F. Survey of aerodynamic excitation problems in turbomachines. Am Soc Mech Eng Trans 78:563 Ap '56
Sechler, E. E. Inelastic buckling from a designer's viewpoint. J Aero Sci 23:505-6 My '56
Van Every, K. E. Solved and unsolved aerodynamic problems. Aero Eng R 14:47-8 N '55
Von Kármán, T. Some significant developments in aerodynamics since 1946. J Aero/Space Sci 26:142-4+ Mr '59
Warren, C. H. E. Recent advances in the knowledge of transonic air flow. Roy Aero Soc J 60:251-2 Ap '56
See also
Aeroelasticity
Air flow
Airplane stability and stabilizers
Airplanes—Vibration
Boundary layer
Shock waves
Wind tunnels

Electric analogies

- Küchemann, D. and Redshaw, S. C. Some problems in aerodynamics and their solution by electrical analogy. Roy Aero Soc J 60:195-7 Mr '56

History

- Pritchard, J. L. Dawn of aerodynamics. Roy Aero Soc J 61:170-80 Mr '57
- AERODYNAMICS, Supersonic**
Bershad, D. Laboratory studies of missile re-entry aero-thermodynamics. I S A J 5:71 N '58
Bisplinghoff, R. L. Some structural and aeroelastic considerations of high-speed flight. J Aero Sci 23:320-1 Ap '56
Bogdonoff, S. M. and Kepler, C. E. Separation of a supersonic turbulent boundary layer. J Aero Sci 22:424+ Je '55
Brooklyn, Polytechnic Institute. Proceedings of the conference on high-speed aeronautics. Jan. 20-22, 1955; ed. by Antonio Ferri [and others] The Institute '55 incl bibliog
Cheng, H. K. Aerodynamics of a rectangular plate with vortex separation in supersonic flow. J Aero Sci 22:225-6 Ap '55
Goulard, R. On catalytic recombination rates in hypersonic stagnation heat transfer. Jet Propulsion 28:745 N '58
Kavanau, L. L. Base pressure studies in rarefied supersonic flows. J Aero Sci 23: 207+ Mr '56
Kitchenside, A. W. Effect of kinetic heating on aircraft structures. Roy Aero Soc J 62: 117 F '58
Korkegi, R. H. Transition studies and skin-friction measurements on an insulated flat plate at a Mach number of 5.8. J Aero Sci 23:107 F '56
Miles, John Wilder. Potential theory of unsteady supersonic flow. (Cambridge monographs on mechanics and applied mathematics) Cambridge '59 p 194-208
Morkovin, M. V. On transition experiments at moderate supersonic speeds. J Aero Sci 24:486 JI '57
Santangelo, G. Velivoli supersonici civili con propulsione a reazione mediante turbogetto con post bruciatore. Aerotecnica 37:146 Je '57
Stewart, H. J. Review of source superposition and conical flow methods in supersonic wing theory. J Aero Sci 23:515-16 My '56
Trittt, Robert Wesley. Hypersonic aerodynamics. Ronald '59 incl bibliog
Uchida, S. and Yasuhara, M. Rotational field behind a curved shock wave calculated by the method of flux analysis. J Aero Sci 23: 845 S '56
Van Dyke, M. D. Supersonic blunt-body problem; review and extension. J Aero/Space Sci 25:495-6 Ag '58
Von Kármán, T. Some significant developments in aerodynamics since 1946. J Aero/Space Sci 26:142-4+ Mr '59
Ward, Gifford Norman. Linearized theory of steady high-speed flow. (Cambridge monographs on mechanics and applied mathematics) Cambridge '55 p229-39

AERODYNAMICS, Supersonic—Continued**Heating effect**

Logan, J. G. Recent advances in determination of radiative properties of gases at high temperatures. *Jet Propulsion* 28:797-8 D '58

AERODYNAMICS, Transonic

Brooklyn, Polytechnic institute. Proceedings of the conference on high-speed aeronautics, Jan. 20-22, 1955; ed. by Antonio Ferri [and others] The institute '55 incl bibliog
Guderley, K. Gottfried. Theorie schallnaher strömungen. Springer '57 p363-73
Landahl, Märten T. Theoretical studies of unsteady transonic flow. (Sweden. Flygtekniska försöksanstalten. Meddelande, 77-81) Almqvist '58-'59 5pts incl bibliog

AEROELASTICITY

Abramson, H. Norman. Introduction to the dynamics of airplanes. Ronald '58 incl bibliog
Collar, A. R. Aeroelasticity—retrospect and prospect. *Roy Aero Soc J* 63:13-15 Ja '59

AEROFOILS. See Airfoils**AERONAUTIC charts**

Meine, Karl Heinz, and Reents, Eduard. Die neuzeitlichen Luftfahrkarten und ihre anwendungsbereiche. Eisenhardt '57 p 145-8
United States. Library of Congress. Map division. Aviation cartography; a historico-bibliographic study of aeronautical charts. The division '56 114p

AERONAUTIC engineering

Aero/space reviews; current literature of aeronautical engineering and space technology. See numbers of Aero/space engineering

Aeronautical engineering index, 1954 [-1957] (V8-11) Inst. of the aeronautical sciences '56-'59 4v

IAS previews; summaries of current papers accepted for IAS publications. See numbers of Aeronautical engineering review thru February 1954

International aeronautical abstracts; a review of worldwide scientific and technical literature. See numbers of Aero/space engineering

Van Dyke, M. D. Supersonic blunt-body problem; review and extension. *J Aero/Space Sci* 25:495-6 Ag '58

AERONAUTIC instruments

See also

Airplanes—Electric equipment

AERONAUTIC research

Great Britain. Aeronautical research council. Index of reports and memoranda published in the annual technical reports, 1909-1947. (Reps. and memoranda, no2600) H.M.S.O. '57 29p

Great Britain. Aeronautical research council. Special volumes of technical reports. H.M.S.O. '55-'57 3v incl bibliog

Green, J. J. Growth of aeronautical research in Canada during the post-war decade. *Roy Aero Soc J* 59:325-7 D '55

Maas, I. H. J. van der. Aeronautical research in the Netherlands. *Roy Aero Soc J* 61:327-9 My '57

Roy, M. Means and examples of aeronautical research in France at ONERA; the twenty-second Wright brothers lecture. *J Aero/Space Sci* 26:205-6 Ap '59

AERONAUTICS

Air university periodical index. Libs. U.S. Air univ. See numbers

Aircraft year book, 1956[-1959] official pub. of the Aircraft industries assn. of America. (V38-40) Am. aviation pubs. '57-'59 3v v38, p8+; v39, p 395-6+; v40, p455-7+

Allen, J. E. From aviation to astronautics. *Roy Aero Soc J* 62:630-2 S '58

Bibliography; current literature on aviation; bks. and pamphlets; periodical articles; foreign articles. See numbers of Journal of air law and commerce

Casey, Virginia. English teaching aids for a stronger America; with the editorial assistance of Liesette J. McHarry. (Our world of flight ser. Circ. serA, no51; Ill. curriculum program. Bul. no22, ptE) Nat. aviation education council '55 p49-93 annot

Combustion colloquium. 3d. Palermo, 1958. Combustion and propulsion, third AGARD colloquium: noise, shock tubes, magnetic effects, instability and mixing; incl. 4 sel. papers presented at the Washington AGARD meeting; eds. M. W. Thring (and others) Pergamon press '58 incl bibliog

Fritsch, Emery G. Science teaching aids for a stronger America; with the editorial assistance of Paul B. Hale. (Our world of flight ser. Circ. serA, no51; Ill. Curriculum program. Bul. no22, ptA) Nat. aviation education council '55 incl bibliog

Great Britain. Aeronautical research council. Special volumes of technical reports. H.M.S.O. '55 incl bibliog

IAS previews; summaries of current papers accepted for IAS publications. See numbers of Aeronautical engineering review thru February 1954

International aeronautical abstracts; a review of worldwide scientific and technical literature. See numbers of Aero/space engineering

Merwin, Jack Clifford. Mathematics teaching aids for a stronger America; prepared for the Ill. curriculum program—Aviation education project; with the editorial assistance of Paul B. Hale. (Our world of flight ser. Circ. serA, no51; Ill. curriculum program. Bul. no22, ptB) Nat. aviation education council '55 incl bibliog

National turbine powered air transportation meeting. Proceedings of the 1st meeting, Seattle, Wash., Aug. 9-11, 1954. Inst. of aeronautical sciences '55 incl bibliog

Netherlands. National luchtvaartlaboratorium. List of reports. 2d ed The laboratory '52 vp

Special libraries association. Military librarians division. Aeronautics: 100 titles for the large public library. (Military bibliogs, no3) Air univ. lib. '56? 9p

United States. National advisory committee for aeronautics. Annual report, 39th[-44th] 1953[-1958] U.S. Gov. ptg. office '55-'59 6v incl bibliog

United States. National advisory committee for aeronautics. NACA-university conference on aerodynamics, construction, and propulsion [held at] Lewis flight propulsion laboratory, Cleveland, Oct. 20, 21, and 22, 1954. The committee '54 3v incl bibliog

United States. National advisory committee for aeronautics. NACA conference on some problems of aircraft operation [at] Lewis flight propulsion laboratory, Cleveland, Nov. 17, 18, 1954. The committee '55? incl bibliog

United States. Superintendent of documents. Aviation. (Price list 79, 9th ed) U.S. Gov. ptg. office '59 37p

See also

Aerodynamics

Aircraft industry

Airplanes

Airports

Airships

Balloons

Flying saucers

Interplanetary voyages

Meteorology, Aeronautic

Navigation (aeronautics)

Rockets (aeronautics)

Charts, diagrams, etc.

See Aeronautic charts

Dictionaries

International civil aviation organization. Bibliography of aviation dictionaries. The organization '57 14p

History

Bishop, Richard W. From kite to Kitty Hawk. Crowell '58 p202-4

Pépin, Eugene. Géographie de la circulation aérienne; préf. du Dr Ed. Warner. (Géographie humaine, 26) Gallimard '56 p319-26

Pritchard, J. L. Sir George Cayley, bart; the father of British aeronautics. *Roy Aero Soc J* 59:108-9 F '55

United States Air university. Libraries. Bibliography of periodical literature commemorating 50 years of powered flight, 1903-1953. (Special bibliogs, no34) Maxwell air force base '54 27p

Insurance

See Insurance, Aviation

Juvenile literature

National aviation council. Materials of instruction committee. Aviation education bibliography (elementary school) comp. by Kathryn S. Howie. The council '56 27p

AERONAUTICS—Juvenile literature—Continued
Syracuse. Board of education. City school district. Aviation units for the primary grades. (Curriculum buls) Nat. aviation education council '59 p26-9

Laws and regulations

Honig, Jan Piet. Legal status of aircraft. Nijhoff '56 p205-8
London. University. Institute of advanced legal studies. Union list of air law literature in libraries in Oxford, Cambridge and London. (Pub. 4) The institute '56 54p
McNair, Sir Arnold Duncan. Law of the air; 2d ed. by Michael R. E. Kerr and Robert A. MacCrindle. Stevens '53 p469-70
Michigan. State library. Law division. Bibliography on the law of aviation. airports and airspace. The library '58 15p
Pepin, E. Development of the national legislation on aviation since the Chicago convention. J Air Law & Com 24:20-3 Winter '57
Schrifttum. See numbers of Zeitschrift für Luftrecht

See also

Air traffic control
Airspace (international law)

Medical aspects

Abstracts of current literature. See numbers of Aerospace medicine [formerly Journal of aviation medicine]
Abstracts of papers from scientific program of 1959 meeting of Aero medical association. Statler Hilton Hotel, Los Angeles, April 27-29. J Aviation Med 30:173-211 Mr '59
Abstracts of scientific papers to be presented at meeting of Aero medical association. Denver, Colorado, May 6-8, 1957. J Aviation Med 28:190-225 Ap '57
Berens, Conrad, and Sheppard, Louis Benjamin, eds. Abstracts on military and aviation ophthalmology and visual sciences. Biological sciences foundation '53 2v
Berry, C. A. Role of physical standards in jet and rocket aircraft flight. J Aviation Med 29:640 S '58
Brockmann, M. C. and others. Closed cycle biological systems for space feeding. Food Tech 12:453-4, 458 S '58
Clarke, N. P. and others. Human tolerance to prolonged forward and backward acceleration. J Aviation Med 30:20-1 Ja '59
Henry, J. P. Some correlations between psychologic and physiologic events in aviation biology. J Aviation Med 29:178-9 Mr '58
Hodgson, J. G. and Tischer, R. G. Space feeding problems; a bibliography. Food Tech 12:459-60-4 S '58
Institute of technologists. Feeding men during space flights; contributions to the session on space feeding. R. G. Tischer, chairman, 18th annual meeting of the Institute, Chicago, May 28, 1958. (Studies in food science and technology. 2) The Institute '58 incl bibliog
—Same. Food Tech 12:429-63 S '58 incl bibliog
Konecni, E. B. and Trapp, R. Calculations of the radiobiologic risk factors in nuclear-powered space vehicles. Aerospace Med 30:505-6 Jl '59
Langham, W. H. Implications of space radiation in manned space flights. Aerospace Med 30:417 Je '59
Lovelace foundation for medical education and research. Albuquerque, New Mexico. Aviation medicine; sel. reviews; ed. by Clayton S. White [and others] pub. for and on behalf of Advisory group for aeronautical research and development. North Atlantic treaty organization. (AGARDograph no25) Pergamon press '58 incl bibliog
Mullinax, P. F. and Beischer, D. E. Oxygen toxicity in aviation medicine. J Aviation Med 29:667 S '58
New books. See numbers of Aerospace medicine [formerly Journal of aviation medicine]
Stumpe, A. R. Health hazards of new aircraft and rocket propellants. J Aviation Med 29:658-9 S '58
United States. Aero medical laboratory. Selected bibliography concerning physiological factors in aero-medical research and development [by] Joan C. Robinette, Wright-Patterson air force base, Ohio, U.S. Wright air development center '57 42p
United States. Bureau of medicine and surgery. Aviation medicine practice; prepared by the Aviation medicine division. The bureau '55 incl bibliog

United States. Library of Congress. Science and technology division. Bibliography section. Aviation medicine; an annot. bibliog: 1952[-1953] literature. (V 1-2) Aero medical assn. '56-'59 2v

United States. National library of medicine. Bibliography of space medicine. (U.S. Public health service. Pub. no617; Public health bibliog. ser. no21) Reference div. '58 49p

United States. School of aviation medicine. Epitome of space medicine [research reports and articles from scientific journals] The school '57 incl bibliog

United States. School of aviation medicine. Subject index of School of aviation medicine research reports, January 1942-December 1956. The school '57? 72p

Zarriello, J. J. and Acker, J. J. Spontaneous pneumothorax in flight. Aerospace Med 30:423 Je '59

See also

Aeronautics—Psychology

Bibliography

Jacobius, A. J. Published bibliographies of aerospace medicine and related fields. Aerospace Med 30:513-16 Jl '59

Physiological aspects

Bevan, William, and Patton, Rollin M. Fatigue, stress, bodily change, and behavior; sel. bibliography. (U.S. Wright air development center, WADC technical rep. 57-125) Air research & development command, U.S. air force '57 64p
International civil aviation organization. Flight crew fatigue and flight time limitations. (Circ. 52-AN/47) The organization '57 p69-70
McFarland, R. A. Human problems associated with high-speed and high-altitude flight. Am Soc Mech Eng Trans 77:757-8 Jl '55
United States. School of aviation medicine. Physiological training. 2d ed Gunter branch, School of aviation medicine, USAF, Air univ. '56 p305-6

Psychology

Bevan, William, and Patton, Rollin M. Fatigue, stress, bodily change, and behavior; sel. bibliography. (U.S. Wright air development center, WADC technical rep. 57-125) Air research & development command, U.S. air force '57 64p
Fokkema, Sipke Dirk. Psychologische beschouwingen over het leren vliegen en over het onderzoek naar de geschiktheid als vlieger. Wolters '54 p292-6
Henry, J. P. Some correlations between psychologic and physiologic events in aviation biology. J Aviation Med 29:178-9 Mr '58

Safety measures

Kysor, Harley D. Aircraft in distress; a study of the broad field of aircraft assistance and distress operations, flying safety, aircraft emergencies and evacuation, rescue aircraft interception procedures, distress communications and procedures, aircraft emergency landing and ditching procedures, and first-aid and survival. Chilton '56 p425-7

Research in progress

Cornell university. Daniel & Florence Guggenheim aviation safety center. Survey of research projects in the field of aviation safety; 2d(8th) annual supplement. The center '53-'59 7v

Study and teaching

Miller, Robert Bruce. Handbook on training equipment and training design. (WADC technical rep. 53-136) U.S. Wright air development center '53 p293-332
National aviation council. Materials of instruction committee. Aviation education bibliography (elementary school) comp. by Kathryn S. Howie. The council '56 27p
—Same [and incl. a new sup. sec. Air age teaching aids] comp. by Kathryn S. Howie. rev ed The council '57 19p annot

Terminology

Stubelius, Svante. Airship, aeroplane, aircraft English. (Göteborg studies in English. 7) Almqvist '58 p330-42

AERONAUTICS—Continued

Canada

Green, J. J. Growth of aeronautical research in Canada during the post-war decade. *Roy Aero Soc J* 59:825-7 D '55

Russia

United States. Library of Congress. Reference department. Aeronautical sciences and aviation in the Soviet Union; comp. by Bertha Kuchero. The library '55 274p

AERONAUTICS, Commercial

Frederick, John Hutchinson. Commercial air transportation. 4th ed Irwin '55 p501-6

Sealy, Kenneth R. Geography of air transport. (Hutchinson univ. lib: Geography) Kinehart '58 incl bibliog

Tyler, Poyntz, ed. Airways of America. (Reference shelf, v30, no6) Wilson '58 p 181-9

United States. Civil aeronautics administration. Aircraft at work [prepared by A. D'Arcy Harvey and Dorothy E. Wilkins] The administration '52 p53-62

Wheatcroft, Stephen. Economics of European air transport. Harvard univ. press '56 p347-50

AERONAUTICS, Military

Christensen, Julien M. and Collins, Harry R. Reports of research in the field of engineering psychology. (WADC technical rep. 53-75) U.S. Wright air development center '53 25p

Estep, Raymond. Air power bibliography. (Air univ.-documentary research study, AU-252-54-RS1) Maxwell air force base, Documentary research div, Research studies inst, Air univ. '56 200p

United States. Air force. USAF historical division. Studies and histories prepared by the Division, Research studies institute, Air university, as of 1 September 1956. Maxwell Air force base '56 11p

United States. Army aviation school. Camp Rucker, Alabama. Library. Air mobility and the army. (Special bibliog. no2) The library '58 8p

United States. Army aviation school. Camp Rucker, Alabama. Library. Army aviation. rev ed (Special bibliog. no 1) The library '58 16p

United States. Bureau of aeronautics (Navy department). Naval aeronautic publications index. The bureau '58 1v

See also

Air defenses

Air power

World war, 1939-1945—Aerial operations

AERONAUTICS as a profession

Neal, Harry Edward. Skybuilders; your career in aviation. Messner '58 p 184-8

AERONAUTICS in agriculture

Colwell, R. N. Determining the prevalence of certain cereal crop diseases by means of aerial photography. *Hilgardia* 26 no5:284-6 N '56

United States. Civil aeronautics administration. Aircraft at work [prepared by A. D'Arcy Harvey and Dorothy E. Wilkins] The administration '52 p53-62

United States. Department of agriculture Library. Aircraft in agriculture; a sel. list of references; comp. by Nellie G. Larson. (Lib. list no65) The library '58 24p annot

AEROPLANES. See Airplanes

AEROSOLS

Gordieyeff, V. A. Some properties of unipolarly charged aerosols. *AMA Archives Ind Health* 14:479-81 N '56

Kethley, T. W. and others. Nature and composition of experimental bacterial aerosols. *Ap Microbiol* 5:8 Ja '57

Morrow, P. E. and others. Experimental study of aerosol deposition in human subjects. *AMA Archives Ind Health* 18:296-8 O '58

Scheffy, William John. Bibliography on aerosols, 1950-1955; sup. to Rep. no SO-1003. U.S. Atomic energy comm. '56 1v

AESCHYLUS, 525-456 B.C.

Long, H. S. Notes on Aeschylus' Prometheus bound. *Am Philos Soc Proc* 102:279-80 Je '58

Untersteiner, Mario. Le origini della tragedia e del tragico dalla preistoria a Eschilo. new ed (Saggi, 194) Einaudi '55 p583-98

AESTHETICS. See Esthetics

AFARA (African tribe)

Lewis, I. M. Peoples of the Horn of Africa: Somali, Afar, and Saho. (Ethnographic survey of Africa: North Eastern Africa, pt 1) *Int. African inst.* '55 p 177-94

AFFLICTION

Ditzen, Lowell Russell. Storm and the rain-bow; ways to understand and meet our personal tragedies. Holt '59 p 117-18

See also

Joy and sorrow

AFGHANISTAN

Ali, Mohammed. New guide to Afghanistan. 2d ed (Pub. no39) Historical soc. of Afghanistan '55 p 107-31

Central Asian research centre. Bibliography of Russian works on Afghanistan. The center '56 12p

Wilber, Donald Newton, ed. Afghanistan; contributors: Elizabeth E. Bacon (and others) (Country survey ser) Human relations area files '56 p461-77, 495-501

Wilber, Donald Newton. Annotated bibliography of Afghanistan. (Behavior science bibliogs) Human relations area files '56 220p

Antiquities

Dupree, Louis. Shamshir Ghar: historic cave site in Kandahar province, Afghanistan. (Anthropological papers, v46, pt 2) *Am. museum of natural history* '58 p299-304

AFRICA

African abstracts. *Int. African inst.* See numbers

Bibliographie africaniste. *Soc African J* 23 no 1/2:147-212; 24 no2:147-226; 25 no 1/2:101-91; 26 no 1/2:291-356; 27 no2:221-78 '53-'57

Bibliography. See numbers of African affairs Bibliography of current publications. See numbers of Africa

Bojarski, E. A. Soviet scholarship on Africa, 1943-1954. *Q R Higher Educ Negroes* 25: 215-26 O '57

Brunschwig, H. L'Afrique britannique. *R Hist* 81:86-115 J1 '57

Fitzgerald, Walter. Africa; a social, economic and political geography of its major regions; 8th ed. rev. by W. C. Brice. (Methuen's advanced geographies) Dutton '55 incl bibliog

Gunther, John. Inside Africa. Harper '55 p895-906

Howard university, Washington, D. C. Library. Moorland foundation. Catalogue of the African collection in the Moorland foundation, Howard university library; comp. by students in the Program of African studies; ed. by Dorothy Porter. Howard univ. press '58 398p

Institut d'études centrafricaines. Bibliothèque. Catalogue de la Bibliothèque de l'I.E.C. (matières, auteurs et périodiques) [par] Jeanine Lambert. (Mémoires, no4) Impr. Charité '51 152p

—Supplément no 1, 1 janv. 1951/31 mars 1953.

The institute '53 232p

International African institute. Select annotated bibliography of tropical Africa; comp. under the direction of Daryll Forde. The institute '56 vp

International labor office. Library. Africa. Afrique. (Bibliog. contributions, no 16) The library '53 97p

Mylius, Norbert. Afrika bibliographie, 1943-1951. Verein Freunde der völkerkunde '52 237p

South African institute of international affairs. Africa library. Books, pamphlets and periodicals, list no 1. The library '51 20p

Worley Parker. Africa today. rev ed Roscoe L. West lib. Trenton state college '59 23p annot

Antiquities

Alimen, Henriette. Préhistoire de l'Afrique. Bouée '55 incl bibliog

—Same; with title: Prehistory of Africa; tr. by Alan Houghton Brodrick. Hutchinson '57 incl bibliog

Balout, Lionel. Préhistoire de l'Afrique du Nord, essai de chronologie. Arts & métiers graphiques '55 p493-522

DeGraft-Johnson, John Coleman. African glory; the story of vanished Negro civilizations. (Bks. that matter) Praeger '55 p 195-202

Discovery and exploration

Simmons, Jack. Livingstone and Africa. (Teach yourself history lib.) Macmillan '55 p 174-6 annot

AFRICA—Continued

Economic conditions

Hance, William Adams. African economic development. (Council on foreign relations. Pubs) Harper '58 p291-6

Native races

Bibliography of current publications. See numbers of Africa

Eisenstadt, S. N. Primitive political systems: a preliminary comparative analysis. *Am Anthropol* 61:218-20 Ap '59

Johannesburg. Public library. African native tribes; rules for the classification of works on African ethnology in the Strange coll. of Africana with an index of tribal names and their variants. The library '56 p d-1

Maistriau, Robert. L'intelligence noire et son destin. Eds. de problèmes d'Afrique centrale '57 p225-34

Richards, Audrey Isabel. Chisungu; a girls' initiation ceremony among the Bemba of northern Rhodesia. Grove '56 p213-16

See also

Bantus

Periodicals

United States. Library of Congress. Reference department. Periodicals on Africa currently received in selected American libraries. The department '56 34p

Politics

Adam, Thomas Ritchie. Government and politics in Africa, south of the Sahara. (Studies in political science, 28) Random house '59 p 141-5

Carter, Gwendolyn Margaret, and Brown, William Oscar, eds. Transition in Africa: studies in political adaption. (Boston univ. African research and studies program. African research studies, no 1) Boston univ. press '53 p 121-53

Religion

Lindskog, Birger. African leopard men. (Studia ethnographica upsaliensia, 7) W. S. Heinman '54 p207-15

Social life and customs

Gluckman, Max. Custom and conflict in Africa. Free press '56 p 166-73 annot

AFRICA, Central

Bridgers, Emily. Africa: south of the Sahara. (Lib. extension pub, v21, no 1) Univ. of N.C. lib. '55 p42-3

Missionary research library. Africa south of the Sahara; a sel. and annot. bibliog. of bks. in the Library on Africa and African countries south of the Sahara; comp. by Robert L. Lehman; ed. by Frank W. Price. The library '59 65p

Munger, Edwin S. Selected, current, annotated bibliography on the geography of sub-Saharan Africa drawn from reasonably accessible English sources. The author '56 28p

United States. Library of Congress. General reference and bibliography division. Africa south of the Sahara; a sel. annot. list of writings, 1951-1956; comp. by Helen F. Conover. The division '57 269p

Westermann, Diedrich. Geschichte Afrikas; staatenbildungen südlich der Sahara. Grevenverlag '52 p455-70

Bibliography

South African library. Cape Town. Bibliography of African bibliographies covering territories south of the Sahara. 3d ed (rev. to Aug. 1955) (Grey bibliogs, no6) The library '55 169p

—Supplement. See numbers of South African library. Quarterly bulletin.

Industries and resources

Bertieaux, Raymond. Aspects de l'industrialisation en Afrique centrale; préf. de Alfred Marzorati. Inst. des relations ints. '53 p303-10

AFRICA, East

Economic conditions

Weigt, Ernst. Europäer in Ostafrika; klimabedingungen und wirtschaftsgrundlagen. (Köln geographische arbeiten, no6/7) Geographisches inst, Köln univ. '55 p370-85

History

Marsh, Zoë, and Kingsnorth, G. W. Introduction to the history of East Africa. Cambridge '57 p244-9 annot

AFRICA, French West. See French West Africa

AFRICA, North

Arab information center. Suggested readings on North Africa. 2d ed rev (Bibliog. list no3) The center '55 7p

Moyer, Kenyon Edward. From Iran to Morocco, from Turkey to the Sudan: a sel. and annot. bibliog. of North Africa and the Near and Middle East. Missionary research lib. '57 51p

United States. Library of Congress. General reference and bibliography division. North and northeast Africa; a sel. annot. list of writings, 1951-1957; comp. by Helen F. Conover. The library '57 182p

Antiquities

Vaufrey, Raymond. Préhistoire de l'Afrique; v 1, Maghreb. (Tunis (city). Inst. des hautes études. Pubs, v4) Masson '55 p419-35

History

Bovill, Edward William. Golden trade of the Moors. Oxford '58 p249-59

AFRICA, South. See South Africa

AFRICA, Southern

Description and travel

Wells, Arthur Walter. Southern Africa today & yesterday. rev ed Dutton '56 p475-6

Native races

See also

Herero

AFRICA, West

International African institute. West Africa: general ethnography, sociology, linguistics; comp. by Ruth Jones [and others] (Africa bibliog. ser) The institute '58 116p

Social conditions

Little, K. Role of voluntary associations in West African urbanization. *Am Anthropol* 59:595-6 Ag '57

AFRICAN art. See Art, African

AFRICAN clawed toads. See *Xenopus laevis*

AFRICAN languages

Bibliography of current publications. See numbers of Africa

Welmers, William Everett, and Sloan, Ruth C. Preliminary survey of existing resources for training in African languages and linguistics. Georgetown univ. press '57 p 111-12, 119-34

Westermann, Diedrich, and Bryan, Margaret Arminel. Languages of west Africa. (Handbk. of African languages, pt2) Oxford '52 p 178-201

See also

Bantu languages

AFRICAN sculpture. See Sculpture, Negro

AFRIKAANS literature

History and criticism

Leeuwen, Willem Lion Marinus Ernest van, and others, eds. Dichterschap en werkelijkheid; geïllustreerde literatuurgeschiedenis van Noord- en Zuid-Nederland en Zuid-Afrika. 3d enl ed W. de Haan '51 p445-71

AFTER images

Conklin, J. E. Influence of figural inspection on visible movement. *Northwest Sci* 30:93-8, 142-5 Ag-N '56

McEwen, Peter. Figural after-effects. (British journal of psychology. Monograph sups, 31) Cambridge '58 p98-103

Sagara, M. and Oyama, T. Experimental studies on figural aftereffects in Japan. *Psychol Bul* 54:336-8 Jl '57

Spitz, H. H. Present status of the Köhler-Wallach theory of satiation. *Psychol Bul* 55:25-8 Ja '58

Spivack, G. and Levine, M. Spiral aftereffect and measures of satiation in brain-injured and normal subjects. *J Personality* 27:225-7 Je '59

Train, L. E. and Walthall, W. J. Comparison of figural after-effects from the perception of real and of apparent movement. *J Gen Psychol* 59:165-6 O '58

Wertheimer, M. Figural aftereffect as a measure of metabolic efficiency. *J Personality* 24:72-3 S '55

AFTER sensations. See After images

AFTERBIRTH. See Placenta

AGAFONOFF, Valérien, 1863-1955
Malychoff, V. and Deicha, G. Valérien Agafonoff. *Soc Géol France Bul* 6:458-9 D '56

AGASSIZ, Louis, 1807-1873
Pearle, Catherine Owens. Scientist of two worlds: Louis Agassiz. Lippincott '58 p 181-3

AGAVE
Lima, Oswaldo Gonçalves de. El maguey y el pulque en los códices mexicanos. Fondo de cultura económica '56 p245-59

AGE

Hartsook, E. W. and Mitchell, H. H. Effect of age on the protein and methionine requirements of the rat. *J Nutrition* 60:193-5 O '56

Hillman, R. W. Relation of age and body weight to the frequency of local tissue changes suggestive of malnutrition. *Am J Clin Nutrition* 7:173-4 Mr '59

New Jersey. Bureau of assistance. Annotated bibliography on aging. The bureau '56 61p
United States. Public health service. Division of special health services. References on aging for health personnel; prepared by nursing and nutrition consultants. Chronic disease program. The service '57 19p

Ward, Betty Arnett. Education on the aging; a sel. annot. bibliography. (U.S. Office of education. Bul. 1958, no 11) U.S. Gov. ptg. office '58 145p annot

See also

Old age

AGE and employment

American labor education service. Aging and the aged; annot. bibliog. for use in labor education. The service '59 11p annot

Council of state governments. States and their older citizens; a rep. to the Governors' conference. The council '55 p 167-76 annot

Donahue, Wilma T. ed. Earning opportunities for older workers; foreword by Everett Soop. Univ. of Mich. press '55 p259-73

Minnesota. University. Industrial relations center. Employment of the older worker; an annot. bibliog; prepared for Minn. Dept. of employment security. The center '55 63p

United States. Women's bureau. Bibliography on employment problems of older women; hiring restrictions, psychological barriers, work performance by Jean A. Wells. U.S. Gov. ptg. office '54 89p

United States. Women's bureau. Employment of older women, an annotated bibliography; hiring practices, attitudes, work performance [by Jean A. Wells] The bureau '57 83p

AGENJO, Ramón, 1908-

Agénjo, Ramón. Fauna lepidopterológica almeriense. Consejo superior de investigaciones científicas '52 p367-70

AGGREGATES

Borel, A. and Hirzelbruch, P. Characteristic classes and homogeneous spaces. *Am J Math* 81:380-2 Ap '59

AGGREGATES (building materials)

National research council. Highway research board. Air voids in concrete and characteristics of aggregates [papers] presented at the 37th annual meeting Jan. 6-10, 1958. (Bul. 196) The board '58 p 16, 24, 44-5

National research council. Highway research board. Alkali-aggregate reaction [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 171) The board '58 p 14-15, 32-3, 36

National research council. Highway research board. Committee on durability of concrete—chemical aspects. Chemical reactions of aggregates in concrete; identification of deleteriously reactive aggregates and recommended practices for their use in concrete. (Special rep. 31) The board '58 p 10-12

Study of lightweight aggregates, by J. O. Everhart [and others] (Bul. no 169) Engineering experiment station, Ohio state univ. '58 p23, 43-4, 68-9

AGGREGATION (biology)

Lough, C. D. Adrenocortical activity in relation to the density and dynamics of three confined populations of microtus pennsylvanicus. *Ecology* 37:712-13 O '56

Shaffer, B. M. Aspects of aggregation in cellular slime moulds. *Am Natur* 91:33-5 Ja '57

Williamson, M. H. Selection, controlling factors and polymorphism. *Am Natur* 92:334-5 N '58

AGGRESSION (international law)

Morawiecki, Wojciech. Walka o definicję agresji w prawie międzynarodowym. Państwowe wydawn. naukowe '56 p414-23

Wehberg, Hans. Krieg und Eroberung im Wandel des Völkerrechts. (Völkerrecht und Politik, v 1) Metzner '53 p 121-6

AGGRESSIVENESS

Siegel, A. E. Film-mediated fantasy aggression and strength of aggressive drive. *Child Develop* 27:376-8 S '56

AGNOSTICISM

See also

Positivism

AGOSTINI, Ludovico, 1536-1612

Firpo, Luigi. Lo stato ideale della controriforma; Ludovico Agostini. (Biblioteca di cultura moderna, no522) Laterza '57 p337-71

AGRAPHIA. See Aphasia

AGREEMENTS. See Contracts

AGRICOLA, Georg, 1494-1555

Akademie der wissenschaften, Berlin. Georgius Agricola, 1494-1555; zu seinem 400. todestag 21. nov. 1955. Akademie-verlag '55 p358-70

AGRICOLA, Rudolf, 1443-1485

Ong, Walter Jackson. Ramus and Talon inventory; a short-title inventory of the pub. works of Peter Ramus (1515-1572) and of Omer Talon (ca 1510-1562) in their original and in their variously altered forms; with related material: 1, The Ramist controversies; a descriptive catalogue. 2, Agricola check list: a short-title inventory of some ptd. eds. and ptd. compendia of Rudolph Agricola's Dialectical invention (De inventione dialectica) Harvard univ. press '58 558p

AGRICULTURAL botany. See Botany, Economic

AGRICULTURAL chemicals

See also

Fertilizers and manures

Herbicides

Nitrofurans

Pesticides

AGRICULTURAL chemistry

Schiemann, R. ed. Beiträge aus der agrikulturchemie zu problemen der forschung und praxis [festschrift zum 60. geburtstag von Prof. Dr. Dr. h.c. Nehring] (Deutsche akad. der landwirtschaftswissenschaften, Berlin. Wissenschaftliche abh, no37) Akademie-verlag '58 incl bibliog

United States. Superintendent of documents. Soils and fertilizers. (Price list 46, 52d ed) U.S. Gov. ptg. office '59 8p

See also

Nitrification

Plants—Chemical analysis

Soils

AGRICULTURAL colleges

Eddy, Edward Danforth. Colleges for our land and time: the land-grant idea in Am. education. Harper '57 p302-17

AGRICULTURAL credit

Bogue, Allan G. Money at interest; the farm mortgage on the middle border. Cornell univ. press '55 p277-88

Food and agricultural organization of the United nations. Manual of supervised agricultural credit in Latin America; prepared by Dario B. Brossard. (FAO agricultural development paper no47) The organization '55 p54-5

Resources for the future, incorporated. Forest credit in the United States; a survey of needs and facilities; rep. of a committee. The corporation '58 p 154-7

United States. Superintendent of documents. Farm management. (Price list 68, 42d ed) U.S. Gov. ptg. office '59 22p

AGRICULTURAL education

Allerton house conference on education. Re-planning agricultural education in Illinois schools; a summary of the rep. of Study group X (agriculture). The conference '58 p20-3

Bass, B. C. Adult farmer education. *Ag Educ Mag* 30:108-+ N '57

Gadda, H. W. Improving the farm mechanics program. *Ag Educ Mag* 31:159-61+ Ja '59

Knuti, L. L. Administration and policy making. *Ag Educ Mag* 31:15-+ Jl '58

AGRICULTURAL education—Continued

- Lintner, Julius Harold. Study of the effectiveness of the institutional on-farm training program in Ohio with implications for future programs in adult education. Ohio state univ. '52 p269-79
- Peterson, M. J. and Martens, D. W. What studies show about farming programs. *Ag Educ Mag* 31:61+ S '58
- Torrence, A. P. Study of the relationship of certain competencies to success in teaching vocational agriculture. *J Exp Educ* 24: 30-1 S '56
- United States. Office of education. Vocational division. Summaries of studies in agricultural education; an annot. bibliog. of studies in agricultural education with classified subject index; sup. no91-121 to Vocational div. bul. no 180. (Bul. no263, 265, 272, 275; Agricultural ser. no68-69, 71-72) The office '56-'59 4v
- Walton, E. V. Planning the program in vocational agriculture. *Ag Educ Mag* 31:42+ Ag '58

See also

- Agricultural extension work
Agriculture—Study and teaching

Research in progress

- Studies in progress in agricultural education during 1957-1958. *Ag Educ Mag* 31:20-3 J1 '58

AGRICULTURAL engineering

- Agricultural and horticultural engineering. Scientific intelligence unit. Nat. inst. of agricultural engineering. See numbers
- Food and agriculture organization of the United Nations. Agriculture division. International directory of agricultural engineering institutions. Répertoire international d'institutions de génie rural. Repertorio internacional de instituciones de ingeniería rural; prepared by H. J. Hopfen. The organization '57 p265-78
- Graduate theses in agricultural engineering. *Ag Eng* 36:339-40 My '55
- Henderson, Silas Milton, and Perry, Russel Lawrence. Agricultural process engineering. (Ferguson foundation. Agricultural engineering ser) Wiley '55 incl bibliog
- McColly, Howard Franklin, and Martin, James William. Introduction to agricultural engineering. (McGraw-Hill pubs. in agricultural engineering) McGraw '55 incl bibliog
- Zachariah, P. John, and Philips, Ross. Design and construction of a torsion dynamometer. (Bul. 419T) Agricultural experiment station, W. Va. univ. '58 p28-9

See also

- Forestry engineering
Irrigation

AGRICULTURAL extension work

- Contactgroep opvoering productiviteit. Voorlichting en voorlichtingsmiddelen in de Amerikaanse landbouw. The group '54 p 102-4
- Penders, Joannes Matthijs Antonius, ed. Methods and program planning in rural extension; issued by the Int. agricultural study centre, Wageningen. Veenman '56 p321-4
- Stuttgart. Institut für landwirtschaftliche beratung. Bibliographie der landwirtschaftlichen beratung [veröffentlicht im auftrag des Bundesministeriums für ernährung, landwirtschaft und forsten] (Wissenschaftliche schriftenreihe des AID, no 13) Land- & hauswirtschaftlicher auswertungs- & informationsdienst '55 52p
- United States. National archives. Preliminary inventory of the records of the Extension service (record group 33) comp. by Virgil E. Baugh. (Prelim. inventories, no 83) The archives '55 37p

AGRICULTURAL implements. See Agricultural machinery**AGRICULTURAL labor. See Farm labor****AGRICULTURAL laws and legislation***See also*

- Quarantine, Plant

AGRICULTURAL machinery

- Bainer, Roy, and others. Principles of farm machinery. (Ferguson foundation. Agricultural engineering ser) Wiley '55 incl bibliog
- Budapest. Országos műszaki könyvtár. Földmunkák gépésítése. (Országos műszaki könyvtár iparági bibliográfiái, 14) Tervgazdasági könlvkiadó '53 67p

- Elchibegoff, Ivan M. Production of agricultural machinery in the U.S.S.R. (Rep. no A-32) Council for economic & industry research '55 p 136-9

- Gadda, H. W. Improving the farm mechanics program. *Ag Educ Mag* 31:159-61+ Ja '59

- Segier, Georg. Maschinen in der landwirtschaft. Parey '56 incl bibliog

- Smith, Harris Pearson. Farm machinery and equipment. 4th ed (McGraw-Hill pubs. in agricultural engineering) McGraw '55 incl bibliog

- Stone, Archie A. and Gulvin, Harold Edward. Machines for power farming. Wiley '57 incl bibliog

- Street, James H. New revolution in the cotton economy; mechanization and its consequences. Univ. of N.C. press '57 p253-83

See also

- Plows

AGRICULTURAL meteorology. See Meteorology, Agricultural**AGRICULTURAL pests**

- Frickhinger, Hans Walter. Leitfaden der schädlingbekämpfung. 3d rev ed Wissenschaftliche verlagsgesellschaft '55 p477-81
- New Zealand. Plant diseases division. Plant protection in New Zealand, by J. D. Atkinson (and others) R. E. Owen '56 incl bibliog
- Schmidt, Martin. Landwirtschaftlicher pflanzenschutz. 2d enl ed Deutscher bauernverlag '55 p366-80
- Simmond, F. J. Present status of biological control. *Can Entom* 88:562-3 S '56

See also

- Aeronautics in agriculture
Animals. Predatory
Insects. Injurious and beneficial
Rabbits
Repellents
Snails

AGRICULTURAL research

- Advances in agronomy, v4[1-10] Academic press '52-'58 7v incl bibliog
- American association for the advancement of science. Atomic energy and agriculture; a symposium presented on Dec. 27-29, 1955, at the Atlanta meeting of the Association; ed. C. L. Comar (and others) (Pub. no49) The association '57 incl bibliog
- Blanchard, Joy Richard, and Ostvold, Harald. Literature of agricultural research. (Calif. Univ. Bibliog. guides) Univ. of Calif. press '58 231p annot
- Forsknings- och försöksmeddelanden, 1956[1-1958] Skogs- och Lantbruksakad Tids 96 no 1-2:87-114; 97 no 1:81-104; 98 no 1-2:97-125 '57-'59
- Great Britain. Agricultural research council. Index of agricultural research, 1957. Cambridge '57 189p
- Research projects completed in 1956-57 or in progress. (In Agricultural economics research in Asia and the Far East; study prepared by the ECAFE/FAO Agriculture division. Food & agriculture organization of the United Nations '58 p29-93) annot

See also

- Soil research

AGRICULTURAL societies

- Rip, W. Landbouw en publiekrechtelijke bedrijfsorganisatie. Veenam '52 p260-8

AGRICULTURE

- Abstracts. See numbers of Journal of the science of food and agriculture
- Agricultural index; subject index to a sel. list of agricultural periodicals, bks. and bulletins. Wilson. See numbers
- Algemeene vereniging van rubberplanters ter oostkust van Sumatra. Algemeen proefstation. Bibliotheek. Catalogus van de Bibliotheek van het Algemeen proefstation der A. V. R. O. S. te Medan. The library '57-'58 2v
- Aanvulling, 1. The library '58 1v
- Bibliografia agricola. See numbers of Agronomia tropical
- Bibliographie. See numbers of Revue internationale des industries agricoles
- Bibliographie der landwirtschaftlichen hochschulschriften, 1953-1956. (Leipzig. Deutsche bücherei. Sonderbibliographien, no 14) Verlag für buch- & bibliothekswesen '58 339p
- Blanck, Frederick Conrad, ed. Handbook of food and agriculture. Reinhold '55 incl bibliog
- Dunham, Raymond Starr. Introduction to agronomy. Dryden '57 incl bibliog

AGRICULTURE—Continued

- Dux, Werner, and Fleischhack, Curt. Bibliographie der landwirtschaftlichen hochschulschriften; ein systematisches verzeichnis der titel aller in deutscher sprache in den jahren 1945-1952 an deutschen, schweizerischen und österreichischen universitäten und hochschulen veröffentlichten dissertationen und habilitationsschriften auf dem gebiet der land- und forstwirtschaftswissenschaften; mit einem geleitwort von Dr. Werner Wöhlbein. (Leipzig. Deutsche bücherei. Sonderbibliographien, 1) Verlag für buch- & bibliothekswesen '54 172p
- Fleischhack, Curt, and others. Das schrifttum der landwirtschaft; systematisches verzeichnis der in deutscher sprache erschienenen veröffentlichungen auf dem gebiet der land- und forstwirtschaftswissenschaften einschliesslich gartenbau, fischwirtschaft und jagd; v 1. Einzelveröffentlichungen 1945-1954; hrsg. vom Ministerium für land- und forstwirtschaft, Abt. Landwirtschaftliche propaganda. (Leipzig. Deutsche bücherei. Sonderbibliographien, 5) Verlag für buch- & bibliothekswesen '56 464p
- Förteckning över lantbrukslitteratur anskaffad till de svenska lantbruksbiblioteken. See numbers of K. Skogs- och lantbruksakademien, Stockholm. Tidskrift
- George, Pierre. La campagne; le fait rural à travers le monde. Presses univ. de France '56 incl bibliog
- Georgia. University. College of agriculture. Aids for library research in agriculture. The college '55? 19p
- Great Britain. Ministry of agriculture, fisheries and food. Library. Selected and classified list of books relating to agriculture, horticulture, etc. 4th ed (Gt. Brit. Ministry of agriculture, fisheries and food. Bul. no78) H.M.S.O. '58 96p
- Library association. County libraries section. Agriculture. 2d ed (Readers' guide, new ser, no4) The section '56 75p
- National book league, London. Country books; a list of bibliogs. and the organisations that publish them. The league; Nat. federation of young farmers' clubs '53 12p
- Neue dissertationen, Hochschule für bodenkultur, Wien (1954-1956). Schrifttum Bodenkultur 9 no 1/2:39-40 '57
- New reference works, etc. See numbers of International association of agricultural librarians & documentalists. Quarterly bulletin
- Olomouc, Moravia. Palackého universita. Knihovna. Soupis nejnovějších zemědělských bibliografi; sest. Marie Vosahlová. (Pub. no3/55) The library '55 25p
- Österreichische dissertationen, 1952-1955. (Neue dissertationen, 9. folge) Schrifttum Bodenkultur 8 no2:32-6 '56
- Schrifttum der bodenkultur; im auftrage der Hochschule für bodenkultur in Wien hrsg. von der hochschulbibliothek. Fromme. See numbers
- Schweizerische dissertationen, 1953-1954 [-1956] (Neue dissertationen, 8, 11-12. folge) Schrifttum Bodenkultur 8 no 1:12-14; 9 no4: 84-6; 10 no 3:58 '56-'58
- Texas. Agricultural and mechanical college. Graduate school. Abstracts of dissertations for the degree of doctor of philosophy, 1940/55. The school '56 225p
- Tolsada Picazo, Francisco. Bibliografía española de agricultura, 1495-1900; prólogo de Miguel Herrero García. Inst. nacional del libro español '53 122p
- United States. Department of agriculture. Library. Bibliography of agriculture. The library. See numbers
- United States. Department of agriculture. Library. Selected list of American agricultural books and periodicals. rev ed (Lib. list no 1) The library '56 26p
- Same; rev ed (Lib. list no 1) The library '58 28p
- United States. Superintendent of documents. Plants. (Price list 44, 51st ed) U.S. Gov. ptg. office '59 18p
- Viktigare uppsatser i nyinkomna utländska tidskrifter. See numbers of K. Skogs- och lantbruksakademien, Stockholm. Tidskrift
- Warsaw. Centralny instytut rolniczy. Bibliografia polskiego piśmiennictwa rolniczego, za lata 1945-1953. Państwowe wydawn. rolnicze i leśne '54 495p
- What's new in agriculture. Farm science syndicate. See numbers
- See also
- Aeronautics in agriculture
- Atomic energy in agriculture
- Botany, Economic
- Burning of land
- Cattle
- Dairying
- Dry farming
- Electricity in agriculture
- Farm buildings
- Farm management
- Farmers
- Feeding and feeding stuffs
- Fertilizers and manures
- Field crops
- Forage plants
- Forests and forestry
- Fruit
- Fruit culture
- Gardening
- Grasses
- Horticulture
- Insects, Injurious and beneficial
- International agricultural cooperation
- Irrigation
- Land
- Land tenure
- Live stock
- Pastures and meadows
- Peasantry
- Plant breeding
- Poultry
- Reclamation of land
- Rotation of crops
- Seeds
- Silage
- Soils
- Tillage
- Vegetable gardening
- Vegetables

Bibliography

Frykholm, Lars. Lantbruksforskningens och dess hjälpvetenskapers bibliografiska hjälpmedel i urval. K. Lantbrukshögskolan '57 74p

Frykholm, L. Översikt över lantbruksforskningens och dess hjälpvetenskapers viktigare bibliografiska hjälpmedel. Lantbruksakad Tids 87 no6:449-89 '48

—Supplement, 1-2. Lantbruksakad Tids 90 no4:257-71; 94 no4:274-99 '51, '55

Index to bibliographies in the U.S.D.A. bibliography of agriculture. See numbers of International association of agricultural librarians & documentalists. Quarterly bulletin

Lauche, Rudolf. Internationales handbuch der bibliographien des landbaues. World bibliography of agricultural bibliographies; hrsg. im auftrag des Land- und forstwirtschaftlichen forschungsrates mit unterstützung der Deutschen forschungsgemeinschaft. Bayerischer landwirtschaftsverlag '57 410p

New agricultural bibliographies. See numbers of International association of agricultural librarians & documentalists. Quarterly bulletin

United States. Department of agriculture. Library. Available bibliographies and lists. rev ed (Lib. list no25) The library '57 1p

Economic aspects

Abel, Wilhelm. Agrarpolitik. 2d rev ed (Grundriss der sozialwissenschaft, v 11) Vandenhoeck & Ruprecht '58 incl bibliog

Canada. Department of agriculture. Marketing service. List of published material 1930-1956, by members of the Economics division. The service '57 64p

Christensen, David E. Rural occupance in transition: Sumter and Lee counties, Georgia. (Research paper, no43) Dept. of geography, Univ. of Chicago '56 p 155-60

Davis, Elizabeth Gould. Low-income farm people; a sel. list of references to bks, pamphlets, buls., and the more substantial periodicals appearing between Jan. 1945 and Apr. 1955. (U.S. Dept. of agriculture. Lib. Lib. list no62) U.S. Gov. ptg. office '55 46p

Degrees conferred and graduate students in agricultural economics. J Farm Econ 38: 656-702; 39:590-647 My '56, My '57

French, C. E. and others. Application of operations research in farm operations and agricultural marketing. Operations Res 6: 773-5 S '58

AGRICULTURE—Economic aspects—*Continued*.
George, Pierre. La campagne; le fait rural à travers le monde. Presses univ. de France '56 incl bibliog

Helbig, Gunther. Leistungssteigerung in der Landwirtschaft; ein wegweiser durch die fachliteratur; hrsg. vom Ministerium für land- und forstwirtschaft, Abt. Landwirtschaftliche propaganda und von der Deutschen bücherei. (Leipzig. Deutsche bücherei. Sonderbibliographien, 4) Verlag für buch- & bibliothekswesen '56 72p

Hoglund, C. R. and others, eds. Nutritional and economic aspects of feed utilization by dairy cows. Iowa state college press '59 incl bibliog

IFO-institut für wirtschaftsforschung, Munich. Der ertrags-/aufwandsvergleich in der westdeutschen landwirtschaft; eine untersuchung zum paritätsproblem. (Schriftenreihe no23) Duncker & Humblot '54 p 100-3

Johnston, Bruce F. Staple food economics of Western tropical Africa. (Stanford univ. Food research inst. Studies in tropical development) Stanford univ. press '58 incl bibliog

Klatzmann, Joseph. La localisation des cultures et des productions animales en France. Impr. nat. '55 p465-8

Kohls, Richard Louis. Marketing of agricultural products. Macmillan '55 incl bibliog

Levy, S. Agriculture and economic development in Indonesia. Econ Bot 11:38-9 Ja '57

Mager, Friedrich. Geschichte des bauern-tums und der bodenkultur im lande Mecklenburg. (Akad. der wissenschaften, Berlin. Komm. für geschichte. Veröffentlichungen, v 1) Akademie-verlag '55 p567-81

Nou, J. and Nilsson, O. Produktivitet och produktivetsberäkningar inom jordbruket. Lantbruksakad Tids 94 no2:208-9 '55

Ph.D. degrees conferred in agricultural economics. J Farm Econ 40:535-9; 41:480-4 My '58, My '59

Raupach, Hans. Die agrarwirtschaft der Sowjetunion seit dem zweiten weltkrieg; organisation und erträge. (Forschungsberichte und untersuchungen zur zeitgeschichte, no 14) Arbeitsgemeinschaft für Osteuropaforschung '53 p55-9

Schnittker, John A. and Heady, Earl O. Application of input-output analysis to a regional model stressing agriculture. (Research bul. 454) Agricultural & home economics experiment station, Iowa state college '57 p 171-2

Selected recent research publications in agricultural economics issued by the Bur. of agricultural economics and cooperatively by the state colleges. See numbers of Agricultural economics research

Skrzypek, S. Agricultural policies in Poland. J Cent Eur Affairs 16:68-70 Ap '56

Taylor, A. D. Bibliographic guide to the writings of Henry C. Taylor, agricultural economist, covering the years 1893-1957. Ag Hist 32 sup:1-18 Jl '58 annot

Taylor, Carl Cleveland. Farmers' movement, 1620-1920. (Am. sociology ser) Am. bk. '53 p501-8

United States. Department of agriculture. Comprehensive agricultural program for Puerto Rico, by Nathan Koenig. U.S. Gov. ptg. office '53 p287-90

United States. Superintendent of documents. Farm management. (Price list 68, 42d ed) U.S. Gov. ptg. office '59 22p

See also

Agricultural credit
Farm labor
Farm produce—Prices
Farm surveys
Integration (economics)
Land tenure
Milk industry and trade

History

Books on agricultural history published in 1954[-1958] Ag Hist 29:181-3; 30:187-8; 31:75-6; 32:262-4; 33:200-2 O '55, O '56, O '57, O '58, O '59

Haudricourt, André G. and Delamarre, Mariel (Brunhes). L'homme et la charrue à travers le monde. (Géographie humaine, 25) Gallimard '55 p465-87

List of books and articles on agrarian history issued since September 1954[-1957] Ag Hist R 4 no 1:52-7; 5 no 1:52-7; 6 no 1:42-51; 7 no 1:38-47 '56-'59

Rothmaier, Werner, and Padberg, Wolfgang, eds. Beiträge zur frühgeschichte der landwirtschaft. (Wissenschaftliche abhandlungen, v6/1) Deutsche akademie der landwirtschaftswissenschaften '53 incl bibliog

Periodicals

Aas, Norway. Norges landbrukshøgskole. Biblioteket. Løpende tidsskrifter; liste over løpende tidsskrifter og noen viktige årsskrifter i Landbrukshøgskolens hovedbibliotek og instituttbibliotekene pr. 1. april 1956. The library '56 70p

Die agrarpresse der Vereinigten Staaten. Schrifttum Bodenkultur 8 no 1:2-3 '56

Anders, Olga (Kukutsch). Zeitschriftenkatalog der Universitätsbibliothek, Abt. Landwirtschaft und der landwirtschaftlichen institute der Universität Bonn; 2. aufl. des Poppelsdorfer zeitschriftenkatalogs nach dem stand vom 1. okt. 1956. (Bonner beiträge zur bibliotheks- und bücherkunde, v2) Bouvier '56 94p

Barlier, J. Répertoire des périodiques agricoles existant dans les principales bibliothèques spécialisées de Belgique. (Bibliographica belgica 12) Comm. belge de bibliog. '55 125p

Belgium. Ministère des colonies. Service de l'agriculture. Bibliothèque. Liste des publications périodiques. The library '55 33p

Biologische bundesanstalt für land- und forstwirtschaft, Berlin and Brunswick. Literaturquellen und ihre kürzungen aus der bibliographie der pflanzenschutzliteratur, bearb. von J. Bärner. The institution '58 16,p

Copenhagen. Veterinær- og landbohøjskole. Bibliotek. Tidsskrifter og andre løbende publikationer. The school '56 69p

Frykholm, Lars. Förteckning över löpande svenska lantbruksserier med uteslutning av frökataloger, skoledogreiser och div. lokala organisations årsberättelser. K. Lantbrukshögskolan '57 12p

Frykholm, Lars. Förteckning över löpande utländska lantbruksserier i svenska bibliotek. K. Lantbrukshögskolan '56 86p

—Supplement 1958, sammanställt av Hans Baude. K. Lantbrukshögskolan '58 30p

New periodicals (also changes of title, and cessations) See numbers of International association of agricultural librarians & documentalists. Quarterly bulletin

Perugia. Università. Catalogo delle pubblicazioni periodiche italiane e straniere esistenti presso gli istituti universitari di Perugia; presentazione di Aldo Spirito; a cura dell'Univ. degli studi di Perugia e dei quaderni della Sezione perugina della S.I.B.S. The university '56 139p

Turányi, Kornél. Mezőgazdasági szakfolyóiratok bibliográfiája; 1. 1796-1899. Agrártudományi egyetem központi könyvtára '58 116p annot

United States. Department of agriculture. Library. List of serials currently received in the Library of the United States. Department of agriculture as of July 1, 1957; comp. by Elizabeth Gould Davis. (U.S. Dept. of agriculture. Misc. pub. 765) U.S. Gov. ptg. office '58 614p

United States. Department of agriculture. Library. Selected list of American agricultural books and periodicals. rev ed (Lib. list no 1) The library '56 26p

—Same; rev ed (Lib. list no 1) The library '58 28p

Vienna. Hochschule für bodenkultur. Bibliothek. Gesamtverzeichnis der laufend bezogenen zeitschriften (stand vom 1. april 1955) The library '55 26p

Research

See Agricultural research

Statistics

United States. Department of agriculture. Major statistical series of the U.S. Department of agriculture; how they are constructed and used. (U.S. Dept. of agriculture. Agriculture handbk. 118) U.S. Gov. ptg. office '57 9v incl bibliog

See also

Agricultural education

AGRICULTURE—Continued

Africa, East

Weigt, Ernst. Europäer in Ostafrika; klimabedingungen und wirtschaftsgrundlagen. (Kölner geographische arbeiten, no6/7) Geographisches inst, Köln univ. '55 p370-85

Alaska

Johnson, Hugh A. and Stanton, Keith L. Matanuska Valley memoir; the story of how one Alaskan community developed. (Bul. 18) Alaska experiment station, Univ. of Alaska '55 p 112-18

America

History

Heine-Geldern, R. Kulturpflanzengeographie und das problem vorkolumbischer kulturbeziehungen zwischen Alter und Neuer welt. *Anthropos* 53 no3:398-402 '58

Canada

Canada. Department of agriculture. Marketing service. List of published material, 1930-1956, by members of the Economics division. The service '57 64p

Croatia

Blanc, André. La Croatie occidentale; étude de géographie humaine. (Travaux, 25) Inst. d'études slaves, Univ. de Paris '57 p447-85

Czechoslovakia

Olomouc, Moravia. Palackého universita. Knihovna. Soupis nejnovějších zemědělských bibliografi; sest. Marie Vosahlová. (Pub. no3/55) The library '55 25p
Zemědělské písemnictví; soupis českých a slovenských publikací, 1945-1955; půdohospodářské písemnictví. (Prameny literatury, v2, no4; v3, no 1-2) Československá akad. zemědělských věd '57-'58 2v

Danubian countries

Zagorov, Slavcho D. and others. Agricultural economy of the Danubian countries, 1935-45. (Food, agriculture, and World war II) Stanford univ. press '55 incl bibliog

Ethiopia

Sylvain, P. G. Ethiopian coffee, its significance to world coffee problems. *Econ Bot* 12:138-9 Ap '53

Europe

Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Die europäische zusammenarbeit auf dem gebiet der landwirtschaft unter besonderer berücksichtigung der tätigkeit internationaler und europäischer organisationen; mit einem einführenden bericht von Werner Schliebitz [et al] (Aktuelle bibliog. des Europa-archivs no 11) The institute '57 88p

Edelman, Cornelius Hendrik, and Eeuwens, B. E. P. Bibliography on land and water utilization and conservation in Europe. Food & agriculture organization of the United nations '55 347p

Europe, Western

Friedmann, Karen Juul, and others. Technological factors in the expansion of agricultural production in west Europe. (U.S. Foreign agricultural service. Foreign agriculture rep. no 102) U.S. Gov. ptg. office '57 p51-4

France

Juillard, Etienne, and Meynier, André. Die agrarlandschaft in Frankreich; forschungsergebnisse der letzten zwanzig jahre; übers. von W. Hartke. (Münchner geographische hefte, no9) Lasselben '55 p83-96
Klatzmann, Joseph. La localisation des cultures et des productions animales en France. Impr. nat. '55 p465-8

Germany

IFO-institut für wirtschaftsforschung, München. Der ertrags-/aufwandsvergleich in der westdeutschen landwirtschaft; eine untersuchung zum paritätsproblem. (Schriftenreihe, no23) Duncker & Humblot '54 p 100-3
Schuricht, R. Betriebswirtschaftliche untersuchungen über die standortgerechte planung landwirtschaftlicher kulturen. Halle Univ Wiss Z Math-Naturw Reihe 6:662-4 J1 '57

History

Riemann, Friedrich Karl. Ackerbau und viehhaltung im vorindustriellen Deutschland. (Königsberg. Univ. Jahrbuch. Beihefte, 3) Holzner '53 p205-11

Haiti

Holly, Marc Aurele. Agriculture in Haiti; with special reference to rural economy and agricultural education. Vantage '55 p310-13

Indonesia

Levy, S. Agriculture and economic development in Indonesia. *Econ Bot* 11:38-9 Ja '57

Middle East

Lloyd, Edward Mayow Hastings. Food and inflation in the Middle East, 1940-45. (Stanford univ. Food research inst. Studies on food, agriculture, and World war II) Stanford univ. press '56 incl bibliog

New Jersey

Cunningham, John T. Garden state; story of agriculture in New Jersey. Rutgers univ. press '55 p279-83

North Carolina

Cathey, Cornelius Oliver. Agricultural developments in North Carolina, 1783-1860. (James Sprunt studies in history and political science, v38) Univ. of N.C. press '56 p207-20 annot

Panama

Guzmán, Louis E. Farming and farmlands in Panama. (Research paper no44) Dept. of geography, Univ. of Chicago '56 p 131-7

Philippine Islands

Conklin, Harold C. Hanunóo agriculture; a rep. on an integral system of shifting cultivation in the Philippines. (FAO forestry development paper no 12) Food & agriculture organization of the United nations '57 p 159-67

Poland

Skrzypek, S. Agricultural policies in Poland. *J Cent Eur Affairs* 16:68-70 Ap '56

Puerto Rico

United States. Department of agriculture. Comprehensive agricultural program for Puerto Rico, by Nathan Koenig. U.S. Gov. ptg. office '53 p287-90

Vicente-Chandler, José. Management and utilization of the forage crops of Puerto Rico. (Bul. 116) Agricultural experiment station, Univ. of Puerto Rico '53 p89-90

Russia

Belov, Fedor. History of a Soviet collective farm. (Praeger pubs. in Russian history and world communism, no36; Studies on the U.S.S.R., no 13) Praeger '55 p223-32

South

Anderson, James Richard. Land use and development, southeastern Coastal plain; present use and potential development of land for agriculture. (U.S. Dept. of agriculture. Agriculture information bul. no 154) U.S. Gov. ptg. office '56 p75-82

Walton, Earnest Vernon, and Holt, Oris Milton. Profitable Southern crops. (Prentice-Hall vocational agriculture ser) Prentice-Hall '59 incl bibliog

Thailand

United States. Mutual security agency. Special technical and economic mission to Thailand. Report to accompany the provisional map of the soils and surface rocks of the Kingdom of Siam, by Robert L. Pendleton. The mission '53 p285-90

Tropics

Tempany, Sir Harold Augustin, and Grist, Donald Honey. Introduction to tropical agriculture. Longmans '58 p314-24

United Nations educational, scientific and cultural organization. Problems of humid tropical regions. Problèmes des régions tropicales humides. (Humid tropics research) The organization '58 incl bibliog

United States

Haystead, Ladd, and Fite, Gilbert Courtland. Agricultural regions of the United States. Univ. of Okla. press '55 p276-80 annot

AGRICULTURE—Continued

- Higbee, Edward Counselman. American agriculture; geography, resources, conservation. Wiley '58 incl bibliog
- Holbrook, Stewart Hall. Machines of plenty; pioneering in Am. agriculture. Macmillan '55 p240-2
- Shideler, James Henry. Farm crisis, 1919-1923. Univ. of Calif. press '57 p297-301 annot
- Wooten, Hugh Hill, and Anderson, James Richard. Agricultural land resources in the United States, with special reference to present and potential cropland and pasture. (U.S. Dept. of agriculture, Agriculture information bul. no 140) U.S. Gov. ptg. office '55 p89-96

History

- Taylor, Carl Cleveland. Farmers' movement, 1620-1920. (Am. sociology ser) Am. bk. '53 p501-8

Venezuela

- Badillo, Víctor M. and Bonfanti, Celestino. Índice bibliográfico de Venezuela. Fundación Eugenio Mendoza '57 305p

Washington (state)

- Eachern, John Mac, and Cooke, Margaret B. Bibliography of agriculture in territorial Washington. (Misc. pub. 5) Wash. Agricultural extension service '53 14p annot

Yugoslavia

- Tomašević, Jozo. Peasants, politics, and economic change in Yugoslavia. Stanford univ. press '55 p703-26

AGRICULTURE, Cooperative

- Abrahamsen, Martin Abraham, and Scroggs, Claud L. eds. Agricultural cooperation; sel. readings. Univ. of Minn. press '57 incl bibliog

- Belov, Fedor. History of a Soviet collective farm. (Praeger pubs. in Russian history and world communism, no36; Studies on the U.S.S.R., no 13) Praeger '55 p223-32

- Digby, Margaret. Co-operatives and land use. (FAO agricultural development paper, no61) Food & agriculture organization of the United nations '57 p 111-12
- Same; with title: Les coopératives et l'utilisation des terres; étude. (FAO agricultural development paper, no61) Food & agriculture organization of the United nations '57 p 132-3

- Erdman, Henry Ernst, and Tinley, James Maddison. Principles of cooperation and their relation to success or failure. (Bul. 758) Calif. agricultural experiment station, Univ. of Calif. '57 p30-2

- Fábry, Valer. Zemědělskodružstevní právo. Nakl. Československé akad. věd. '56 p497-503

- Prague. Státní knihovna společenských věd. K otázkám budování a upevňování JZD a zvyšování zemědělské výroby; bibliog některých důležitých článků z českých časopisů červenec 1956-říjen 1957. (Publikace, no 108) The library '57 27p

- Sandford, John. Walter Harper and the farmers. Westralian farmers co-operative ltd. ptg. works '55 p309-12

See also

Agricultural societies

Periodicals

- United States. Farmer cooperative service. Farmer co-op publications; list of magazines, newspapers and newsletters. (Information 9) U.S. Gov. ptg. office '58 98p

AGRICULTURE, Primitive

See also

Indians of North America—Agriculture

AGRICULTURE and state

United States

- Daniels, Walter Machray, ed. Government and the farmer. (Reference shelf, v28, no5) Wilson '56 p 184-95

- Rau, Allan. Agricultural policy and trade liberalization in the United States, 1934-1956; a study of conflicting policies. (Etudes d'histoire économique, politique et sociale, 21) Droz '57 p 151-60

- Taylor, Carl Cleveland. Farmers' movement, 1620-1920. (Am. sociology ser) Am. bk. '53 p501-8

AGRICULTURE and war

Danubian countries

- Zagorov, Slavcho D. and others. Agricultural economy of the Danubian countries, 1935-45. (Food, agriculture, and World war II) Stanford univ. press '55 incl bibliog

AGRICULTURE as a profession

- Angel, Juvenal Londoño. Careers in professional agriculture. (Monograph no34) World trade acad. press '56 incl bibliog
- Angel, Juvenal Londoño. Specialized occupations in agriculture. (Monograph) no26) World trade acad. press '55 p 15-16

AGRICULTURISTS

See also

Agriculture as a profession

AGRONOMY. See Agriculture

- AHMAD ibn 'Umar, called Ibn Rustah, fl 903 Ahmad ibn 'Umar, called Ibn Rustah. Les atours précieux; tr. de Gaston Wiet. Pubs. de la Soc. de géographie d'Egypte '55 p viii

AICHINGER, Erwin, 1894?-

- Janchen, Erwin, ed. Festschrift für Erwin Aichinger zum 60. geburtstag. (Angewandte pflanzensoziologie. Sonderfolge) Springer '54 2v v 1, p xxix-xxxii

AIKEN, Conrad Potter, 1889-

- Aiken, Conrad Potter. Reviewer's ABC; coll. criticism of Conrad Aiken from 1916 to the present; introd. by Rufus A. Blanshard. (Greenwich eds) Meridian '58 p395-408

AILLY, Pierre d', cardinal, 1350-1420?

- Meller, Bernhard. Studien zur erkenntnislehre des Peter von Ailly; anhang: Ailly's traktat. De materia concilii generalis. (Freiburger theologische studien, no67) Herder '54 p xv-xxxii

AIR

See also

Aerodynamics

Analysis

- American society for testing materials. Committee D-22 on methods of atmospheric sampling and analysis. Symposium on instrumentation in atmospheric analysis; presented at a meeting, Boston, Mass, June 23, 1958. (ASTM special technical pub. no250) The society '59 incl bibliog
- Imperial chemical industries, limited. Analytical chemists' committee. Determination of toxic substances in air; a manual of I.C.I. practice; ed. by N. Strafford [and others] Heffer '56 p217-20
- Silverman, L. Sampling and analyzing air for contaminants. Air Cond Heat & Ven 52:99-100 Ag '55

Bacteriology

- Vinje, J. M. Preliminary aerial survey of microbiota in the vicinity of Davenport, Iowa. Am Midland Nat 54:431-2 O '55

Purification

- Maxie, E. C. and Baker, C. E. Air filtration studies in a commercial type apple storage. Am Soc Hort Sci Proc 64:246-7 '54

AIR compressors

- Scanlan, J. A. and Jennings, B. H. Free-piston engines and compressors. Mech Eng 79:339-40-Apr '57

AIR conditioning

- American society of refrigerating engineers. Air conditioning refrigerating data book; applications volume. 5th ed The society '55 incl bibliog

- Carrier, Willis Haviland, and others. Modern air conditioning, heating, and ventilating. 3d ed Pitman '59 p579-82

- Conklin, Groff. Weather conditioned house. Reinhold '58 p225-8

- Ellington, R. T. and others. Absorption cooling process; a critical literature review. (Research bul. 14) Inst. of gas technology '57 43p

- Jennings, Burgess Hill. Heating and air conditioning. Int. textbook '56 incl bibliog

- Jordan, Richard Charles, and Priester, Gayle B. Refrigeration and air conditioning. 2d ed Prentice-Hall '56 incl bibliog

- Lighting and airconditioning. Illum Eng 51: 651-2 S '56

- Severns, William Harrison, and Fellows, Julian Robert. Air conditioning and refrigeration. Wiley '58 incl bibliog

- Stoecker, W. F. Refrigeration and air conditioning. (McGraw-Hill ser. in mechanical engineering) McGraw '58 incl bibliog

AIR conditioning—Continued

Woolrich, Willis Raymond, and Woolrich, Willis Raymond Jr. Air conditioning. Ronald '57 incl bibliog

See also

Cooling
Humidification
Ventilation

AIR defenses

United States. Air university. Libraries. Air defenses: the role of the Air force; sel. references in AU library. (Special bibliog. no 116) The libraries '56 4p

AIR flow

Frederiksen, Eyvind. Luftpulsationer i rør-systemer; teoretiske og eksperimentelle undersøgelser paa basis af impedansbegrebet. Pulsating air flow in pipe systems; theoretical and experimental investigations based on the impedance concept. Teknisk forlag '54 p 163-76

Gilman, S. P. Pressure losses of divided-flow fittings. Heating Piping 27:147 Ap '55

Gloynne, R. W. Some effects of shelter-belts and wind-breaks. Meteorol Mag 84:280-1 S '55

Sleicher, C. A. Experimental velocity and temperature profiles for air in turbulent pipe flow. Am Soc Mech Eng Trans 80:701-2 Ap '58

Warren, C. H. E. Recent advances in the knowledge of transonic air flow. Roy Aero Soc J 60:251-2 Ap '56

AIR flow meters. See Flow meters

AIR law. See Aeronautics—Laws and regulations

AIR plants

Hosokawa, T. and Odani, N. Daily compensation period and vertical ranges of epiphytes in a beech forest. J Ecol 45:914-15 N '57

AIR pollution

Air pollution foundation. Third [fourth] technical progress report. (Rep. no 17, 22) The foundation '57-'58 2v incl bibliog

Altschuler, A. P. Natural sources of gaseous pollutants in the atmosphere. Tellus 10:489-92 N '58

American society of mechanical engineers. Committee on air pollution controls. Guide to research in air pollution (colleges, universities and research institutes) 3d ed The society '56 16p

California. Department of public health. Clean air for California; initial rep. of the air pollution study project. The department '55 p58-60

Cincinnati. University. Kettering laboratory of applied physiology. Effects of atmospheric pollution on the health of man; annot. bibliography. The university '57 481p

Faith, William Lawrence. Air pollution control. Wiley '59 incl bibliog

Faith, William Lawrence, and others. Automobile exhaust and smog formation. (Rep. no21) Air pollution foundation '57 incl bibliog

Fett, Walter. Der atmosphärische staub. (Monographien der experimentellen und theoretischen physik) Deutscher verlag der wissenschaften '58 p255-97

Goldsmith, J. R. Health hazards of automobile exhaust. Pub Health Rep 74:557-8 Je '59

Great Britain. Department of scientific and industrial research. Fuel abstracts. The department. See numbers

Grogan, Denis Joseph. Clean air. (Special subject lists, no7) Lib. assn. '56 8p

How to control particulate emissions to abate air pollution. Heating Piping 31:152 Je '59

International congress on air pollution, 1st, 1955, New York. Problems and control of air pollution; proceedings of the 1st Int. Congress on air pollution held in New York city, March 1-2, 1955; ed. by Frederick S. Mallette. Reinhold '55 incl bibliog

Kay, K. Air pollution. Anal Chem 29:599-604; 31:641-5 Ap '57, Ap '59

Kay, K. Air pollution review, 1956-57. Ind & Eng Chem 50:1178-80 Ag '58

Kenline, Paul A. Appraisal of air pollution in Tennessee; rep. of a cooperative survey by the U.S. Public health service and the state of Tenn. Dept. of public health. Dec. 1956-July 1957. U.S. Dept. of health, education & welfare; Robert A. Taft engineering center '57 p70-2

Magill, Paul L. and others, eds. Air pollution handbook. (McGraw-Hill handbks) McGraw '56 incl bibliog

Meetham, A. R. Atmospheric pollution; its origins and prevention. 2d rev ed Pergamon '56 incl bibliog

Nelson, N. Some toxicologic aspects of atmospheric pollution. Am J Pub Health 45:1300-1 O '55

Organization for European economic cooperation. European productivity agency. Air and water pollution; the position in Europe and in the United States. (Project nos. 136 & 145) The agency '57 p 195-215

Phair, J. J. and Thomson, M. L. Measuring reactions to air pollution. Pub Health Rep 71:93 Ja '56

Silverman, L. Sampling and analyzing air for contaminants. Air Cond Heat & Ven 52:99-100 Ag '55

Skipworth, D. W. and others. Design of domestic gas-fired incinerators for elimination of smoke, odors, and fly ash. (Research bul. 78) Am. gas assn. laboratories '58 p83-4

Thring, Meredith Wooldridge, ed. Air pollution; based on papers given at a conference held at the Univ. of Sheffield, Sept. 1956. Butterworth '57 incl bibliog

United States. Library of Congress. Technical information division. Air pollution bibliography by Jack R. Gibson (and others) U.S. Public health service '54-'59 2v

United States. Weather bureau. Meteorology and atomic energy; prepared for U.S. Atomic energy commission. The bureau '55 p 159-63

See also

Smoke prevention

Effect on plants

Adams, D. F. Effects of air pollution on plant life. AMA Archives Ind Health 14:243-5 S '56

Thomas, M. D. and others. Air pollution with relation to agronomic crops. Agron J 50:545-68 S '58 incl bibliog

AIR power

Emme, Eugene Morlock, ed. Impact of air power; nat. security and world politics. Van Nostrand '59 incl bibliog

Estep, Raymond. Air power bibliography. (Air univ.-documentary research study, AU-252-54-RS1) Maxwell air force base, Documentary research div, Research studies inst, Air univ. '56 200p

AIR raids**Protective measures**

See also

Air defenses

AIR space. See Airspace

AIR space (international law) See Airspace (international law)

AIR spaces (plants) See Intercellular spaces (botany)

AIR traffic control

Tyler, Poyntz, ed. Airways of America. (Reference shelf, v30, no6) Wilson '58 p 181-9

AIR transportation. See Aeronautics, Commercial

AIR warfare

See also

Air power

Bombing, Aerial

AIRCRAFT

See also

Airplanes

Helicopters

AIRCRAFT industry

Simmons, Henry T. Aircraft industry. (Vocational and professional monographs, no94) Bellman '58 p30-1

AIRFOILS

Sears, W. R. Some recent developments in airfoil theory. J Aero Sci 23:498-9 My '56

Van Dyke, Milton D. Second-order subsonic airfoil theory including edge effects. (U.S. Nat. advisory com. for aeronautics, Rep. 1274) U.S. Gov. ptg. office '56 p20-1

See also

Airplane wings

AIRPLANE engines

Miele, A. Some recent advances in the mechanics of terrestrial flight. Jet Propulsion 28:586-7 S '58

North Atlantic treaty organization. Advisory group for aeronautical research and development. Combustion and propulsion panel. Air intake problems in supersonic propulsion; invited papers presented at the 11th AGARD combustion and propulsion panel meeting, Paris, Dec. 1956; ed. J. Fabri. (AGARDograph, 27) Pergamon '58 incl bibliog

AIRPLANE engines—Continued

Sänger-Bredt, Irene. Bemessungstabellen für strahlantriebe. (Stuttgart, Forschungsinst. für physik der strahlantriebe, Mitteilungen, 4) Verlag Flugtechnik '56 p426-95
Smith, Chester Warren. Aircraft gas turbines. (General electric ser) Wiley '56 p421-31

See also

Jet propulsion

AIRPLANE industry and trade

Day, John Sidney. Subcontracting policy in the airframe industry. Div. of research, Graduate school of business adm, Harvard univ. '56 p321-7

Russia

North Carolina. University. Institute for research in social science. Soviet aircraft industry. (Soviet planning study no4) The institute '55 p221-8

AIRPLANE stability and stabilizers

Statler, Irving C. Effects of nonstationary aerodynamics on the rigid-body dynamic stability of an airplane. (GALCIT rep) Daniel Guggenheim aeronautical laboratory, Calif. inst. of technology '56 incl bibliog

See also

Airplane wings—Flutter

AIRPLANE wings

Cheng, H. K. Aerodynamics of a rectangular plate with vortex separation in supersonic flow. J Aero Sci 22:225-6 Ap '55

Stewart, H. J. Review of source superposition and conical flow methods in supersonic wing theory. J Aero Sci 23:515-16 My '56

Flutter

Fung, Y. C. On two-dimensional panel flutter. J Aero Sci 25:160 Mr '58

Templeton, Haydn. Massbalancing of aircraft control surfaces. (Royal aeronautical soc. Aeronautical monographs, v4) Chapman '54 p228-33

AIRPLANES

Koziarski, J. Fatigue aspects in aircraft welding design. Welding J 34:458 My '55

See also

Helicopters

Jet planes

Control

Draper, C. S. Flight control. Roy Aero Soc J 59:475-7 Jl '55

Graham, D. and Lathrop, R. C. Automatic feedback control and all-weather flying. Aero Eng R 14:84-5 O '55

See also

Airplane stability and stabilizers

Design and construction

Aldinio, G. Criteri di sicurezza strutturale in aeronautica. Aerotecnica 37:177 Ag '57

Bisplinghoff, Raymond L. and others. Aeroelasticity. (Addison-Wesley ser. in mechanics) Addison-Wesley '55 p827-49

Bisplinghoff, R. L. Some structural and aeroelastic considerations of high-speed flight. J Aero Sci 23:320-1 Ap '56

Clarkson, B. L. Effect of jet noise on aircraft structures. Aero Q 10:125-6 My '59

Gerard, George. Minimum weight analysis of compression structures. N.Y. univ. press '56 incl bibliog

Gerard, G. Crippling strength of compression elements. J Aero Sci 25:52 Ja '58

Kitchenside, A. W. Effects of kinetic heating on aircraft structures. Roy Aero Soc J 62:117 F '58

Klein, B. Simple method of matrix structural analysis. J Aero Sci 24:45-6 Ja '57

Koziarski, J. Some considerations on design for fatigue in welded aircraft structures. Welding J 38:575 Je '59

Kuhn, Paul. Stresses in aircraft and shell structures. (McGraw-Hill pubs. in aeronautical science) McGraw '56 incl bibliog

Lazzarino, L. Condizioni tecniche per la navigabilità degli aeroplani civili a getto. Aerotecnica 37:69-72 Ap '57

Lundberg, B. Fatigue life of airplane structures. J Aero Sci 22:397-9 Je '55

Nash, W. A. Effect of large deflections and initial imperfections on the buckling of cylindrical shells subject to hydrostatic pressure. J Aero Sci 22:268-9 Ap '55

Robinson, Abraham and Laurmann, J. A. Wing theory. (Cambridge aeronautical ser, 2) Cambridge '56 p554-8

Rockey, K. C. Design of intermediate vertical stiffeners on web plates subjected to shear. Aero Q 7:285-6 N '56

Roebuck, J. A. Anthropometry in aircraft engineering design. J Aviation Med 28:55-6 F '57

Sandorff, P. E. Design of structural models, with application to stiffened panels under combined shear and compression. J Aero Sci 23:632 Jl '56

See also

Aeroelasticity

Airplane wings

Electric equipment

Spreadbury, Frank George. Electricity in aircraft. Macmillan '58 incl bibliog

Electronic equipment

Shapiro, Gustave. Subminiaturization techniques for low-frequency receivers. (U.S. Nat. bur. of standards. Circ. 545) U.S. Gov. ptg. office '54 p60-4

Engines

See Airplane engines

Noise

Regier, A. A. Noise, vibration, and aircraft structures. Aero Eng R 15:60-1 Ag '56

Stresses

Hoff, N. J. Buckling at high temperature. Roy Aero Soc J 61:773-4 N '57

Hoff, N. J. Rapid creep in structures. J Aero Sci 22:672+ O '55

Lee, L. H. N. and Ades, C. S. Plastic torsional buckling strength of cylinders including the effects of imperfections. J Aero Sci 24:248+ Ap '57

Sandorff, P. E. Design of structural models, with application of stiffened panels under combined shear and compression. J Aero Sci 23:632 Jl '56

Vibration

Regier, A. A. Noise, vibration, and aircraft structures. Aero Eng R 15:60-1 Ag '56

See also

Airplane wings—Flutter

Wings

See Airplane wings

AIRPLANES in agriculture. See Aeronautics in agriculture

AIRPLANES in insect control. See Aeronautics in agriculture

AIRPORTS

Karez, Jaroslav. Všeobecně technické a zabezpečovací zařízení letišť. Dopravní nakl. '57 incl bibliog

Kohl, Friedrich. Moderner flughafenbau: entwurf, dimensionierung und bauausführung von landebahnen und sonstigen verkehrsflächen. Springer '56 p123-7

Peterson, John E. Airports for jets. Am. society of planning officials. '59 p82-5

Lighting

Walter, C. E. and others. Airport approach, runway and taxiway lighting systems. Am Soc Civil Eng Proc 84 [AT 1 no 1659]:34-8 Je '58

AIRSHIPS

Kirschner, Edwin J. Zeppelin in the atomic age; the past, present, and future of the rigid lighter-than-air aircraft. Univ. of Ill. press '57 p77-80

AIRSPACE

See also

Space, Outer

AIRSPACE (international law)

Hogan, J. C. Guide to the study of space law. St. Louis Univ Law J 5 no 1:94-133 Spring '58

Michigan. State library. Law division. Bibliography on the law of aviation, airports and airspace. The library '58 15p

Schrifttum. See numbers of Zeitschrift für luftrecht

United States. Congress. House. Select committee on aeronautics and space exploration. Survey of space law; staff report. (U.S. 86th Congress, 1st session, 1959. House. Doc. no89) U.S. Gov. ptg. office '59 p38-60

AITKEN, Robert Grant, 1864-1951

Van den Bos, W. H. Robert Grant Aitken. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p8-30)

AJIVIKAS

Basham, Arthur Llewellyn. History and doctrines of the Ajivikas; a vanished Indian religion; with a foreword by L. D. Barnett. Luzac '51 p xix-xxx

AKADEMIJA nauk SSSR

Vucinich, Alexander S. Soviet academy of sciences. (Hoover inst. studies. SerE: Insts, no3) Stanford univ. press '56 p 143-50

ALABAMA**Constitutional history**

McMillan, Malcolm Cook. Constitutional development in Alabama, 1798-1901: a study in politics, the Negro, and sectionalism. (James Sprunt studies in history and political science, v37) Univ. of N.C. press '55 p371-83

ALARDUS Amstelredamus, 1491-1544

Graaf, B. de. Alardus Amstelredamus, 1491-1544; his life and works, with a bibliography. Hertzberger '58 p48-70

ALASKA

Bromberg, E. Bibliography of theses and dissertations concerning the Pacific Northwest and Alaska; sup. 1940-1957. Ore Hist Q 59: 27-84 Mr '58

United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p

Antiquities

Ford, James Alfred. Eskimo prehistory in the vicinity of Point Barrow, Alaska; with an app: Skeletal remains from the vicinity of Point Barrow, Alaska, by T. D. Stewart. (Anthropological papers, v47, pt. 1) Am. museum of natural history '59 p256-8

Heizer, Robert Fleming. Archaeology of the Uyak site, Kodiak island, Alaska. (Anthropological records v 17, no 1) Univ. of Calif. press '56 p98-102

Description and travel

Barrow, Henry D. Paradise north: an Alaskan year. Dial press '56 p237-42

Juvenile literature

Brinsmade, Ellen Martin. Children's books on Alaska; an annot. list. The author '56 32p

ALBANIA

Skendi, Starvo, ed. Albania. (Free Europe com. Mid-European studies center. East-Central Europe under the Communists; Praeger pubs. in Russian history and world communism, no46) Praeger '56 p355-70 annot

ALBATROSSES

Jameson, Sir William. Wandering albatross; foreword by Robert Cushman Murphy. Morrow '59 p 121-4

ALBENIZ, Isaac Manuel Francisco, 1860-1909

Laplane, Gabriel. Albéniz, sa vie, son œuvre; préf. de Francis Poulenec. Eds. du Milieu du monde '56 p207-11

ALBERDINGK THIJM, Josephus Albertus, 1820-1889

Bennink, W. Alberdingk Thijm; kunst en karakter. Dekker & Van de Vegt '52 p206-8

ALBERT the Great, Saint, 1193?-1280

Albertus the Great, Saint. Libellus de alchimia; tr. from the Borgnet Latin ed; introd. and notes by Virginia Heines; with a foreword by Pearl Kibre. Univ. of Calif. press '58 p75-9

Brandl, Leopold. Die sexualethik des heiligen Albertus Magnus; eine moralgeschichtliche untersuchung. (Studien zur geschichte der katholischen moraltheologie, v2) Pustet '55 p 12-16

Dorcy, Sister Mary Jean. Master Albert; the story of St Albert the Great. Sheed '55 p 171-3

ALBERT, consort of Victoria, queen of Great Britain, 1819-1861

Eyck, Frank. Prince consort; a political biography. Houghton '59 p259-64

ALBERTA**Economic conditions**

Hanson, Eric John. Dynamic decade. McClelland & Stuart '58 p 295-302

ALBERTI, Michael, 1682-1757

Eulner, H. H. Michael Alberti zum 200. todestag. Halle Univ Wiss Z Math-Naturw Reihe 6:390 Je '57

ALBERTI, Rafael, 1902-

Marrast, R. Essai de bibliographie de Rafael Alberti. Bul Hispan 57 no 1-2:147-77 '55

ALBERTUS Magnus, Saint. See Albert the Great**ALBIGENSES**

Berne-Lagarde, Pierre de. Bibliographie du catharisme languedocien; préf. de René Nelli. (Textes et docs, 1) Inst. des études cathares '57 86p

ALBINOS and albinism

Hafez, E. S. E. and others. Albino-dwarfism in Hereford cattle. J Heredity 49:115-16 My '58

Waardenburg, P. J. and Van den Bosch, J. X-chromosomal ocular albinism in a Dutch family. Ann Hum Gen 21:122 N '56

ALCHEMY

Alleau, René. Aspects de l'alchimie traditionnelle; préf. de Eugène Canseliet; textes et symboles alchimiques suivis de La pierre de touche d'Hugues à Barma, 1657. Editions de minuit '53 p221-36

Jung, Carl Gustav. Collected works [eds: Sir Herbert Read and others] v9, pt. 1. The archetypes and the collective unconscious; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '59 p393-404

ALCOHOL

Commission internationale des industries agricoles. Documentation intéressant l'alcool éthylique réunie en Allemagne par les enquêteurs français. The commission '53? 10p

Current literature. See numbers of Quarterly journal of studies on alcohol

See also

Distilling industries
Liquor problem
Liquors

Physiological effect

Courville, Cyril Brian. Effects of alcohol on the nervous system of man. San Lucas '55 p91-9

Serianni, E. and others. Effects of solid food and of alcoholic beverages, especially wine, on the excretion of hippuric acid. Q J Stud Alcohol 16:84-5 Mr '55

Tobach, E. Individual differences in behavior and alcohol consumption in the rat. Q J Stud Alcohol 18:27-9 Mr '57

ALCOHOL education

Atkins, Alwyn J. and Gwynn, John Minor. Teaching alcohol education in the schools. Macmillan '59 p 165-70 annot

ALCOHOL in the body

Forbes, J. C. and Duncan, G. M. Effect of amphetamine on the adrenal response of rats to alcohol intoxication. Q J Stud Alcohol 20:10-12 Mr '59

ALCOHOLISM

American association for the advancement of science. Alcoholism: basic aspects and treatment; a symposium held under the auspices of the Association in cooperation with the Am. psychiatric assn. and the Am. physiological soc. and presented at the Atlanta, Ga. meeting, Dec. 27-28, 1955; arr. and ed. by Harold E. Himwich. (Pub. no47) The association '57 incl bibliog

Arizona. State department of education. Bibliography for instruction on the nature of alcohol and narcotics. The department '58 15p

Aschan, G. and others. Positional nystagmus in man during and after alcohol intoxication. Q J Stud Alcohol 17:404-5 S '56

Current literature. See numbers of Quarterly journal of studies on alcohol

Gibbins, R. J. and others. Chronic alcoholism and alcohol addiction; a survey of current literature. (Brookside monograph no 1) Alcoholism research foundation '53 p51-7

Kaldegg, A. Psychological observations in a group of alcoholic patients. Q J Stud Alcohol 17:627-8 D '56

Keller, M. and Efron, V. Prevalence of alcoholism. Q J Stud Alcohol 16:643-4 D '55

McCarthy, Raymond Gerald. Teen-agers and alcohol; a handbk. for the educator. Yale center of alcoholic studies '56 p 183-4

Manitoba. Liquor enquiry commission. Report. The commission '55 p739-51

Marconi, J. T. Concept of alcoholism. Q J Stud Alcohol 20:234-5 Je '59

Martin, H. E. and others. Electrolyte disturbance in acute alcoholism. Am J Clin Nutrition 7:195-6 Mr '59

ALCOHOLISM—Continued

- New York academy of medicine. Committee on public health relations. Alcoholism as a medical problem; a conference held under the auspices of the Committee and the New York state mental health comm. H. D. Kruse, editor. Hoeber '56 incl bibliog
- Page, R. C. Alcoholism and industrial health. *Ind Med* 23:147 Ap '54
- Pittman, David Joshua, and Gordon, Calvin Wayne. Revolving door; a study of the chronic police case inebriate. (Yale univ. Center of alcohol studies. Monographs, no2) Free press '58 p 147-50
- Podolsky, Edward, ed. Management of addictions. Philosophical lib. '55 incl bibliog
- Popham, R. E. Jellinek alcoholism estimation formula and its application to Canadian data. *Q J Stud Alcohol* 17:592-3 D '56
- Rosenman, S. Skid Row alcoholic and the negative ego image. *Q J Stud Alcohol* 16:472-3 S '55
- Thompson, George Newton. Alcoholism. Thomas '56 incl bibliog
- Thorpe, J. J. and Perret, J. T. Problem drinking. *AMA Archives Ind Health* 19:31-2 Ja '59
- Trice, Harrison Miller. Problem drinker on the job. (Bul. 40) N.Y. State school of industrial & labor relations, Cornell univ. '59 p49-50
- Wallerstein, Robert Solomon, and others. Hospital treatment of alcoholism; a comparative, experimental study; with an introd. by Karl A. Menninger. (Menninger clinic monograph ser, no 11) Basic bks. '57 incl bibliog
- Williams, R. J. and others. Dietary deficiencies in animals in relation to voluntary alcohol and sugar consumption. *Q J Stud Alcohol* 16:243-4 Je '55
- ALCOTT, Louise May, 1832-1888**
Worthington, Marjorie (Muir). Miss Alcott of Concord; a biography. Doubleday '58 p23-5

ALDEHYDES

See also

Formaldehyde**ALDOSTERONE**

- Geneva. Université. Clinique thérapeutique. International symposium on aldosterone; ed. by Alex F. Muller and Cecilia M. O'Connor. Little '58 incl bibliog

ALDRIDGE, James, 1918-

- Findeisen, H. Eine erste bibliographie der werke von James Aldridge. *Z Ang & Amerik* 6 no4:428-37 '58

ALENCAR, José Martiniano de, 1829-1877

- Leão, Mucio. José de Alencar; ensaio bibliográfico. (Publicações, 3) Acad. brasileira '55 p29-71

ALESSIO ROBLES, Vito, 1879-1957

- De Vette, R. O. Vito Alessio Robles, 1879-1957. *Hispan Am Hist R* 38:53-7 F '58

ALEXANDER the Great, king of Macedonia, 356-323 B.C.

- Abel, Armand. Le roman d'Alexandre; légendaire médiéval. (Colls. Lebeque et nationale no 112) Office de publicité '55 p 129-31
- Cary, George. Medieval Alexander; ed. by D. J. A. Ross. Cambridge '56 p378-93

ALEXANDER, John, 1891-1954

- Steele, John D., ed. Surgical management of pulmonary tuberculosis; introd. by Frederick A. Miller; biographical sketch of John Alexander by Cameron Haight. (John Alexander monograph ser. on various phases of thoracic surgery, pub. no 1) Thomas '57 p xiv-xvi

ALEXIA. See Aphasia**ALFALFA**

- Gerwig, J. L. and Ahlgren, G. H. Effect of different fertility levels on yield, persistence, and chemical composition of alfalfa. *Agron J* 50:294 Je '58
- Hobbs, G. A. and Lilly, C. E. Ecology of species of megachile Latreille in the mixed prairie region of southern Alberta with special reference to pollination of alfalfa. *Ecology* 35:461-2 O '54
- Lindahl, Ivan L. and others. Alfalfa saponins; studies on their chemical, pharmacological, and physiological properties in relation to ruminant bloat. (U.S. Dept. of agriculture. Technical bul. no 1161) U.S. Gov. pting. office '57 p81-3
- Reed, Charles Ewing, and others. Marketing dehydrated alfalfa. (U.S. Dept. of agriculture. Marketing research rep. no254) Marketing research div. U.S. Agricultural marketing service '58 p77-8

- Washington (state). State college, Pullman. Institute of agricultural sciences. Phosphate fertilization of alfalfa and some effects on the animal body. (Technical bul. 24) Wash. agricultural experiment stations '57 p21-3

Diseases and pests

- McDonald, W. C. Distribution and pathogenicity of the fungi associated with crown and root rotting of alfalfa in Manitoba. *Can J Ag/Sci* 35:320-1 My '55

ALFORD, Leon Pratt, 1877-1942

- Jaffe, William Julian. L. P. Alford and the evolution of modern industrial management; with an introd. by David B. Porter. N.Y. univ. press '57 p328-36

- ALFRED the Great, king of England, 849-901**
Duckett, Eleanor Shipley. Alfred the Great. Univ. of Chicago press '56 p208-15

ALGAE

- Allen, M. B. and Arnon, D. I. Studies on nitrogen-fixing blue-green algae. *Plant Physiol* 30:371-2 Jl '55
- Blum, J. L. Ecology of river algae. *Bot R* 22:331-41 My '56
- Chapman, V. J. Marine algal ecology. *Bot R* 23:343-50 My '57
- Chapman, V. J. and others. Check list of the fresh-water algae of New Zealand. *Roy Soc N Z Trans* 84:746-7 Ag '57
- Clendenning, K. A. and others. Comparative studies of photosynthesis in nostoc muscorum and chlorella pyrenoidosa. *Can J Bot* 34:964-6 N '56
- Cribb, A. B. *Macrocystis pyrifera* (L.) Ag. in Tasmanian waters. *Australian J Marine & Freshwater Res* 5:33-4 Mr '54
- Dawson, E. Y. Annotated list of marine algae from Eniwetok atoll, Marshall islands. *Pac Sci* 11:129-32 Ja '57
- Dawson, Elmer Yale. Marine algae from the 1958 cruise of the Stella Polaris in the Gulf of California. (Contributions in science, no27) Los Angeles county museum '59 p38-9
- Dawson, Elmer Yale. Marine algae from the Pacific Costa Rican gulfs. (Contributions in science, no 15) Los Angeles county museum '57 p26-3
- Dawson, E. Y. Some marine algae of the southern Marshall islands. *Pac Sci* 10:60-6 Ja '56
- Dellow, V. Marine algal ecology of the Hauraki gulf, New Zealand. *Roy Soc N Z Trans* 83:88-91 Je '55
- Desikachary, T. V. and Singh, A. D. Structure and reproduction of pseudogloioophoea fascicularis (Boerger.) comb. nov. *Ind Acad Sci Proc serB* 48:171-2 Mr '58
- Douglas, B. Ecology of the attached diatoms and other algae in a small stony stream. *J Ecol* 46:321-2 Jl '58
- Drew, K. M. Life histories in the algae, with special reference to the chlorophyta, phaeophyta and rhodophyta. *Cambridge Philos Soc Biol R* 30:381-7 N '55
- Drew, K. M. Reproduction in the bangiophycidae. *Bot R* 22:599-604 O '56 annot
- Evans, J. H. Survival of freshwater algae during dry periods. *J Ecol* 46:167: 47:80-1 Mr '58, Mr '59
- Fitzgerald, G. P. Bactericidal and algicidal properties of some algicides for swimming pools. *Ap Microbiol* 7:210-11 Jl '59
- Fowden, L. Comparison of the compositions of some algal proteins. *Ann Bot* 18:265-6 Jl '54
- Gibb, D. C. Free-living forms of ascophyllum nodosum (L.) Le Jol. *J Ecol* 45:82-3 Ap '57
- Goasdale, H. Freshwater algae of Alaska. *Am Micros Soc Trans* 75:65-70 Ja '56
- Hughes, E. O. and others. Toxicity of a unialgal culture of microcystis aeruginosa. *Can J Microbiol* 4:235-6 Je '58
- Johnson, J. H. Bibliography of fossil algae: 1942-1955. *Colo Sch Mines Q* 52:1-92 Ap '57
- Johnson, J. H. and Konishi, K. Review of Mississippian algae. *Colo Sch Mines Q* 51:80-4 O '56
- Jones, R. F. On the chemical composition of the brown alga himanthalia elongata (L.) S. F. Gray. *Biol Bul* 110:177-8 Ap '56
- Komárek, Jiří, and Ettl, Hanuš. Algologische studien. Verlag der Tschechoslowakischen akad. der wissenschaften '58 incl bibliog
- Leedale, G. F. Periodicity of mitosis and cell division in the euglenineae. *Biol Bul* 116:173-4 F '59

ALGAE—Continued

- London, Science museum, Science library. Some references to carbon dioxide/oxygen relations in algae (1941-1957). (Biblog ser, no764) The library 58 1p
- Lund, J. W. G. and Talling, J. F. Botanical limnological methods with special reference to the algae. Bot R 23:548-83 O '57
- McClendon, J. H. Physical environment of chloroplasts as related to their morphology and activity in vitro. Plant Physiol 29:457-8 S '54
- Mautner, H. G. Chemistry of brown algae. Econ Bot 8:188-92 Ap '54
- Norris, Richard Earl. Morphological studies on the kallymeniaceae. (Calif. Univ. Pubs. in botany, v28, no5) Univ. of Calif. press '57 p313-17
- Nova Scotia research foundation. Selected bibliography on algae. (No3-4) The foundation '56-58 2v
- Palmer, C. M. Algae and other organisms in waters of the Chesapeake area. Am Water Works Assn J 50:949-50 Jl '58
- Palmer, C. M. and Ingram, W. M. Suggested classification of algae and protozoa in sanitary science. Sewage & Ind Wastes 27:1188 O '55
- Palmer, C. M. and Poston, H. W. Algae and other interference organisms in Indiana water supplies. Am Water Works Assn J 48:1345-6 O '56
- Palmer, C. M. and Tarzwell, C. M. Algae of importance in water supplies. Pub Works 86:120 Je '55
- Philipose, M. T. Contributions to our knowledge of Indian algae: volvocales, unicellular forms. Ind Acad Sci Proc serB 48:309-11 My '58
- Rao, C. B. On the distribution of algae in a group of six small ponds. J Ecol 41:70-1; 43:307-8 Ja '53, Ja '55
- Round, F. E. Studies on bottom-living algae in some lakes of the English Lake district. J Ecol 45:148, 359-60, 664 Ap, Jl, N '57
- Ryther, J. H. Inhibitory effects of phytoplankton upon the feeding of daphnia magna with reference to growth, reproduction, and survival. Ecology 35:532-3 O '54
- Scagel, Robert F. Annotated list of the marine algae of British Columbia and northern Washington (incl keys to genera) (Bul. no 150; Biological ser, no52) Nat. museum of Canada '57 p256-69
- Schumacher, G. J. Qualitative and quantitative study of the plankton algae in southwestern Georgia. Am Midl Natur 56:114-15 Jl '56
- Schwimmer, Morton, and Schwimmer, David. Role of algae and plankton in medicine. Grune '55 p66-80
- Silva, P. C. and Womersley, H. B. S. Genus codium (chlorophyta) in southern Australia. Australian J Bot 4:287-9 N '56
- Smith, G. M. Role of study of algae in the development of botany. Am J Bot 43:542-3 Jl '56
- Sparling, Shirley Ray. Structure and reproduction of some members of the rhodomeniaceae. (Calif. Univ. Pubs. in botany, v29, no3) Univ. of Calif. press '57 p378-81
- Starr, Richard Cawthon. Comparative study of chlorococcum meneghini and other spherical, zoospore-producing genera of the chlorococcales. (Ind. Univ. Pubs. Science ser, no20) Ind. univ. press '55 p 103-7
- Taylor, William Randolph. Marine algae of the northeastern coast of North America. 2d rev ed (Mich. Univ. Studies, Scientific ser, v 13) Univ. of Mich. press '57 p348-65
- Wærn, Mats. Rocky-shore algae in the Öregrund archipelago. (Svenska växtgeografiska sällskapet, Uppsala. Acta. phytogeographica suecica, 30) Almqvist '52 p282-98
- Whitford, L. A. Communities of algae in the springs and spring streams of Florida. Ecology 37:442 Jl '56
- Womersley, H. B. S. Critical survey of the marine algae of southern Australia. Australian J Marine & Freshwater Res 7:378-83 O '56
- Young, E. G. and Langille, W. M. Occurrence of inorganic elements in marine algae of the Atlantic provinces of Canada. Can J Bot 36:309-10 My '58
- Zaneveld, Jacques Simon. Economic marine algae of tropical south and east Asia and their utilization. (Special pubs, no3) Indo-Pacific fisheries council '55 p47-53

See also

Carragen
Desmids
Diatoms
Metabolism (algae)
Oedogoniaceae
Rhodophyceae
Stoneworts

Classification

Fensholt, D. E. Emendation of the genus cystophyllum (fucales) Am J Bot 42:321-2 Mr '55
Papenfuss, G. F. Progress and outstanding achievements in phycology during the past fifty years. Am J Bot 44:79-81 Ja '57

Development

Fensholt, D. E. Emendation of the genus cystophyllum (fucales) Am J Bot 42:321-2 Mr '55
Papenfuss, G. F. Progress and outstanding achievements in phycology during the past fifty years. Am J Bot 44:79-81 Ja '57
Prescott, G. W. Guide to the literature on ecology and life histories of the algae. Bot R 22:198-240 Mr '56
Rao, C. S. P. Life-history and reproduction of polydides caprinus (Gunn.) Papenf. Ann Bot 20:229-30 Ap '56
Stein, J. R. Morphologic and genetic study of gonium pectorale. Am J Bot 45:671-2 N '58
Stein, J. R. Morphological study of astrophomene gubernaculifera and volvulina steinii. Am J Bot 45:397 My '58

Physiology

Fogg, G. E. Comparative physiology and biochemistry of the blue-green algae. Bact R 20:162-5 S '56

Reproduction

Geitler, L. Sexuelle fortpflanzung der pennaten diatomeen. Cambridge Philos Soc Biol R 32: 294-5 Ag '57
Sparling, Shirley Ray. Structure and reproduction of some members of the rhodomeniaceae. (Calif. Univ. Pubs. in botany, v29, no3) Univ. of Calif. press '57 p378-81

ALGAE, Effect of light on

Edmondson, W. T. Relation of photosynthesis by phytoplankton to light in lakes. Ecology 37:172-4 Ja '56

ALGAE, Effect of X-rays on

Wethrell, D. F. and Krauss, R. W. X-ray induced mutations in chlamydomonas eugametos. Am J Bot 44:618-19 Jl '57

ALGAE, Fossil

Emberger, J. Lithoporella eliotti nov. sp., mélobésée nouvelle du jurassique supérieur des monts des Oulad-Nail. Atlas saharien (Algérie). Soc Géol France Bul 6:628-9 Mr '58

Endo, R. and Horiguchi, M. Fossil algae from the Fukuji district in the Hida massif. Japan J Geol & Geog 28:176-7 D '57

Johnson, J. H. Bibliography of fossil algae, 1942-1955. Colo Sch Mines Q 52:1-92 Ap '57 annot

Johnson, J. H. and Konishi, K. Studies of Devonian algae. Colo Sch Mines Q 53:79-84, 109 Ap '58

Johnson, J. H. and others. Studies of Silurian (Gotlandian) algae. Colo Sch Mines Q 54:77-82, 129, 158 Ja '59

Rezak, R. Permian algae from Saudi Arabia. J Paleont 33:538-9 Jl '59

ALGAE as food

Lavery, John, and Tischer, Robert G. Food from algae: a review of the literature. (Lib. bul. no 1) Lib. branch, U.S. Quartermaster food & container inst. for the armed forces '58 31p

ALGEBRA

Albert, Abraham Adrian. Fundamental concepts of higher algebra. Univ. of Chicago press '56 p 152-5

Glaeser, G. Etude de quelques algèbres tayloriennes. J Analyse Math 6 no 1:122-4 '58

Kadison, R. V. Theory of operators: operator algebras. Am Math Soc Bul 64:84-5 My '58

Kadison, R. V. Unitary invariants for representations of operator algebras. Ann Math 66:377-9 S '57

ALGEBRA—Continued

Schafer, R. D. Structure and representation of nonassociative algebra. *Am Math Soc Bul* 61:480-4 N '55

See also

Diophantine analysis
Equations
Forms (mathematics)
Groups, Theory of
Mathematical analysis
Series

ALGEBRAIC fields. See Fields, Algebraic

ALGEBRAIC functions. See Functions, Algebraic

ALGEBRAIC geometry. See Geometry, Algebraic

ALGEBRAS, Linear

Dunford, Nelson, and Schwartz, Jacob T. Linear operators; with assistance of William G. Bade and Robert G. Bartle. (Pure and applied mathematics, v7) Interscience '58 p/31-826

ALGERIA

Initiation à l'Algérie, par J. Alazard [et al] Adrien-Maisonneuve '57 incl bibliog

Yacono, Xavier. Les bureaux arabes et l'évolution des genres de vie indigènes dans l'ouest du Tell algérois (Dahra, Chélif, Ouarsenis, Sersou) (Coll. de docs. inédits sur l'histoire de l'Algérie après 1830. ser3: Etudes, v 1) Larose '53 p393-431

Yacono, Xavier. La colonisation des plaines du Chélif, de Lavignerie au confluent de la Mina; v 1, Conditions offertes à la colonisation. L'emprise coloniale. Les facteurs de la transformation. Imbert '55 p 12-58

ALGONQUIAN Indians

See also

Chippewa Indians

ALICANTE, Spain

Víñes Serrano, Víctor. Al pie del Benacantil: costumbres, tradiciones y retazos de historia de Alicante; prólogo del Excmo. Sr. D. Luis Pérez Bueno. The author '53 p 197-8

ALICANTE, Spain (province)

Antiquities

Figueras Pacheco, Francisco, and Fletcher Valls, Domingo. Bibliografía arqueológica de la provincia de Alicante. (Bibliog. alicantina) Comisión provincial de monumentos históricos y artísticos '58 315p

ALIMENTARY canal

Radiography

Singleton, Edward B. X-ray diagnosis of the alimentary tract in infants and children. Year bk. pub. '59 incl bibliog

ALKALIES

See also

Sodium

ALKALOIDS

Bentley, Kenneth Walter. Chemistry of the morphine alkaloids. (Monographs on the chemistry of natural products) Oxford '54 incl bibliog

Willaman, J. J. and Schubert, B. G. Alkaloid hunting. *Econ Bot* 9:148-50 Ap '55

See also

Colchicine
Lysergic acid diethylamide
Solanine

ALKYLATION

Shreve, R. N. and others. Ind & Eng Chem 47:1836-9; 48:1560-2; 49:1465-7; 50:1324-7; 51:1060-4 S '56, S '56, S '57, S '58, S '59

See also

Chemical reaction

ALL India congress

Sharma, Jagdish Saran. A.I.C.C. circulars: a descriptive bibliography. (Nat. bibliog. no4) Indian nat. congress '56 44p annot

ALLAN, John Andrew, 1884-1955

Warren, P. S. Memorial to John A. Allan (1884-1955) *Geol Soc Am Proc* 1955:90-2 Jl '56

ALLEE, Warder Clyde, 1885-1955

Schmidt, K. P. Warder Clyde Allee, 1885-1955. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p28-40)

ALLEGORY

Berger, Harry. Allegorical temper: vision and reality in book II of Spenser's Faerie queene. (Yale studies in English, v 137) Yale univ. press '57 p241-6

ALLELOMORPHISM

Laughnan, J. R. Structural and functional bases for the action of the A alleles in maize. *Am Natur* 89:102-3 Mr '55

Lewis, E. B. Some aspects of position pseudo-

allelism. *Am Natur* 89:88-9 Mr '55

Merrell, D. J. and Underhill, J. C. Competition between mutants in experimental populations of *Drosophila melanogaster*. *Genetics* 41:484-5 Jl '56

ALLEN, Charles Elmer, 1872-1954

Smith, G. M. Charles Elmer Allen, 1872-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p 12-15)

ALLEN, Frederick Lewis, 1890-1954

United States. Library of Congress. Manuscript division. Frederick Lewis Allen: a register of his papers in the Library of Congress. The library '58 7p

ALLEN, Henry Tureman, 1859-1930

United States. Library of Congress. Manuscript division. Henry T. Allen: a register of his papers in the Library. The division '58 10p

ALLEN, Herbert Stanley, 1873-1954

Wilson, W. Herbert Stanley Allen, 1873-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p 10)

ALLERGY

Abramson, Harold Alexander. Patient speaks; mother story verbatim in psychoanalysis of allergic illness. *Vantage* '56 p238-9

Alexander, Harry Louis. Reactions with drug therapy. Saunders '55 incl bibliog

American dietetic association. Diet therapy section. Allergy; annot. bibliog, 1945-1954. The association '55 28p

Baer, Rudolf L. ed. Allergic dermatoses due to physical agents. N.Y. univ. press '56 incl bibliog

Hansen, Karl, ed. Allergie, von H. E. Bock [et al] 3d rev & enl ed Thieme '57 incl bibliog

Harris, Maurice Coleman, and Shure, Norman. Practical allergy. Davis '57 p437-47

Lawrence, Henry Sherwood, ed. Cellular and humoral aspects of the hypersensitive states; symposium held at the New York acad. of medicine. (New York acad. of medicine. Sec. on microbiology. Symposia. no9) Hoeber '59 incl bibliog

Miller, Hyman, and Baruch, Dorothy Walter. Practice of psychosomatic medicine as illustrated in allergy. McGraw '56 p 189-91

Quarterly review of allergy and applied immunology. Am. college of allergists. See numbers

Randolph, T. G. Descriptive features of food addiction. *Q J Stud Alcohol* 17:222-4 Je '56

See also

Anaphylaxis

ALLGÄU

History

Kammerer, Immanuel. Isny im Allgäu; bilder aus der geschichte einer reichsstadt. Verlag des heimatpflegers von Schwaben '56 p 199-210

ALLIANCE, Holy. See Holy alliance

ALLOWANCES, Family. See Family allowances

ALLOYS

American society for metals. Theory of alloy phases; a seminar on theory of alloy phases held during the 37th National metal congress and exposition, Philadelphia, October 15 to 21, 1955. The society '56 incl bibliog

Article references. See numbers of Plating

Greenfield, P. and Beck, P. A. Intermediate phases in binary systems of certain transition elements. *J Metals* 8:275-6 F '56

Hansen, Max, and Anderko, Kurt. Constitution of binary alloys. 2d ed (Metallurgy and metallurgical engineering ser) McGraw '58 incl bibliog

Haughton, John Leslie. Constitutional diagrams of alloys; a bibliog, originally comp. by J. L. Haughton; 2d ed. comp. by A. Prince. (Monograph and rep. ser, no2) Inst. of metals '56 323p

See also

Aluminum alloys
Chromium alloys
Copper alloys
Iron alloys
Lead alloys
Nickel alloys
Steel alloys
Thorium alloys
Titanium alloys
Uranium alloys

ALLOYS, Heat resisting

- Blumberg, H. S. Metallurgical considerations of main steam piping for high-temperature, high-pressure service. *Am Soc Mech Eng Trans* 79:1390-1 Ag '57
- Goetzl, C. G. Dispersion strengthened alloys: the possibilities for light metals. *J Metals* 11:194, 280 Mr '59
- Hehenmann, Robert Frederick, and Ault, G. Mervin, eds. High temperature materials; conference held in Cleveland, Ohio, Apr. 16-17, 1957; sponsored by High temperature alloys com. inst. of metals div. of the Metallurgical soc. Am. inst. of mining, metallurgical, and petroleum engineers. Wiley '59 incl bibliog
- Pospíšil, Rudolf. Antikorozní a žáruvzdorné oceli. *Státní nakl. technické literatury* '56 p226-33
- Richmond, J. C. and others. Ceramic coatings for nuclear reactors. *Am Cer Soc J* 38:79-80 F '55
- Westbrook, J. H. Temperature dependence of the hardness of secondary phases common in turbine bucket alloys. *J Metals* 9:904 JI '57

ALLUVIUM

- Russell, R. J. Geological geomorphology. *Geol Soc Am Bul* 69:19-21 Ja '58

ALMANACS

- See also
Literary calendars

ALPHA rays

- Bohr, Aage, and others. On the fine structure in alpha decay. (*Danske videnskabernes selskab, Copenhagen, Matematisk-fysiske meddelelser*, v29, no 10) Munksgaard '55 p 19-20

ALPHA rhythms. See Brain potentials**ALPINE flora**

- Churchill, E. D. and Hanson, H. C. Concept of climax in arctic and alpine vegetation. *Bot R* 24:181-91 F '58
- Costin, A. B. High mountain vegetation of Australia. *Australian J Bot* 5:188-9 S '57
- Knaben, Gunvor. On the evolution of the radicum-group of the scapiflora papaveras as studied in 70 and 56 chromosome species; pt. A. Cytotaxonomical aspects. (*Opera botanica*, v 2, no3) Almqvist '59 p72-4
- Raven, John Earle, and Walters, Max. Mountain flowers. (New naturalist; a survey of British natural history) Macmillan '56 p220-5

ALPS

- Flaig, Walther. Lawinen: abenteuer und erfahrung, ergebnis und lehre. 2d rev ed Brockhaus '55 p235-40

ALSACE

- Bibliographie alsacienne, 1951[1957] *R Alsace* 91:120-49; 92:160-79; 93:148-73; 94:178-207; 95 no 1:82-113; 96:168-200; 97:160-96 '52-'58
- Juillard, Etienne. La vie rurale dans la plaine de Basse-Alsace; essai de géographie sociale. (Inst. des hautes études alsaciennes. Pubs, v9) Le Roux '53 p551-71

ALT, Robert, 1905-

- Berlin. Universität. Institut für systematische pädagogik und geschichte der pädagogik. Beiträge zur geschichte der erziehung; Robert Alt zum 50. geburtstag. Volk & wissen '55 p25-7

ALTAIC languages

- Altaistische arbeiten in den jahren 1953-1954. *Ural-Altäische Jahrb* 26 no 3-4:256-67 '54

- See also
Ural-Altai languages

ALTAMIRANO, Ignacio Manuel, 1834-1893

- Warner, Ralph Emerson. Bibliografía de Ignacio Manuel Altamirano. (Ser. Letras, no 19) Impr. universitaria '55 219p

AL-TANOKHI, al-Muḥassin ibn 'Alī, 940?-994

- Fakkār, Rushdī. At-Tanūhī et son livre: La délivrance après l'angoisse. (Recherches d'archéologie, de philologie et d'histoire, v24; Pubs) Inst. français d'archéologie orientale '55 p xi-xvi

ALTERNATION, Double

- Pascal, G. R. and Jenkins, W. O. Hunter-Pascal concept formation test: an experimental approach to the measurement of cortical capacity. *J Clin Psychol* 15:163 Ap '59

ALTHAUS, Paul, 1888-

- Dank an Paul Althaus; eine festgabe zum 70. geburtstag, dargebracht von freunden, kollegen und schülern, hrsg. von Walter Künneht und Wilfried Joest [bibliog. by W. Lohff] Bertelsmann '58 p246-72

ALTHEIM, Franz, 1898-

- Merkel, Eberhard. Franz Altheim: bibliographie seiner schriften; zum 60. geburtstag am 6. okt. 1958. Klostermann '58 40p

ALTITUDE, Influence of

- Boothby, Walter Meredith, ed. Respiratory physiology in aviation. USAF School of aviation medicine, Air univ. '54 incl bibliog
- Haber, Heinz. Physical environment of the flyer. USAF School of aviation medicine, Air univ. '54 p 157-66
- Murali, Alexander L. von, ed. 25 jahre hochalpine forschungsstation Jungfrauoch. (Experientia sup6) Birkhäuser verlag '57 p72-86
- Puntriano, G. O. Physiological basis of brisket disease in cattle. *Am Vet Med Assn J* 125: 329 O '54

ALUMINUM

- Aluminium development association. List of publications. The association '54 26p
- Aluminium development association. Symposium on aluminum and its alloys in electrical engineering; convened by the Association and held at the Inst. of electrical engineers, London, May 16 and 17, 1957. The association '57 incl bibliog
- Aluminum and its alloys in 1955[1958] *Metalurgia* 53:69-79; 55:67-73; 57:79-92; 59:79-85, 109-16 F '56, F '57, F '58, F-Mr '59
- Benton, Mildred Catherine. Corrosion in engine cooling systems containing aluminum; a literature survey. (Bibliog. no5) Naval research laboratory '55 30p
- Campbell, I. R. and others. Aluminum in the environment of man. *AMA Archives Ind Health* 15:430-48 My '57
- Deltombe, E. and Pourbaix, M. Electrochemical behavior of aluminum. *Corrosion* 14:20 N '58
- Edwards, Junius David, and Wray, Robert Isom. Aluminum paint and powder. 3d ed Reinhold '55 incl bibliog
- House, H. E. and Tuttle, P. D. Current-carrying capacity of ACSR. *Power Apparatus & Systems* no40:1173 F '59
- Istituto sperimentale dei metalli leggeri. Bollettino bibliografico. The institute. See numbers thru 1955
- Jaeger, H. E. Aluminum in shipbuilding. *Int Ship Prog* 2 no 11:349-50 '55
- Lewis, W. A. and Tuttle, P. D. Resistance and reactance of aluminum conductors, steel reinforced. *Power Apparatus & Systems* no40:1214 F '59
- MacCormack, Robert S. and others. Bibliography on the corrosion of aluminum in water. (U.S. Atomic energy comm. CU 153) Technical information service '53 99p
- Reynolds metal company. Aluminum in modern architecture, by John Peter. Reinhold '56 2v incl bibliog
- Wernick, S. and Pinner, R. Surface treatment and finishing of light metals. *Metal Finish* 53:76-7 Mr '55

- See also
Bauxite
Plants—Aluminum content

Metallurgy

- Sherby, O. D. and others. Activation energies for creep of high purity aluminum. *Acta Metallurgica* 5:227 Ap '57

ALUMINUM alloys

- Aluminum and its alloys in 1955[1958] *Metalurgia* 53:69-79; 55:67-78; 57:79-92; 59:79-85, 109-16 F '56, F '57, F '58, F-Mr '59
- Battelle memorial institute, Columbus, Ohio. Foundry manual for sand casting aluminum-10 per cent magnesium alloy. Office of technical services, U.S. Dept. of commerce '54 p 116-18
- Fritts, H. W. and Horst, R. L. Aluminum alloys. *Ind & Eng Chem* 47:1952; 48:1701; 49:1583; 50:1432; 51:1160 S '55, S '56, S '57, S '58, S '59
- Wernick, S. and Pinner, R. Surface treatment and finishing of light metals. *Metal Finish* 53:76-7 Mr '55

ALUMINUM industry and trade

- Botzen, Frederik Willem. Enige aspecten van de ontwikkeling der aluminiumindustrie in de eerste halve eeuw van haar bestaan. *Excelsior* '54 p246-9
- United States. Business and defense services administration. Aluminum and magnesium division. Materials survey: aluminum; comp. for the Office of defense mobilization. The division '57 14p (at end)

ALUR (African tribe)

Southall, Aidan William. Alur society; a study in processes and types of domination. Heffer '56 p383-90

ALVARADO, Pedro de, 1485?-1541

Alvarado, Pedro de. Relación hecha por Pedro de Alvarado a Hernando Cortés, en que se refieren las guerras y batallas para pacificar las provincias del antiguo reino de Goathemala. (Biblioteca José Porrúa. Estrada de historia mexicana. 3. Ser. 1: La Conquista, no3) J. Porrúa '54 p 101-10

AMADES, Joan

Amades, Joan. La barretina. (No 1) Biblioteca de cultura tradicional '55 p74-8

AMALARIUS, abb of Treves, 9th cent

Cabaniss, James Allen. Amalaricus of Metz. North-Holland pub. co. '54 p 107-14

AMARYLLIS

Traub, Hamilton Paul. Amaryllis manual. Macmillan '58 p314-22

AMATEUR theatricals

Ireland, Norma (Olin). Index to skits and stunts. (Useful reference ser, no88) Faxon '58 348p

Losey, Jessie Louise. Selected, annotated list of one-act plays for festival use. (Emporia state research studies, v4, no 1) Kansas state teachers college '55 36p

National council of teachers of English. Committee on playlist. Guide to play selection. 2d ed Appleton '58 178p

Simos, Jack. Social growth through play production. Assn. press '57 p 189-92

See also

Drama in education

AMAZON valley

Sioli, H. Über natur und mensch im brasilianischen Amazonasgebiet. Erdkunde 10:108-9 Ap '56

Antiquities

Meggers, Betty Jane, and Evans, Clifford. Archeological investigations at the mouth of the Amazon. (U.S. Bur. of Am. ethnology, Bul. 167) U.S. Gov. ptg. office '57 p603-18

AMEBA

Neff, R. J. and others. Nutrition and metabolism of a soil amoeba, acanthamoeba sp. Physiol Zool 31:90-1 Ja '58

Reich, K. Effect of cyanide and azide on the respiration of the amoeba mayorella palestinensis. Physiol Zool 28:150-1 Ap '55

See also

Endameba

AMENORRHEA. See Menstruation**AMERICA**

América en la bibliografía española. See numbers of Estudios americanos

Lambeth palace. Library. New world; a catalogue of an exhibition of bks, maps, mss, and docs. held at the Library between 1 May and 1 Dec. 1957, together with transcripts of five unpub. docs. in the lib. relating to the early history of the Am. continent. The library '57 94p

Larned, Josephus Nelson, ed. Literature of American history; a bibliog. guide, with sup, in which the scope, character, and comparative worth of bks. in sel. lists are set forth in brief notes by critics of authority; contributors: Charles M. Andrews [and others] (Annot. lists) A.L.A. '53 588, 37p

United States. Department of state. Office of intelligence research. Unpublished research on American republics (excluding the United States) completed and in progress. (External research list 12.1) The office '53 24p

See also

Americana

Antiquities

Bibliographie américaniste. Soc Américanistes J 41:523-617; 42:433-531; 43:247-349; 44:275-359; 45:247-370; 46:239-382 '52-'57

Wiley, Gordon Randolph, ed. Prehistoric settlement patterns in the New World. (Viking foundation pubs. in anthropology, no23) Wenner-Gren foundation for anthropological research '57 p 183-202

Climate

Schulman, Edmund. Dendroclimatic changes in semiarid America. Univ. of Ariz. press '56 p 139-42

Discovery and exploration

Barbeau, Marius. Pathfinders in the North Pacific. Caxton prts. '58 p225-30 annot

Barker, Eugene Campbell, and others. Our new land. Row '55 incl bibliog

Bibliographie américaniste. Soc Américanistes J 41:523-617; 42:433-531; 43:247-349; 44:275-359; 45:247-370; 46:239-382 '52-'57

Crouse, Nellis Maynard. La Vérendrye, fur trader and explorer. Cornell univ. press '56 p237-41

Lamb, Harold. New found world; how North America was discovered & explored. (Mainstream of Am. ser) Doubleday '55 p325-8 annot

Quattlebaum, Paul. Land called Chicora; the Carolinas under Spanish rule with French intrusions, 1520-1670. Univ. of Fla. press '56 p 143-8

Roanoke voyage, 1584-1590; docs. to illustrate the English voyage to North America under the patent granted to Walter Raleigh in 1584; ed. by David Beers Quinn. (Works, 2d ser, no 104) Hakluyt soc. '55 2v v2, p911-46

Whitebrook, Robert Ballard. Coastal exploration of Washington; foreword by Henry R. Wagner. Pacific bks. '59 p 139-46

Norse

Holand, Hjalmar Rued. Explorations in America before Columbus. Twayne '56 p365-73

Mallery, A. H. Pre-Columbian discovery of America: a reply to W. S. Godfrey. Am Anthropol 60:150-2 F '58

See also

Kensington rune stone

History

California. University. Bancroft library. Preliminary guide to the microfilm collection in the Bancroft library, by Mary Ann Fisher. The university '55 28p

Tudela, José. Los manuscritos de América en las bibliotecas de España. Ed. Cultura hispánica '54 586p

To 1810

Lambeth palace. Library. New world; a catalogue of an exhibition of bks, maps, mss, and docs. held at the Library between 1 May and 1 Dec. 1957, together with transcripts of five unpub. docs. in the lib. relating to the early history of the Am. continent. The library '57 94p

AMERICAN Bible society

Gibson, John Mendinghall. Soldiers of the word; the story of the Am. Bible society. Philosophical lib. '58 p295-300

AMERICAN cookery. See Cookery, American**AMERICAN diaries**

Pritchard, James A. Overland diary from Kentucky to California in 1849; with a biography of Captain James A. Pritchard, by Hugh Pritchard Williamson; ed. by Dale L. Morgan; with an introd. bibliog. and a chart of travel by all known diarists west across South Pass in 1849. Old West '59 p 177-200

AMERICAN drama

Gassner, John, ed. Best American plays; 4th ser, 1951-1957. Crown '58 p645-8

Moody, Richard. America takes the stage; romanticism in Am. drama and theatre, 1750-1900. (Ind. univ. pubs. Humanities ser, no34) Ind. univ. press '55 p265-307

Nottinghamshire county library. Nottingham, England. Plays for reading and production; a catalogue of the drama section. The library '55 109p

History and criticism

Sievers, Wieder David; Freud on Broadway; a history of psychoanalysis and the Am. drama. Hermitage '55 p455-61

AMERICAN fiction

Anderson, Carl L. Swedish acceptance of American literature. Almqvist '57 p 108-38

Coan, Otis Welton, and Lillard, Richard Gordon. America in fiction; an annot. list of novels that interpret aspects of life in the United States. 4th ed Stanford univ. press '56 200p annot

Syracuse. Public library. Gold star list of American fiction. 41st-44th ed The Library '56-'59 4v

Wright, Lyle Henry. American fiction, 1851-1875; a contribution toward a bibliography. (Pubs) Henry E. Huntington lib. '57 413p

AMERICAN fiction—*Continued*

History and criticism

- Anderson, Carl L. Swedish acceptance of American literature. *Almqvist* '57 p 102-7, 139-46
- Georgi, Charlotte. Novel and the Pulitzer prize, 1918-1958. (Lib. extension pubs. v23, no4) Univ. of N. C. '58 incl bibliog
- Martin, Harold Clark, ed. Style in prose fiction [bibliog. by Harold C. Martin and Richard M. Ohmann] (English institute. Essays, 1958) Columbia univ. press '59 p 191-200
- Papashvily, Helen Waite. All the happy endings; a study of the domestic novel in America, the women who wrote it, the women who read it, in the nineteenth century. Harper '56 p214-23
- Rideout, Walter Bates. Radical novel in the United States, 1900-1954; some interrelations of literature and society. Harvard univ. press '56 p292-300
- Smith, Thelma M. and Miner, Ward L. Transatlantic migration; the contemporary Am. novel in France. Duke univ. press '55 p 193-217

AMERICAN field service

- Rock, George, and others. History of the American field service, 1920-55. Am. field service '56 p 705-6

AMERICAN Indians. See Indians; Indians of Central America; Indians of Mexico; Indians of North America; Indians of South America

AMERICAN literature

- Blanck, Joseph Nathaniel. Bibliography of American literature; comp. for the Bibliog. soc. of America. Yale univ. press '55-'59 3v
- University interscholastic league. Prose and poetry bibliography, for use in the elementary school, junior and senior declamation, and poetry reading contests. (Tex. Univ. Pub. no 5621 [i.e.] 5617) Univ. of Tex. '56 13p

See also

- American drama
American fiction
Brazilian literature
Canadian literature
German American literature
Literature, Comparative—American and German
Spanish American literature

History and criticism

- Articles on American literature appearing in current periodicals. See numbers of American literature annot
- Aus dem Jahresverzeichnis der deutschen hochschulschriften 1921-1930(1-1953-1955) *Z Ang & Amerik* 4 no4:507-8; 5 no 1:120-7; no2:233-8; no3:345-50; no4:454-9; 6 no 1: 106-11; no2:219-23; no3:328-35; no4:438-42; 7 no 1:105-10; no2:223; no3:330-4; no4:440-3 '56-'59
- Bradbury, John M. Fugitives; a critical account. Univ. of N.C. press '58 p273-94
- Cady, Edwin Harrison, and others. Growth of American literature; a critical and historical survey. (Am. literature ser) Am. bk. co. '56 p887-96
- Canby, Henry Seidel. Classic Americans; a study of eminent Am. writers from Irving to Whitman; with an introd. survey of the colonial background of our nat. literature. Russell & Russell '59 p353-60
- Edel, Leon, and others, eds. Masters of American literature. Houghton '59 2v v 1, p891-6; v2, p933-9 annot
- Gohdes, Clarence. Bibliographical guide to the study of the literature of the U.S.A. Duke univ. press '59 100p
- Hollis, C. C. Basic works in American literature. *Cath Lib World* 30:93-8+ N '58 annot
- Lange, H. In arbeit befindliche dissertationen. *Z Ang & Amerik* 6 no2:213-18 '58
- Leary, L. Studies in American literature in the United States since World war II. *Jahrb Amerikastud* 3:214-37 '58
- Literary history of the United States; eds: Robert E. Spiller [and others] Bibliog. sup. ed. by Richard M. Ludwig. Macmillan '59 268p annot
- Rahv, Philip, ed. Literature in America; an anthology of literary criticism. Meridian bks. '57 p446-52

Spargo, John Webster. Bibliographical manual for students of the language and literature of England and the United States; a short-title list. 3d ed Hendricks house '56 285p

Spencer, Benjamin Townley. Quest for nationality; an Am. literary campaign. Syracuse univ. press '57 p341-72

Stovall, Floyd, ed. Development of American literary criticism, by Harry H. Clark [and others] Univ. of N.C. press '55 p247-53 annot

Taylor, Walter Fuller. Story of American letters. rev ed Regnery '56 p483-90 annot

Woodress, James Leslie. Dissertations in American literature, 1891-1955. Duke univ. press '57 100p

Research in progress

Research in progress. See numbers of American literature

Study and teaching

Leary, Lewis Gaston, ed. Contemporary literary scholarship; a critical review; for the Com. on literary scholarship and the teaching of English of the Nat. council of teachers of English [contributing auths: George K. Anderson and others] Appleton '58 p463-7 annot

Translations from Italian

Luciani, V. Modern Italian fiction in America, 1929-1954. N Y Pub Lib Bul 60:12-34 Ja '56 annot

Translations into Arabic

United States. Information service. Beirut. American books in Arabic translation; catalog. The service '58 110p

Translations into French

Smith, Thelma M. and Miner, Ward L. Transatlantic migration; the contemporary Am. novel in France. Duke univ. press '55 p217-45

United States. Information service, Paris. Les Etats-Unis à travers les livres; répertoire d'ouvrages disponibles en librairie au 15 mai 1952. The service '52 192p

Translations into German

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. USA im spiegel der literatur. Verlag für buch- & bibliothekswesen '57 132p

United States. Information agency. Verzeichnis amerikanischer bücher in deutscher übersetzung erschienen seit 1945. The agency '54 294p
—Nachtrag, sept. 1954-aug. 1956 [sept. 1956-aug. 1958] The agency '56-'58 2v

Translations into Portuguese

United States. Library of Congress. Hispanic foundation. Provisional bibliography of United States books translated into Portuguese. (Hispanic foundation bibliog. ser, no2) Reference dept. '57 182p

Translations into Spanish

Gjelsness, Rudolph Hjalmar. American book in Mexico; a bibliog. of bks. by auths. of the United States of Am. pub. in Mexico, 1952-55. (Studies, 4) Dept. of lib. science, Univ. of Mich. '57 92p

United States. Library of Congress. Hispanic foundation. Provisional bibliography of United States books translated into Spanish. (Hispanic foundation bibliog. ser, no3) Reference dept. '57 471p

Translations into Swedish

Anderson, Carl L. Swedish acceptance of American literature. *Almqvist* '57 p 108-38

South

Cantrell, Clyde Hull, and Patrick, Walton Richard. Southern literary culture; a bibliog. of masters' and doctors' theses. Univ. of Ala. press '55 124p

Crandall, Marjorie Lyle. Confederate imprints; a check list based principally on the coll. of the Boston Athenæum; with an introd. by Walter Muir Whitehill. (Pubs. no 11) Robert Charles Billings fund, Boston Athenæum '55 2v

AMERICAN literature—Continued

South Carolina

History and criticism

Cohen, Hennig. Articles in periodicals and serials on South Carolina literature and related subjects, 1900-1955. (S.C. biblogs, no4) S.C. Archives dept. '56 87p

Southwest

Campbell, Walter Stanley. Book lover's Southwest; a guide to good reading, by Stanley Vestal [pseud] Univ. of Okla. press '55 p269-72

Guide to the literature of the Southwest. See numbers of New Mexico quarterly review thru 1954

AMERICAN poetry

American academy of arts and letters. Festival of poetry; Am. poetry from 1912 to the present; an exhibition of original mss, bks, and magazines & a ser. of poetry readings, Dec. 2-30, 1955. The academy '55 26p

AMERICAN republics

See also

Central America

Latin America

South America

AMERICAN revolution. See United States—History—Revolution

AMERICAN SPANISH war, 1898. See United States—History—War of 1898

AMERICANA

Bannon, J. F. Saint Louis university collection of jesuitica americana. Hispan Am Hist R 37:83-8 F '57

Brigham, Clarence Saunders. Fifty years of collecting Americana for the Library of the American antiquarian society, 1908-1958. Am. antiquarian soc. '58 185p

Heaney, H. J. Americana collection of William M. Elkins. Biblio Soc Am Pa 50:129-65 Ap '56

Marinelli, A. V. La imprenta en las colonias angloamericanas; tr. por M. Condeminas. Biblioteconomía 14:46-7 Ja '57

Stetson, John Batterson. John B. Stetson, jr collection of Hispanic and other Americana; public auction sale. Parke-Bernet galleries '53 3v

AMERICANISMS (speech)

Francis, Winthrop Nelson. Structure of American English; with a chapter on Am. English dialects by Raven I. McDavid. Ronald '58 p598-602

Waldhorn, Arthur. Concise dictionary of the American language. (Midcentury reference lib) Philosophical lib. '56 p 185-6

Woodbridge, H. C. Tentative bibliography of Kentucky speech. Am Dial Soc Pub no30:17-36 N '58

AMERICANIZATION

Moore, Clarence D. and Hendrickson, Andrew. Annotated bibliography of materials for teachers of Americanization and literacy classes. Div. of adult education, Bur. of educational research & service, Ohio state univ. '58 12p

New York. Public library. Easy reading for adults; 300 titles helpful to living in America, chosen by a workshop group of the library. The library '54 62p

AMERICANS in Greece

Larrabee, Stephen Addison. Hellas observed; the Am. experience of Greece, 1775-1865. N.Y. univ. press '57 p335-43

AMERICANS in Mexico

Nunn, W. C. Escape from reconstruction; with a foreword by Austin L. Porterfield, Leo Potishman foundation, Tex. Christian univ. '56 p 125-7

AMETROPIA. See Eye—Accommodation and refraction

AMEZÚA Y MAYO, Agustín Gonzáles de, 1881-1956

Sánchez Cantón, F. J. Excelentísimo señor Don Agustín Gonzáles de Amézúa y Mayo (1881-1956) Acad Hist Ból 140:16-22 Ja '57

AMIDES

Klare, Hermann. Technologie und chemie der synthetischen fasern aus polyamiden. Verlag Technik '54 p234-44

AMINATION

Werner, J. Amination by reduction. Ind & Eng Chem 47:1841; 48:1565; 49:1569; 50:1329; 51:1066 S '55, S '56, S '57, S '58, S '59

AMINES

API. survey shows few amine corrosion problems. Pet Refiner 37:281-3 N '58

See also

Histamine

AMINO acids

Anderson, R. F. and Jackson, R. W. Essential amino acids in microbial proteins. Ap Microbiol 6:373 S '58

Baron, H. Some effects of DL-methionine and glycocyanine on growth and nitrogen retention in rats. J Nutrition 64:237-9 F '58

Block, Richard Joseph. Amino acid handbook; methods and results of protein analysis; with the cooperation of Kathryn W. Weiss; with contributions by Herman J. Almquist [and others] Thomas '56 p 179-245

Burchfield, H. P. and Storrs, E. E. Chemical structures and dissociation constants of amino acids, peptides, and proteins in relation to their reaction rates with 2,4-dichloro-6-(o-chloroanilino)-s-triazine. Boyce Thompson Inst Contrib 18:417-18 O '56

Cole, William Harder, ed. Amino acid malnutrition; contributors: James B. Allison [and others] Rutgers univ. press '57 incl bibliog

Fox, S. W. Evolution of protein molecules and thermal synthesis of biochemical substances. Am Scientist 44:358-9 O '56

Goodman, R. M. Effect of the W^v allele in the mouse on the differential excretion of the optical isomers of several amino acids. J Exp Zool 132:215-17 Jl '56

Groot, Antonius Petrus de. Protein and amino acid requirements of the honeybee (apis mellifica L.) W. Junk '53 p83-90

Harper, A. E. Sequence in which the amino acids of casein become limiting for the growth of the rat. J Nutrition 67:120-2 Ja '59

Jen, M. H. and Tsao, T. Comparative, chemical study of tropomyosins from different sources. Scientia Sinica 6:325-6 Ap '57

Linkswiler, H. and others. Availability to man of amino acids from foods. J Nutrition 65:453-4, 466-8 Jl '58

Meister, Alton. Biochemistry of the amino acids. Academic press '57 incl bibliog

Morrison, W. D. and others. Utilization of p-tryptophan by the chick. J Nutrition 60:61-3 S '56

Nasset, E. S. Comparison of amino acid mixtures and egg protein as sources of dietary nitrogen. J Nutrition 61:568-9 Ap '57

Orr, Martha Louise, and Watt, Bernice Kunerth. Amino acid content of foods. (U.S. Dept. of agriculture. Home economics research rep. no4) U.S. Gov. ptg. office '57 p81-2

Pfander, W. H. and Tribble, L. F. Some effects of adding supplements to lysine, methionine and tryptophan to practical swine rations. J Animal Sci 14:554-5 My '55

Phillips, W. A. and Berg, C. P. Effect upon growth of the D isomers in synthetic mixtures of the essential amino acids. J Nutrition 53:496-8 Ag '54

Rechcigl, M. and others. Histidine requirement of baby pigs. J Nutrition 60:628-9 D '56

Rechcigl, M. and others. Net utilization of non-specific nitrogen sources for the synthesis of non-essential amino acids. J Nutrition 63:190-2 O '57

Reynolds, M. S. Amino acid requirements of adults. Am J Clin Nutrition 6:442 Jl '58

Rubini, M. E. and Seligson, D. Acute reduction in plasma amino acids by carbohydrate infusion in diabetes and liver disease. Am J Clin Nutrition 6:374-5 Jl '58

Salmon, W. D. Significance of amino acid imbalance in nutrition. Am J Clin Nutrition 6:493-4 S '58

Tidwell, H. C. Effect of choline, methionine and ethionine on fat absorption. J Nutrition 58:577-8 Ap '56

Watts, J. H. and others. Biological availability of essential amino acids to human subjects. J Nutrition 67:495-6, 508 Mr '59

Wenneker, A. S. and Recant, L. Effect of ethionine feeding on liver and kidney coenzyme A content in the rat. J Nutrition 64:135-6 Ja '58

Whiteley, H. R. Fermentation of amino acids by micrococcus aerogenes. J Bact 74:329-30 S '57

Williams, Harold Henderson. Essential amino acid content of animal feeds. (Memoir 337) Agricultural experiment station, Cornell univ. '55 p27-31

AMINO acids—Continued

Wixom, R. L. and others. Nutritional studies with glycine, aminoethanol and related compounds in the chick. *J Nutrition* 64:28-31 Ja '58

Wood, W. A. Symposium on microbial amino acid metabolism. *Bact R* 20:287-8 D '56

See also

Bacteria, Effect of amino acids on

Cysteine

Glutamic acid

Glycine

Lysine

Methionine

Plants—Amino acid content

Tryptophan

AMINO BENZOIC acid

Weiss, E. and others. Selection of a mutant strain of rickettsia prowazeki resistant to *p*-aminobenzoic acid. *J Bact* 73:430 Mr '57

AMMONIA

See also

Soils—Ammonia content

AMMONITES. See Ammonoidea

AMMONOIDEA

Clark, D. L. Anisoceras and ancyloceras from the Texas cretaceous. *J Paleont* 32:1080-1 N '58

Donovan, D. T. Notes on the species cymbites laevigatus (J. de Sowerby) and on the genus cymbites Neumays. *Geol Mag* 94:419-20 S '57

Glenister, B. F. Upper Devonian ammonoids from the mantioceras zone, Fitzroy basin, western Australia. *J Paleont* 32:94-6 Ja '58

Haas, Otto. Revision of the Jurassic ammonite fauna of Mount Hermon, Syria. (Bul. v 108, article 1) Am. museum of natural history '55 p206-10

Haas, O. Recent literature on mesozoic ammonites. *J Paleont* 32:633-5 My '58

Hölder, H. Die ammoniten-gattung taramelliceras im südwestdeutschen Unter- und Mittelmalm. *Palaeontographica* 106 secA no3-6:142-6 '55

Imlay, Ralph Willard. Callovian (Jurassic) ammonites from the United States and Alaska; descriptions and ils. of cephalopods of late Jurassic age. (U.S. Geological survey. Professional paper 249) U.S. Gov. ptg. office '53 2v v 1, p34-5; v2, p 103-4

Imlay, R. W. New genera of early cretaceous (albian) ammonites from Alaska. *J Paleont* 33:184-5 Ja '59

Matsumoto, T. Family kossmaticeratidae from Hokkaido and Saghalien. *Japan J Geol & Geog* 26:162-4 Ag '55

Miller, A. K. and Furnish, W. M. Middle Pennsylvanian schistoceratidae (ammonioidea) *J Paleont* 32:268 Mr '58

Oechsle, E. Stratigraphie und ammoniten-fauna der sonninen-schichten des Filsgebietes. *Palaeontographica* 111 secA:125-7 JI '58

Schindewolf, O. H. Über aptychen (ammonioidea) *Palaeontographica* 111 secA:42-4 JI '58

Wenger, R. Die germanischen ceratiten. *Palaeontographica* 108 secA no 1-4:126-9 '57

Young, K. Upper Albian (cretaceous) ammonioidea from Texas. *J Paleont* 31:31-3 Ja '57

Ziegler, B. Monographie der ammonitengattung glochiceras im epikontinentalen Weissjura Mitteleuropas. *Palaeontographica* 110 secA:159-61 JI '58

AMNESIA

See also

Aphasia

AMOEBIA. See Ameba

AMPHETAMINE. See Benzedrine

AMPHIBIA

Blair, W. F. Mating call in the speciation of anuran amphibians. *Am Natur* 92:50-1 Ja '58

Bleakney, J. Sherman. Zoogeographical study of the amphibians and reptiles of eastern Canada. (Bul. no 155; Biological ser. no54) Nat. museum of Canada '58 p57-64

Branch, Hazel Elisabeth. Laboratory manual of cryptobranchus alleganiensis Daudin. 2d ed Vantage '59 78-9

Fankhauser, G. and Humphrey, R. R. Chromosome number and development of progeny of triploid axoloti males crossed with diploid females. *J Exp Zool* 126:57-8 Je '54

Fraser, R. C. Acceleration of frog metamorphosis with iodinated proteins. *J Exp Zool* 133:534-6 D '56

Gislén, Torsten, and Kauri, Hans. Zoogeography of the Swedish amphibians and reptiles; with notes on their growth and ecology. (Stockholm. Nordiska museet. Acta vertebratica, v 1, no3) Almqvist '59 p385-97

Kollros, J. J. and McMurray, V. M. Mesencephalic V nucleus in anurans. *J Exp Zool* 131:23-6 F '56

Logier, E. B. S. and Toner, G. C. Check-list of the amphibians and reptiles of Canada and Alaska. (Contributions, no41) Royal Ontario museum of zoology & paleontology '55 p76-88

Lynch, W. F. Effects of certain organic compounds and antimetabolic agents on metamorphosis of bugula and amaroecium larvae. *J Exp Zool* 137:149-52 F '58

Marfot, Bernard Stephen. Amphibians and reptiles of Georgia; a guide. Univ. of Ga. press '56 p93-4

Neill, W. T. Occurrence of amphibians and reptiles in saltwater areas, and a bibliography. *Bul Marine Sci Gulf & Carib* 8:74-97 Mr '58

Oliver, James Arthur. Natural history of North American amphibians and reptiles. (New il. naturalist) Van Nostrand '55 p333-4

Schmidt, A. J. Forelimb regeneration of thyroidecomized adult newts. *J Exp Zool* 137:224-6; 139:125-7 Mr, O '58

Singer, M. Induction of regeneration of the forelimb of the postmetamorphic frog by augmentation of the nerve supply. *J Exp Zool* 126:458-63 Ag '54

Smith, Hobart Muir. Handbook of amphibians and reptiles of Kansas. 2d ed (Misc. pub. no9) Museum of natural history, Univ. of Kan. '56 p330-43

Stebbins, Robert Cyril, and Hendrickson, John R. Field studies of amphibians in Colombia, South America. (Calif. Univ. Pubs. in zoology, v56, no5) Univ. of Calif. press '59 p539-40

Szarski, Origin of the larva and metamorphosis in amphibia. *Am Natur* 91:297-301 S '57

Volpe, E. P. Genetic aspects of anuran populations. *Am Natur* 91:368-71 N '57

Zweifel, Richard George. Ecology, distribution, and systematics of frogs of the rana boylei group. (Calif. Univ. Pubs. in zoology, v54, no4) Univ. of Calif. press '55 p274-6

See also

Frogs

Salamanders

Toads

Xenopus laevis

Anatomy

Piatt, J. Regeneration of the spinal cord in the salamander. *J Exp Zool* 129:196-8 Je '55

Van Dijk, D. E. Tail of ascaphus; historical résumé and new histological-anatomical details. (Annals, v31, secA, no 1) Univ. of Stellenbosch '55 p66-71

See also

Nervous system—Amphibia

Ecology

Clark, Robert F. Ecological study of reptiles and amphibians in Osage county, Kansas. (Emporia state research studies, v7, no 1) Kan. state teachers college '58 p48-52

Rosenthal, Gerson Max. Role of moisture and temperature in the local distribution of the plethodontid salamander aneides lugubris. (Calif. Univ. Pubs. in zoology, v54, no6) Univ. of Calif. press '57 p419-20

Woodbury, A. M. Uses of marking animals in ecological studies: marking amphibians and reptiles. *Ecology* 37:674 O '56

Embryology

See Embryology—Amphibia

Physiology

Schmidt, A. J. Thyroid function in the northwestern salamander, ambystoma gracile (Baird) *J Exp Zool* 133:556-8 D '56

Thorson, T. B. Relationship of water economy to terrestriality in amphibians. *Ecology* 36:115-16 Ja '55

AMPHIBIA, Effect of ultraviolet rays on Thornton, C. S. Inhibition of limb regeneration in urodele larvae by localized irradiation with ultraviolet light. *J Exp Zool* 137:174-5 F '58

AMPHIBIA, Fossil

Colbert, Edwin Harris, and Imbrie, John. Triassic metoposamid amphibians. (Bul. 110, article 6) Am. museum of natural history '56 p451-2

Jarvik, Erik. On the fish-like tail in the ichthyostegid stegocephalians, with descriptions of a new stegocephalian and a new crossopterygian from the upper Devonian of east Greenland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 114, no 12) Lunos bogtr. '52 p87-90

Westphal, F. Die tertiären und rezenten eurasiatischen riesensalamander. Palaeontographica 110 secA:88-91 F '58

AMPHIPODA

Barnard, J. L. Revisionary notes on the phoxocephalidae (amphipoda), with a key to the genera. Pac Sci 12:150-1 Ap '58

Dunbar, M. J. Determinants of production in northern seas: a study of the biology of the nemisto libellula Mandt. Can J Zool 35: 818-19 D '57

Hurley, D. E. Notes on the ecology and environmental adaptations of the terrestrial amphipoda. Pac Sci 13:126-9 Ap '59

Hurley D. E. Studies on the New Zealand amphipodan fauna. Roy Soc N Z Trans 80: 68: 81:576-7, 598-9, 617-18, 626; 82:428-9, 459-60, 801-2, 811; 83:192-4, 220-1; 84:388-9, 931-3; 85:198-9 Je '52, Mr. S-N '54, Je '55, D '56, Ag-N '57; Pac Sci 9:156-7 Ap '55; Victoria Univ Coll Zool Pub no21:19-20 Ag '57

Segerstråle, Sven G. Freshwater amphipods, gammarus pulex (L.) and gammarus lacustris G. O. Sars, in Denmark and Fennoscandia; a contribution to the late- and post-glacial immigration history of the aquatic fauna of northern Europe. (Commentationes biologicae, xv, 1) Finska vetenskaps-societeten '54 p86-91

Shoemaker, Clarence R. Amphipoda collected at the Arctic laboratory, Office of naval research, Point Barrow, Alaska, by G. E. MacGinitie. (Smithsonian misc. colls, v 128, no 1) Smithsonian inst. '55 p72-8

AMPLIFIERS

Magnetic amplifier bibliography, 1951-1956. Am Inst Elec Eng Trans no39:613-27 N '58

Morgan, W. L. Bibliography of digital magnetic circuits and materials. Inst Radio Eng Trans EC-2:148-53 Je '59

Stirn, Herbert Frederick. Magnetic amplifiers; contributors: E. F. W. Alexanderson [and others] (General electric ser) Wiley '55 p509-27

AMUSEMENTS

Eisenberg, Helen, and Eisenberg, Larry. Omnibus of fun. Assn. press '56 p601-11 annot

Rambo, Marjorie. Service clubs. (PACAF basic bibliogs) Pacific air forces, U.S. Air force '58 19p

See also

Circus

Entertaining

Games

Mathematical recreations

Moving pictures

Play

Sports

Theater

Taxation

Kerle, Kenneth E. Theatre lobby. Am. univ. '55 incl bibliog

AMYRAUT, Moise, 1596-1664

Williams's library, London. Amyraudus: a list of the works by Moise Amyraud in Dr Williams's library. (Occasional papers, no 14) Dr Williams's trust '57 16p

ANABAPTISTS

Friedmann, R. Progress in Anabaptist studies: a comprehensive review, 1955-1957. Church Hist 27:72-6 Mr '58

Littell, Franklin Hamlin. Anabaptist view of the church: a study in the origins of sectarian Protestantism. 2d ed rev & enl Beacon press '58 p215-19

See also

Church of the brethren

ANAEROBES. See Bacteria, Anaerobic**ANALOGIES, Electromechanical. See Mechanics—Electric analogies****ANALOGY**

Vio, Tommaso de. Analogy of names, and The concept of being; literally tr. and annot. by Edward A. Bushinski, in collaboration with Henry J. Koren. (Duchesne studies. Philosophical ser, 4) Duchesne univ. press '53 p84-7

ANALYSIS (mathematics) See Harmonic analysis; Mathematical analysis

ANALYSIS, Colorimetric. See Colorimetric analysis

ANALYSIS, Metallurgical. See Metallurgical analysis

ANALYSIS of variance. See Variation (statistics)

ANALYTICAL geometry. See Geometry, Analytic

ANAPHYLAXIS

Reuterwall, Olle Persson. Local anaphylactic changes in rabbit ears; with special reference to anaphylactic hyperkeratosis and papillomatosis and a survey of the mechanisms. (Sup36) Acta dermato-venereologica '56 p431-45

See also

Allergy

ANARCHISM and anarchists

Martin, James Joseph. Men against the state; the expositors of individualist anarchism in Am, 1827-1908; with a foreword by Harry Elmer Barnes. Libertarian bk. club '57 p284-99

See also

Communism

Socialism

ANATOMY

Duroux, Paul Emile. Titres et travaux scientifiques: anatomie. Audin '55 125p

Kampmeier, Otto Frederic, and others. Frontal section anatomy of the head and neck. Univ. of Ill. press '57 p9-12

See also

Dissection

Extremities (anatomy)

Histology

Nervous system

Nodes (anatomy)

Physiology

ANATOMY, Artistic

Schider, Fritz. Atlas of anatomy for artists; rev. by M. Auerbach and tr. by Bernard Wolf; new bibliog. by Adolf Placzek. 3d Am ed Dover '57 3p (at end)

ANATOMY, Comparative

Internationale bibliographie der anatomie des menschen und der wirbeltiere. See numbers of Anatomischer anzeiger

Montagna, William. Comparative anatomy. Wiley '59 incl bibliog

See also

Skeleton

also subhead Anatomy under the following subjects

Amphibia

Bats

Birds

Crustacea

Fishes

Insects

Mammals

Reptiles

Vertebrates

ANATOMY, Human

Best, Charles Herbert, and Taylor, Norman Burke. Human body; its anatomy and physiology. Holt '56 p687-92

De Coursey, Russel Myles. Human organism. McGraw '55 incl bibliog

Dempster, W. T. Anthropometry of body action. N Y Acad Sci Ann 63 no4:584-5 '55

Kimber, Diana Clifford, and Gray, Carolyn E. Textbook of anatomy and physiology; 13th ed. rev. by Caroline E. Stackpole and Lutie C. Leavell. Macmillan '56 p801-6

Miroyiannis, Stanley Demetrius. 501 questions and answers in anatomy; with an introd. by Ernest V. Enzmann. Vantage '59 p327-32

Morris, Sir Henry, bart. Human anatomy; a complete systematic treatise; ed. by J. Parsons Schaeffer; the contributors: Leslie B. Arey [and others] 11th ed Blakiston '53 incl bibliog

Early works to 1800

Berengario, Jacopo. Short introduction to anatomy (Isagogae breves) tr. with an introd. and historical notes by L. R. Lind and with anatomical notes by Paul G. Roope. Univ. of Chicago press '59 p217-21

History

Cordier, G. Paris et les anatomistes au cours de l'histoire. I.A.C. '55 p95-8

ANATOMY, Microscopic. See Histology

- ANATOMY, Pathological**
 Ribbert, Hugo. Lehrbuch der allgemeinen pathologie und der pathologischen anatomie; auf grundlage des Ribbertschen lehrbuches. 22. und 23. berichtigte Aufl. bearb. von H. Hamperl. Springer '57 p774-81
- ANATOMY, Surgical and topographical**
 Morris, Sir Henry, bart. Human anatomy; a complete systematic treatise; ed. by J. Parsons Schaeffer; the contributors: Leslie B. Arey [and others] 11th ed Blakiston '53 incl bibliog
- ANATOMY, Veterinary.** See Veterinary anatomy
- ANATOMY of plants.** See Botany—Anatomy
- ANCESTOR worship**
 See also
 Shinto
- ANCHIETA, José de, 1534-1597**
 Dominian, Helen G. Apostle of Brazil; the biography of Padre José de Anchieta, S.J. 1534-1597; foreword by Fernando Pedreira de Castro; introd. by J. Manuel Espinosa. Exposition '58 p321-3 annot
 Lopez Herrera, Salvador. El padre José de Anchieta, fundador de São Paulo de Piratininga. Ediciones Cultura hispánica '54 p67-81
- ANDERSEN, Hans Christian, 1805-1875**
 Topsøe-Jensen, Helge Gottlieb. Dedikations-eksemplarer i den Laage-Petersenske H. C. Andersen-samling. The author '53 p45
 United States. Library of Congress. Catalog of the Jean Hersholt collection of Hans Christian Andersen; original mss, letters, first eds, presentation copies, and related materials. The library '54 97p
- ANDERSONVILLE, Georgia**
 Kantor, MacKinlay. Andersonville. World pub. '55 p762-7
- ANDRE, Marc**
 André, Marc. Notice sur les travaux scientifiques, 1923-1954, de Marc André. The author '54 p69-88
- ANDREWES, Lancelot, bp of Winchester, 1555-1626**
 Reidy, Maurice Francis. Bishop Lancelot Andrewes; Jacobean court preacher; a study in early seventeenth-century religious thought. (Jesuit studies; contributions to the arts and sciences by members of the Soc. of Jesus) Loyola univ. press '55 p219-28
- ANDREWS, Charles McLean, 1863-1943**
 Eisenstadt, Abraham Seldin. Charles McLean Andrews; a study in Am. historical writing. (Columbia studies in the social sciences, no588) Columbia univ. press '56 p257-66
- ANDRIEU, Michel, 1886-1956**
 Strasbourg. Université. Faculté de théologie catholique. Mélanges en l'honneur de Monseigneur Michel Andrieu. The university '56 p5-13
- ANDROGENS**
 Dorfman, Ralph Isadore, and Shipley, Reginald A. Androgens; biochemistry, physiology, and clinical significance. Wiley '56 incl bibliog
- ANECDOTES**
 Botkin, Benjamin Albert, ed. Treasury of American anecdotes; sly, salty, shaggy stories of heroes and hellions, beguilers and buffoons, spellbinders and scapegoats, gags and gossips, from the grassroots and sidewalks of America. Random house '57 p283-306
- ANEMIA**
 Gelin, Lars Erik. Studies in anemia of injury [tr. by L. James Brown] (Sup 210) Acta chirurgica Scandinavica '56 p 122-8
 Stein, C. D. and others. Some observations on carriers of equine infectious anemia. Am Vet Med Assn J 126:286-7 Ap '55
 Ullrey, D. E. and others. Oral and parenteral administration of iron in the prevention and treatment of baby pig anemia. J Animal Sci 18:263 F '59
- ANESTHESIA**
 American society of anesthesiologists. Anesthesiology handbook. The society '55 p53-61
 Anesthesia abstracts. Burgess pub. co. See numbers
 Archer, William Harry. Manual of dental anesthesia; an il. guide for student and practitioner. 2d ed Saunders '58 incl bibliog
 Dripps, Robert Dunning, and others. Introduction to anesthesia; the principles of safe practice. Saunders '57 incl bibliog
- Foldes, Francis F. Muscle relaxants in anesthesiology. (Am. lecture ser, pub. no294) Thomas '57 p 160-86
 Gross, Erwin George, and Schiffrin, Milton Julius. Clinical analgetics. (Am. lecture ser, pub. no273) Thomas '55 incl bibliog
 Kilman, Hans, and others, eds. Die narkose; ein lehr- und handbuch. Thieme '54 incl bibliog
 Moore, Daniel C. Complications of regional anesthesia; etiology, signs and symptoms, treatment. Thomas '55 incl bibliog
 Moore, Daniel C. Stellate ganglion block: techniques, indications, uses. Thomas '54 incl bibliog
 Risholm, Lars. Studies on renal colic and its treatment by posterior splanchnic block. (Acta chirurgica Scandinavica. Sup 184) Almqvist '54 p60-4
 Schwartz, Herman and others. Manual of anesthesiology for residents and medical students. (Am. lecture ser, pub. no298) Thomas '57 incl bibliog
 Shane, Sylvan M. and Ashman, Harry. Method of balanced anesthesia in general surgery, obstetrics and dentistry. Lowry & Volz '55 p53
 Survey of anesthesiology. Williams & Wilkins. See numbers
 See also
 Curare
 Spinal anesthesia
- ANGELICO, Fra (Giovanni da Fiesole) 1387-1455**
 Argan, Giulio Carlo. Fra Angelico; biographical and critical study; tr. from the Italian by James Emmons. (Taste of our time, v 10) Skira '55 p 117-18
- ANGELS**
 Parente, Pascal P. Angels. Grail pubs. '58 p 157-8
- ANGINA pectoris**
 Hauss, Werner Heinrich. Angina pectoris; entstehung, erkennung, beurteilung und behandlung der herzscherzanfälle; mit einem geleitwort von Ferdinand Hoff. Thieme '54 p345-81
- ANGIOCARDIOGRAPHY**
 Arvidsson, Håkan. Angiocardiographic observations in mitral disease, with special reference to volume variations in the left atrium. (Sup 158) Acta radiologica '58 p 118-123
- ANGIOGRAPHY**
 Edsman, Gunnar. Angioneurography and suprarenal angiography; a roentgenologic study of the normal kidney, expansive renal and suprarenal lesions and renal aneurysms [from the Swedish by Lois Goldie-Kjellman] (Sup 155) Acta radiologica '57 p 135-41
 Gidlund, Åke. Development of apparatus and method for roentgen studies in haemodynamics. (Sup 130) Acta radiologica '56 incl bibliog
 Helander, Carl Gustaf. Nephrographic effect and renal arteriographic damage; an experimental study. (Sup 163) Acta radiologica '58 p82-7
 Kravenbühl, Hugo, and Yasargil, Mahmut Gazi. Die vaskulären erkrankungen im gebiet der arteria vertebralis und arteria basialis; eine anatomische und pathologische, klinische und neuroradiologische studie. (Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin; diagnostik, physik, biologie, therapie. Ergänzungsbände. Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern, v80) Thieme '57 p 159-70
 Ödman, Per. Percutaneous selective angiography of the coeliac artery [tr. from the Swedish by Victor Braxton] (Sup 159) Acta radiologica '58 p 163-8
 Widén, Torsten. Renal angiography during and after unilateral ureteric occlusion; a long-term experimental study in dogs [tr. by L. James Brown] (Sup 162) Acta radiologica '58 p 100-3
- ANGIOSPERMS**
 Bailey, I. W. Potentialities and limitations of wood anatomy in the study of the phylogeny and classification of angiosperms. Arnold Arb J 38:253-4 J1 '57
 Gifford, E. M. Shoot apex in angiosperms. Bot R 20:523-9 O '54
 Nygren, A. Apomixis in the angiosperms. Bot R 20:635-49 D '54
 See also
 Dicotyledons
 Monocotyledons

ANGELICAN church. See Church of England
 ANGLING. See Fishing
 ANGLO-SAXON architecture. See Architecture, Anglo-Saxon

ANGLO-SAXON language
 Clark, John Williams. Early English; a study of Old and Middle English. (Language lib) Essential bks. '57 p 161-70 annot

ANGLO-SAXON manuscripts. See Manuscripts, Anglo-Saxon
 ANGLO-SAXON sculpture. See Sculpture, Anglo-Saxon

ANGONI
 Barnes, James Albert. Politics in a changing society; a political history of the Fort Jameson Ngoni. Oxford '54 p 173-209

ANILINE poisoning
 Oberst, F. W. and Comstock, C. C. Chronic toxicity of aniline vapor (5 ppm) by inhalation. AMA Archives Ind Health 13:384 Ap '56

ANIMAL aggregations. See Aggregation (biology)

ANIMAL behavior. See Animals—Habits and behavior

ANIMAL coloration. See Color of animals

ANIMAL distribution. See Animals—Geographical distribution

ANIMAL electricity. See Electrophysiology

ANIMAL experimentation
 Laboratory animals bureau. Collected papers; v5, Report of a joint symposium on the nutrition of laboratory animals, held by the Nutrition soc. and the Laboratory, at Guy's hospital medical school, London, on 6th Oct, 1956; with additional papers. The bureau '57 incl bibliog

National research council. Institute of animal resources. Handbook of laboratory animals. (Pub. 317) The institute '54 p57-62

United States. National institutes of health. Laboratory of nutrition and endocrinology. Guinea pig in research; biology, nutrition, physiology; by Mary Elizabeth Reid. (Pub. no557) Human factors research bur. '53 p11-37

Universities federation for animal welfare. UFAW handbook on the care and management of laboratory animals; joint eds: Alastair N. Worden [and] W. Lane-Petter; with a foreword by Sir Harold Himsworth. 2d enl ed The federation '57 incl bibliog

Whitmore, C. E. and Downs, C. M. Effects of cortisone on experimental murine typhus. J Bact 74:423-4. 431, 437-8 O '57

ANIMAL husbandry. See Live stock

ANIMAL industry. See Live stock

ANIMAL intelligence
 Holt Hansen, K. After-effects in the behaviour of mice [tr. from Danish by E. R. Totteyl] Munksgaard '56 p382-93

See also
 Animals—Habits and behavior

ANIMAL learning
 Calvin, A. D. and others. Effect of time on spontaneous alternation in the rat. J Genetic Psychol 89:24-5 S '56

Restle, F. Discrimination of cues in mazes: a resolution of the place-vs-response question. Psychol R 64:227-8 J '57

Thorpe, William Homan. Learning and instinct in animals. Harvard univ. press '56 p421-60

ANIMAL light. See Luminescence, Biological

ANIMAL locomotion
 Duvall, Ellen Neall. Kinesiology: the anatomy of motion. (Prentice-Hall physical education ser) Prentice-Hall '59 incl bibliog

Steindler, Arthur. Kinesiology of the human body under normal and pathological conditions. Thomas '55 incl bibliog

See also
 Flight

ANIMAL lore
 Heuvelmans, Bernard. On the track of unknown animals; tr. from the French by Richard Garnett and an introd. by Gerald Durrell. Hill & Wang '59 p519-42
 Wendt, Herbert. Auf Noahs spuren; die entdeckung der tiere. Grote '56 p556-60

ANIMAL population. See Population (zoology)

ANIMAL psychology. See Psychology, Comparative

ANIMAL sociology
 Banks, E. M. Social organization in red jungle fowl hens (gallus gallus subsp.) Ecology 37:247-8 Ap '56

Scott, J. P. Analysis of social organization in animals. Ecology 37:220-1 Ap '56

ANIMAL sounds. See Sound production by animals

ANIMALS

Diseases and pests

Honess, Ralph F. and Winter, Kenneth B. Diseases of wildlife in Wyoming, for those interested in the diseases and parasites of the wild animal. (Bul. 9) Wyo. Game and fish comm. '56 incl bibliog

See also
 Veterinary medicine

Food and feeding habits

Korschgen, L. J. Food habits of the coyote in Missouri. J Wildlife Mgt 21:434-5 O '57

Geographical distribution

Bleakney, J. Sherman. Zoogeographical study of the amphibians and reptiles of eastern Canada. (Bul. no. 155; Biological ser, no54) Nat. museum of Canada '58 p57-64

Darlington, Philip Jackson. Zoogeography: the geographical distribution of animals. Wiley '57 incl bibliog

Elton, Charles Sutherland. Ecology of invasions by animals and plants. Wiley '58 p 160-74

Gislén, Torsten, and Kauri, Hans. Zoogeography of the Swedish amphibians and reptiles; with notes on their growth and ecology. (Stockholm. Nordiska museet. Acta vertebratica, v 1, no3) Almqvist '59 p385-97

Koopman, K. F. Land bridges and ecology in bat distribution on islands off the northern coast of South America. Evolution 12:438-9 D '58

Larson, Sten. Suborder charadrii in arctic and boreal areas during the tertiary and pleistocene; a zoogeographic study. (Stockholm. Nordiska museet. Acta vertebratica v 1, no 1) Almqvist '57 p82-4

Lindroth, Carl Hildebrand. Faunal connections between Europe and North America. Wiley '57 incl bibliog

Martof, B. S. and Humphries, R. L. Geographic variation in the wood frog rana sylvatica. Am Midl Natur 61:386-9 Ap '59

Økland, Fridthjof Johannes. Generell dyregeografi. Aschehoug '55 p 146-56

Prosser, C. L. Physiological variation in animals. Cambridge Philos Soc Biol R 30: 255-61 Ag '55

Schmidt, K. P. Faunal realms, regions, and provinces. Q R Biol 29:330-1 D '54

Segerstråle, Sven G. Distribution of glacial relicts in Finland and adjacent Russian areas. (Finska vetenskaps-societeten. Commentationes biologicae, xv, 18) Munksgaard '56 p30-5

Segerstråle, Sven G. On the immigration of the glacial relicts of northern Europe, with remarks on their prehistory. (Finska vetenskaps-societeten, Helsingfors. Commentationes biologicae, XVI, 16) Munksgaard '57 p 110-17

Zoogeography; a symposium presented on Aug. 26-27, 1957 at the Stanford univ. joint meeting of the Am. inst. of biological sciences and the Pacific div. of the Am. assn. for the advancement of science; and a symposium presented on Dec. 28, 1957 at the Indianapolis meeting of the Am. assn. for the advancement of science; ed. by Carl L. Hubbs. (Pub. no51) Am. assn. for the advancement of science '58 incl bibliog

See also
 Birds—Geographical distribution

Habits and behavior

Beach, F. A. and Jaynes, J. Effects of early experience upon the behavior of animals. Psychol Bul 51:260-3 My '54

Breland, Osmond Philip. Animal friends and foes. Harper '57 p243-8

Count, E. W. Biological basis of human sociality. Am Anthropol 60:1083-5 D '58

Nolte, A. Beobachtungen über das instinkthverhalten von kapuzineraffen (cebus apella L.) in der gefangenschaft. Behaviour 12 no3:205-7 '58

Schloeth, R. Zur psychologie der begegnung zwischen tiere. Behaviour 10 no 1/2:77-9 '56

Scott, John Paul. Animal behavior. (College lib. of biological sciences) Univ. of Chicago press '58 p253-66

Southwick, C. H. Regulatory mechanisms of house mouse populations: social behavior affecting litter survival. Ecology 36:634 O '55

Staats, J. Behaviour studies of mice: a selected bibliography. Animal Behaviour 6: 77-84 Ja '58

- ANIMALS**—Habits and behavior—*Continued*.
 Thorpe, William Homan. Learning and instinct in animals. Harvard univ. press '56 p421-60
 Tobach E. Individual differences in behavior and alcohol consumption in the rat. *Q J Stud Alcohol* 18:27-9 Mr '57
 Twente, J. W. Some aspects of habitat selection and other behavior of cavern-dwelling bats. *Ecology* 36:731-2 O '55
See also
 Animal intelligence
 Animals—Food and feeding habits
 Hibernation
 Hoarding instinct (comparative psychology)
 Insect societies
 Mimicry (biology)
- Mortality
 Robinette, W. L. and others. Differential mortality by sex and age among mule deer. *J Wildlife Mgt* 21:14-16 Ja '57
- Water requirements
See Water requirements of animals
- ANIMALS**, Abnormalities of. *See* Abnormalities (animals)
- ANIMALS**, Aquatic. *See* Marine fauna
- ANIMALS**, Care of
 Walker, Ernest Pillsbury. First aid and care of small animals. *Animal welfare inst.* '55 p42-5 annot
- ANIMALS**, Cold-blooded
 Bullock, T. H. Compensation for temperature in the metabolism and activity of poikilotherms. *Cambridge Philos Soc Biol R* 30:337-42 Ag '55
- ANIMALS**, Domestic. *See* Domestic animals
- ANIMALS**, Effect of chemicals on
 Lynch, W. F. Effects of certain organic compounds and antimetabolic agents on metamorphosis of bugula and amaroecium larvae. *J Exp Zool* 137:149-52 F '58
- ANIMALS**, Effect of temperature on. *See* Temperature—Physiological effect
- ANIMALS**, Experiments on. *See* Animal experimentation
- ANIMALS**, Extinct. *See* Paleontology
- ANIMALS**, Food habits of. *See* Animals—Food and feeding habits
- ANIMALS**, Fossil. *See* Paleontology
- ANIMALS**, Injurious and beneficial. *See* Animals. Predatory
- ANIMALS**, Legends and stories of
See also
 Animal lore
 Birds—Legends and stories
- ANIMALS**, Mythical
 Carrington, Richard. Mermaids and mastodons; a bk. of natural & unnatural history. Rinehart '57 p233-46
- ANIMALS**, Poisonous. *See* Poisonous animals
- ANIMALS**, Predatory
 Hoffmann, R. S. Role of predators in cyclic declines of grouse populations. *J Wildlife Mgt* 22:318-19 Jl '58
See also
 Rabbits
- ANIMALS**, Sea. *See* Marine fauna
- ANIMALS**, Sound production by. *See* Sound production by animals
- ANIMALS** in art
 Carter, Dagny (Olsen). Symbol of the beast; the animal-style art of Eurasia. Ronald '57 p 173-91
- ANIMALS** in folklore. *See* Animal lore
- ANNE**, Saint
 Keyes, Frances Parkinson (Wheeler). St Anne, grandmother of our Saviour. Messner '55 p 185-6
- ANNEALING**
 Beck, P. A. Annealing of cold worked metals. *Advances Phys* 3:316-24 Jl '54
- ANNELIDS**
 Pillet, J. Sur deux espèces d'annélides tubicoles du dévonian armoricain. *Soc Géol France Bul* 6:845-6 Jl '57
See also
 Earthworms
 Embryology—Annelids
 Polychaeta
 Sipunculids
- ANNELIDS**, Fossil
 Parsch, K. O. A. Die serpuliden-fauna des südwestdeutschen Jura. *Palaontographica* 107 secA no3-6:235-7 '56
 Sylvester, R. K. Scolecodonts from central Missouri. *J Paleont* 33:48-9 Ja '59
- ANNEXATION** of territory, Municipal. *See* Cities and towns—Annexation
- ANNIVERSARY** volumes. *See* Festschriften
- ANNUAL** wage. *See* Wage payment plans—Guaranty of earnings
- ANNUITIES**
 Black, Kenneth. Group annuities. (S. S. Huebner foundation for insurance education. Studies) Univ. of Pa. press '55 p249-55
- ANNUNZIO**, Gabriele d', 1863-1938
 Vecchioni, Mario. Bibliografia di Gabriele d'Annunzio; manuale pratico ad uso dei bibliofili e dei librai con l'indicazione del prezzo medio raggiunto sul mercato antiquario da ciascuna edizione. (Piccole monografie, 5) Archivio dannunziano '55 70p
 Winwar, Frances, pseud. Wingless victory; a biography of Gabriele d'Annunzio and Eleonora Duse. Harper '56 p357-63
- ANONYMS** and pseudonyms
 Rodriguez Demorizi, Emilio. Seudónimos dominicanos. Editora Montalvo '56 p47-51
- ANOPHELES**. *See* Mosquitoes
- ANREP**, Gleb Vasil'evich, 1891-1955
 Gaddum, J. H. Gleb Anrep, 1891-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p32-4)
- ANTAGONISM** (biology) *See* Antibiosis
- ANTARCTIC** regions
 American geophysical union. Antarctica in the international geophysical year; based on a symposium on the antarctic. (Geophysical monograph no 1) The union '56 incl bibliog
 Dufek, George J. Operation deepfreeze. Harcourt '57 p227-32
 Instituto bonaerense de numismática y antiquedades. Descubrimientos y exploraciones en los mares australes americanos en los siglos XVI, XVII y XVIII; exposición bibliog. organizada por el instituto, Asociación argentina de cultura inglesa, 19 al 31 de agosto de 1957. The institute '57 57p
 International antarctic bibliography, 1954-1956 W. A. H. Brase '54-'56 3v annot
 Kosack, Hans Peter. Die Antarktis; eine länderkunde. (Geographische handbücher) Keyser '55 p245-59
 Mountevans, Edward Ratcliffe Garth Russell Evans, 1st baron. Antarctic challenged. De Graff '56 p242-3
 Pinochet de la Barra, Oscar. La Antártica chilena; 3. ed. corr. y puesta al día. Editorial del Pacífico '55 p221-6
 Roscoe, J. H. Exploring Antarctica vicariously: a survey of recent literature. Geog R 48:406-27 Jl '58
 United nations. Library. Antarctica; a sel. bibliography. The library '56 22p
- ANTENNAS** (electronics)
 Cottony, H. V. and others. Antennas and waveguides, an annot. bibliography. Inst Radio Eng Trans AP-7:95-6 Ja '59
 King, Ronald Wyeth Percival. Theory of linear antennas; with charts and tables for practical applications. Harvard univ. press '56 p901-12
 Knudsen, Hans Lottrup. Bidrag til teorien for antennesystemer med hel eller delvis rotationssymmetri. Teknisk forlag '53 p208-21
 Logan, Nelson S. and Flynn, R. Bibliography of Soviet research on radiowave propagation and antennas. (AFCRC-TR-57-113) Antenna laboratory. Electronics research directorate. Air force Cambridge research center '57 15p
See also
 Radio antennas
- ANTERIOR** spinal paralysis. *See* Infantile paralysis
- ANTHOCYANINS**
 Alston, R. E. Leuco-anthocyanin synthesis in dark-grown seedlings of impatiens balsamina. *Am J Bot* 45:294 Ap '58
- ANTHONY**, Susan Brownell, 1820-1906
 Lutz, Alma. Susan B. Anthony: rebel, crusader, humanitarian. Beacon press '59 p327-33
- ANTHOZOA**
See also
 Corals
- ANTHRACITE**. *See* Coal
- ANTHRACITE** coal strike, 1902
 Cornell, Robert J. Anthracite coal strike of 1902. Catholic univ. of Am. press '57 p260-70

ANTHRAX

United States. Army. Chemical corps. Technical library. Frederick, Maryland. Bibliography on anthrax and bacillus anthracis. rev ed The library '56 100p

ANTHROPOGEOGRAPHY

Church, Ronald James Harrison. West Africa; a study of the environment and of man's use of it. (Geographies for advanced study) Longmans '57 incl bibliog

International symposium on man's role in changing the face of the earth. Princeton, New Jersey 1955. Man's role in changing the face of the earth; ed. by William L. Thomas; with the collaboration of Carl O. Sauer [and others] pub. for the Wenner-Gren foundation for anthropological research and the Nat. science foundation. Univ. of Chicago press '56 incl bibliog

Steinmetzler, Johannes. Die anthropogeographie Friedrich Ratzels und ihre ideengeschichtlichen wurzeln. (Bonner geographische abh. no 19) Geographisches inst. Univ. Bonn '56 p 145-51

Uhlig, Harald. Die kulturlandschaft: methoden der forschung und das beispiel Nordostengland. (Kölnner geographische arbeiten, doppel-heft 9/10) Geographisches inst. Univ. Köln '56 p272-90

Vila, Marco Aurelio. Las regiones naturales de Venezuela. Corp. venezolana de fomento '50-'52 2v v 1, p207-11; v2, p237-41

See also

Geopolitics
Man—Influence of environment
Man—Migrations

ANTHROPOLOGY

Anthropologischer anzeiger; bericht über die biologisch-anthropologische literatur. Schweizerbart. See numbers

Arieti, S. Some basic problems common to anthropology and modern psychiatry. Am Anthropol 58:38-9 F '56

Beals, Ralph Leon, and Hoijer, Harry. Introduction to anthropology; with the collaboration of Virginia More Roediger. 2d ed Macmillan '59 incl bibliog

Bibliografía. See semi-annual numbers of Revista de antropología

Bibliographia. See numbers of Anthropos

Bibliography of Canadian anthropology for 1955. Can Nat Mus Bul no 147:124-40 '57

Biennial review of anthropology, 1959. (V 1) Stanford univ. press '59 incl bibliog

Bulletin bibliographique. See numbers of Anthropologie

Chase, Stuart. Proper study of mankind; in consultation with Edmund deS. Brunner. rev ed Harper '56 p309-20

Conferencia de ciencias antropológicas, Universidad de San Marcos. Lima, 1951. Conferencia de ciencias antropológicas; homenaje al IV centenario de la fundación de la Universidad. 1551-1951; 1. Actas v trabajos. Ed. médica peruana '51 incl bibliog

Cumulative index to current literature on anthropology and allied subjects for 1955. (V 1) India. Dept. of anthropology '56 171p

Doklady. M. Československá anthropologická bibliografie, 1945-1954. Anthropologická společnost '55 39p

Field, Henry. Bibliography: 1926-1958. The author '58 91p

Flannery, R. Some recent anthropological publications. Anthropol Q 30:91-4 J1 '57

French bibliographical digest; no 15-16 (ser 2) Science: anthropology. Cultural div, French embassy '56 2v

Fürer-Haimendorf, Elizabeth von. Anthropological bibliography of South Asia. together with a directory of recent anthropological field work; with a foreword by Christonh von Fürer-Haimendorf. (Le monde d'outre-mer passé et présent. 4. sér. Bibliogs. 3) Mouton '58 748p

Galdston, Iago. Medicine and anthropology. (N.Y. Acad. of medicine. Lectures to the laity, no21) Int. univs. press '59 incl bibliog

Haring, Douglas Gilbert, comp. Personal character and cultural milieu; a coll. of readings. 3d rev ed Syracuse univ. press '56 p768-834

Hays, Hoffman Reynolds. From ape to angel; an informal history of social anthropology. Knopf '58 p429-40

Herskovits, Melville Jean. Cultural anthropology; an abr. rev. of Man and his works. Knopf '55 p551-69

Hoebel, Edward Adamson, and others, comps. Readings in anthropology. (McGraw-Hill ser. in sociology and anthropology) McGraw '55 incl bibliog

Honigmann, John Joseph. World of man. Harper '59 p883-939

International bibliography of social and cultural anthropology works published in 1955[1956] (V 1-2) (Doc. in the social sciences) UNESCO '58-'59 2v

International bibliography of socio-cultural anthropology, v 1. UNESCO '55 385p

International symposium on anthropology, New York, 1952. Anthropology today: an encyclopedic inventory, prepared under the chairmanship of A. L. Kroeber. Univ. of Chicago press '53 incl bibliog

MacWhite, E. On the interpretation of archeological evidence in historical and sociological terms. Am Anthropol 58:22-5 F '56

Mead, Margaret. People and places. World pub. '59 p310-16

Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; klassische, altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklore. Habelt. See numbers

Montagu, Ashley. Anthropology and human nature. Sargent '57 p350-82

Montagu, Ashley. Man: his first million years. World pub. '57 p235-8 annot

Mouvement scientifique. See numbers of Anthropologie

Paris. Université. Faculté de médecine. Bibliographie sur la méthode statistique appliquée à la médecine et aux sciences anthropologiques; liste d'ouvrages et d'articles en langue française. The faculty '55 34p

Piddington, Ralph. Introduction to social anthropology. Oliver '50-'57 2v v 1, p422-33; v2, p806-13

Reviews. See numbers of Man

Ruysch, W. A. and Maier, Carlos G. Bibliografía sistemática de antropología. A systematic bibliography of anthropology. (Archivos ethnos. Ser.D, no 1) Ediciones Keiron '53 1v

Society for applied anthropology. Anthropology in the armed services: research in environment, physique, and social organization; papers read at the annual meeting of the Society, Syracuse univ. Apr. 3, 1958. by Paul H. Nesbitt [and others] arr. and ed. by Louis Dupree. Social science research center, Pa. state univ. '58? incl bibliog

Williams, T. R. Evolution of human nature. Philos Sci 26:12-13 Ja '59

Yearbook of anthropology. Current anthropology; a sup. to Anthropology today; ed. by William L. Thomas [and others] Univ. of Chicago press '56 incl bibliog

Yearbook of anthropology, 1955; ed. by William L. Thomas and Jean S. Stewart. Wenner-Gren '55 incl bibliog

See also

Acculturation
Anthropogeography
Anthropometry
Archeology
Civilization
Cranology
Ethnology
Ethnopsychology
Eugenics
Man
Social anthropology
Somatology

History

Lowie, R. H. Reminiscences of anthropological currents in America half a century ago. Am Anthropol 58:1013-16 D '56

Methodology

Tremblay, M. A. Key informant technique: a nonethnographic application. Am Anthropol 59:699-701 Ag '57

Periodicals

Royal anthropological institute. Library. Survey of anthropological journals and monograph series in libraries in the United Kingdom. The institute '57 17p

- ANTHROPOLOGY, Criminal.** See Criminal anthropology
- ANTHROPOLOGY, Philosophical.** See Philosophical anthropology
- ANTHROPOLOGY, Physical.** See Somatology
- ANTHROPOLOGY and psychiatry**
Landy, D. Anthropologist and the mental hospital. *Human Organ* 17:35 Fall '58
- ANTHROPOLOGY as a profession**
Sturtevant, William C. Anthropology as a career. (Pub. 4343) *Smithsonian inst.* '58 p 14-18 annot
- ANTHROPOMETRY**
Hunt, E. E. Anthropometry, genetics and racial history. *Am Anthropol* 61:32-7 F '59
Hunt, E. E. Human growth and body form in recent generations. *Am Anthropol* 60:129-31 F '58
Livingstone, F. B. Anthropological implications of sickle cell gene distribution in West Africa. *Am Anthropol* 60:557-62 Je '58
Meredith, H. V. Longitudinal anthropometric data in the study of individual growth. *N Y Acad Sci Ann* 63 no4:525-7 '55
National research council. Committee on nutritional anthropometry. Body measurements and human nutrition (proceedings of the Conference on the role of body measurements in the evaluation of human nutrition, held at Harvard Univ, June 17 and 18, 1955) ed. by Josef Brožek. Wayne Univ. press '56 incl bibliog
Oliver, Georges. Les populations du Camodge: anthropologie physique; préf. du professeur H. Vallois. Masson '56 p 157-61
Roberts, D. F. Industrial applications of body measurements. *Am Anthropol* 58:533-5 Je '56
Sarkar, Sasanka Sekhar. Aboriginal races of India. Bookland '54 incl bibliog
- See also
Indians of Central America—Anthropometry
Indians of Mexico—Anthropometry
Indians of South America—Anthropometry
- ANTI, Carlo, 1889-**
Anthemon; scritti di archeologia e di antichità classiche in onore di Carlo Anti. Sansoni '55 p ix-xii
- ANTIBACTERIAL substances.** See Antibiotics
- ANTIBIOSIS**
Patrick, Z. A. Antibiotic activity of soil microorganisms as related to bacterial plant pathogens. *Can J Bot* 32:734-5 S '54
Wood, R. K. S. and Tveit, M. Control of plant diseases by use of antagonistic organisms. *Bot R* 21:483-92 O '55
- ANTIBIOTICS**
Abbey, A. and others. Effect of aureomycin chlortetracycline in the processing of storage of freshly shucked oysters. *Food Tech* 11:270-1 My '57
Alcorn, S. M. and Ark, P. A. Movement of certain antibiotics in cuttings of pyracantha and carnation. *Ap Microbiol* 4:130 My '56
Beacom, S. E. Chlortetracycline and protein level in rations for market hogs. *Can J Animal Sci* 39:77-8, 32-3 Je '59
Berry, M. E. and Schuck, C. Effect of aureomycin on growth and protein utilization in the rat. *J Nutrition* 54:282-4 O '54
Branson, H. D. and others. Effect of an antibiotic on egg production. *Poultry Sci* 35: 788-9 Ji '56
Buckalew, J. M. and Merilan, Charles Preston. Growth rate of calves and in vitro metabolism of liver and thymus tissue as affected by antibiotics. (Research bul. 596) Agricultural experiment station, Univ. of Mo. '55 p24-6
Campbell, L. L. and O'Brien, R. T. Antibiotics in food preservation. *Food Tech* 9:464-5 S '55
Flippin, Harrison F. and Eisenberg, George Mohlvere. Antimicrobial therapy in medical practice. Davis '55 p235-50
Goldberg, Herbert S. ed. Antibiotics: their chemistry and non-medical uses. Van Nostrand '59 incl bibliog
György, P. On the role of antibiotics in nutrition and metabolism. *Am J Clin Nutrition* 6:470-1 S '58
Huppert, M. and others. Pathogenesis of candida albicans infection following antibiotic therapy. *J Bact* 70:445-7 O '55
Jawetz, Ernest. Polymyxin, neomycin, bacitracin; foreword by Henry Welch and Félix Martí-Ibañez. (Antibiotics monographs, no5) Medical encyclopedia '56 p73-85
Jurtshuk, P. and others. In vitro studies of the effect of aureomycin and terramycin on mixed suspensions of bovine rumen bacteria. *J Dairy Sci* 37:1471-2 D '54
Keith, Thomas Byron, and Lehrer, William Peter. Growth responses of lambs fed three levels of roughage with chlortetracycline and aurofac 2A. (Research bul. no31) College of agriculture, Univ. of Idaho '55 p7-8
Klemmer, H. W. and others. Inhibition of crown gall by selected antibiotics. *Phytopathology* 45:625 N '55
Larson, N. L. and Hill, E. G. Intestinal microflora of young swine obtained by hysterectomy. *J Animal Sci* 14:686-7 Ag '55
Lassiter, C. A. Antibiotics as growth stimulants for dairy cattle: a review. *J Dairy Sci* 38:1132-8 O '55
Lockwood, J. L. and others. Production and properties of antimycin A from a new streptomyces isolate. *Phytopathology* 44:446 Ag '54
Mahon, P. and others. Quality of smoked ham as affected by adding antibiotic and fat to the diet and phosphate to the cure. *Food Tech* 19:271-2 Je '56
Marshall, S. P. and others. Effects of feeding aureomycin to dairy calves. *J Dairy Sci* 40:1247-9 O '57
Martí Ibañez, Félix. Men. molds, and history. MD pubs. '58 p 106-8
Miller, W. H. Influence of antibiotics of microorganisms causing fruit and vegetable rots. *Am J Bot* 45:189-90 Mr '58
Prague, Universita Karlova, Knihovna. Antibiotika ve službách lékařství; soupis literatury knižní i časopisecké z materiálu univerzitní knihovny v Praze; sest. D. Maixnerová, redigoval V. Čejchan. (Bibliog. příručky, no4) The university '54 113p
Pramer, D. Persistence and biological effects of antibiotics in soil. *Ap Microbiol* 6:223-4 My '58
Radisson, J. J. and others. Mode of action of antibiotics in the nutrition of the dairy calf. *J Dairy Sci* 39:1266-7, 1393-5 S-O '56
Robison, Wayne Lewis, and others. Use of an antibiotic in rations for pigs. (Research bul. 769) Ohio agricultural experiment station '56 p75-8
Smith, Q. T. and Allen, R. S. B-vitamin levels in the blood of young dairy calves fed a milk replacement diet with and without aureomycin. *J Dairy Sci* 37:1196-7 O '54
Stockstad, E. L. R. Antibiotics in animal nutrition. *Food Tech* 9:408 Ag '55
Walter, Albert M. and Hellmeyer, Ludwig. Antibiotika-fibel; indikation und anwendung der chemotherapeutika und antibiotika. Thieme '54 incl bibliog
Welch, Henry, and others. Principles and practice of antibiotic therapy; specially ed. by Félix Martí-Ibañez. Blakiston '54 incl bibliog
Willett, E. L. and Ohms, J. I. Field trials with semen containing several combinations of antibacterial agents. *J Dairy Sci* 38:1367-8 D '55
Witkamp, M. and Starkey, R. L. Tests of some methods for detecting antibiotics in soil. *Soil Sci Soc Am Proc* 20:504 O '56
Wright, J. M. Production of antibiotics in soil. *Ann Ap Biol* 41:288-9 Je '54
- See also
Actinomycins
Aureomycin
Chloromycetin
Erythromycin
Neomycin
Penicillin
Plants, Effect of antibiotics on
Polymyxins
Streptomycin
Subtilin
Tetracycline
- ANTIBODIES.** See Antigens and antibodies
- ANTICOAGULANTS (medicine)**
Bjerkelund, Christopher Juel. Effect of long term treatment with dicoumarol in myocardial infarction; a controlled clinical study. (Sup330) *Acta medica Scandinavica* '57 p206-12
- ANTIGENS and antibodies**
Austin, M. L. and others. Antigenic transformation as adaptive response of *paramecium aurelia* to patulin; relation to cell division. *Physiol Zool* 29:286-7 O '56

ANTIGENS and antibodies—Continued

- Burnet, Sir Frank Macfarlane. Enzyme, antigen and virus; a study of macromolecular pattern in action. Cambridge '56 p 180-93
- Campbell, C. H. Antigenic role of the excretions and secretions of trichinella spiralis in the production of immunity in mice. J Parasitol 41:490-1 O '55
- Emmart, E. W. and Cole, R. M. Studies on streptococcal hyaluronidase and antihyaluronidase. J Bact 70:605-7 N '55
- Knight, P. F. and Schechtman, A. M. Passage of heterologous serum proteins from the circulation into the ovum of the fowl. J Exp Zool 127:301-4 N '54
- Lamanna, C. Adhesion of foreign particles to particulate antigens in the presence of antibody and complement (serological adhesion) Bact R 21:41-5 Mr '57
- Margolin, P. Ciliary antigens of stock 172, paramycium aurelia, variety 4. J Exp Zool 133:386-7 N '56
- Neter, E. Bacterial hemagglutination and hemolysis. Bact R 20:182-8 S '56
- Pappenheimer, Alwin Max, ed. Nature and significance of the antibody response; symposium held at the N.Y. acad. of medicine, March 21 and 22, 1951. (N.Y. acad. of medicine. Sec. on microbiology. Symposia, no 5) Columbia univ. press '53 incl bibliog
- Pressman, D. Current status of the tissue localization of I^m labeled antitissue antibodies. N Y Acad Sci Ann 70 no 1:79-81 '57
- Sosa-Martinez, J. and Lennette, E. H. Studies on a complement fixation test for herpes simplex. J Bact 70:214-15 Ag '55

See also

Hemolysis and hemolysins

ANTIMETABOLITES

- American association for the advancement of science. Antimetabolites and cancer; a symposium presented on Dec. 28-29, 1953, at the Boston meeting of the Association; ed. by Cornelius P. Rhoads. The association '55 incl bibliog
- Burchfield, H. P. and Storrs, E. E. Influence of pH and group interactions on the reactivities of metabolites and related compounds containing sulfhydryl groups. Boyce Thompson Inst Contrib 19:434-6 JI '58
- Herrmann, H. and others. Comparison of the effects of leucine and methionine on the chick embryo. J Exp Zool 128:373-4 Mr '55
- Hillman, W. S. Action of benzimidazole on lemma minor. Plant Physiol 30:541-2 N '55
- Hopps, H. E. and others. Mode of action of chloramphenicol. J Bact 72:566-7 O '56
- Kalter, H. and Warkany, J. Congenital malformations in inbred strains of mice induced by riboflavin-deficient, galactoflavin-containing diets. J Exp Zool 136:552-3 D '57
- Landauer, W. Niacin antagonists and chick development. J Exp Zool 136:528-30 D '57
- Lyman, R. L. and Lepkovsky, S. Effect of raw soybean meal and trypsin inhibitor diets on pancreatic enzyme secretion in the rat. J Nutrition 62:283-4 Je '57
- National vitamin foundation. Symposium on the antimetabolites; their modes of action and therapeutic implications; proceedings of the scientific sessions of the 10th annual meeting, New York city, March 1, 1955. (Nutrition symposium ser, no 11) The foundation '55 incl bibliog
- O'Brien, R. D. Inhibition of cholinesterase and succinoxidase by malathion and its isomer. J Econ Entom 49:490 Ag '56
- Weissman, G. S. and Trelease, S. F. Influence of sulfur on the toxicity of selenium to aspergillus. Am J Bot 42:495 Je '55
- Wells, I. C. Role of choline and methionine antagonists in metabolism. Am J Clin Nutrition 6:259-60 My '58
- Wissemann, C. L. and others. Mode of action of chloramphenicol. J Bact 67:671-3, 678-9 Je '54
- Younathan, E. S. and Barkulis, S. S. Effect of some antimetabolites on the production of streptolysin S'. J Bact 74:157-8 Ag '57
- ANTI-NAZI movement**
- Edinger, Lewis Joachim. German exile politics; the Social democratic executive com. in the Nazi era. Univ. of Calif. press '56 p301-15

- Gallin, Mary Alice. Ethical and religious factors in the German resistance to Hitler. Catholic univ. of Am. press '55 p203-17
- Leber, Annedore, and others, eds. Conscience in revolt; sixty-four stories of resistance in Germany, 1933-1945; with contributions from Hilde Walter [and others] introd. by Robert Birley [tr. by Rosemary O'Neill] Associated booksellers '57 p264-70 annot
- Ritter, Gerhard. German resistance; Carl Goerdeler's struggle against tyranny; tr. by R. T. Clark. Praeger '59 p315-19
- Stadtmüller, G. Schrifttum zur geschichte der militärischen widerstandsbewegung, 1933-1945. (In Die vollmacht des gewissens. H. Rinn '56 p541-62)
- Weisenborn, Günther, ed. Der lautlose aufstand; bericht über die widerstandsbewegung des deutschen volkes 1933-1945. Rowohlt '53 p341-8
- Zeller, Eberhard. Geist der freiheit; der zwanzigste Juli. Rinn '52 p381-8

ANTIOXIDANTS

- DeLuca, A. P. and others. Relative effectiveness of various antioxidants fed to lactating dairy cows, on incidence of copper-induced oxidized milk flavor and on apparent carotene and tocopherol utilization. J Dairy Sci 40:885-6 Ag '57
- Machlin, L. J. and others. Effect of antioxidants on vitamin E deficiency symptoms and production of liver peroxide in the chicken. J Nutrition 67:341-3 F '59
- Rousseau, J. E. and others. Effect of some antioxidants on the utilization of carotene by Holstein calves. J Dairy Sci 39:1681-2 D '56

ANTIPATHIES and prejudices

- Clark, Kenneth Bancroft. Prejudice and your child. Beacon press '55 p 140-8
- Hirsh, Selma G. Fears men live by; foreword by Harry A. Overstreet. Harper '55 p 155-8 annot
- Levitt, E. E. Development of prejudice: a critique of the Horowitz faces test. Child Develop 27:169-71 Je '56
- Muuss, R. and Stendler, C. B. Intergroup education in the public schools. Educ Forum 20:163-4 Ja '56

See also

Empathy

ANTIQUES

- Cole, Ann Kilborn. Antiques; how to identify, buy, sell, refinish, and care for them. McKay '57 p232-40

ANTIQUITIES. See Archeology; Classical antiquities; Man. Prehistoric

ANTI-SEMITISM

- Loewenstein, Rudolph Maurice. Psychanalyse de l'antisemitisme. (Bibliothèque de psychanalyse et de psychologie clinique) Presses univ. de France '52 p 143-50
- Robb, James H. Working-class anti-Semite; a psychological study in a London borough. Tavistock pubs. '54 p225-33

ANTITOXINS. See Toxins and antitoxins

ANTS

- Freeland, J. Biological and social patterns in the Australian bulldog ants of the genus myrmecia. Australian J Zool 6:17-18 My '58
- Hess, C. G. Ants of Dallas county, Texas, and their nesting sites. Field & Lab 26:69-72 Ja '58
- Kusnezov, N. N. Comparative study of ants in desert regions of Central Asia and of South America. Am Natur 90:360 N '56
- Schneirla, T. C. Theoretical consideration of cyclic processes in doryline ants. Am Philos Soc Proc 101:132-3 F '57
- Wheeler, G. C. and Wheeler, J. Ant larvae of the myrmecine tribe solenopsisini. Am Midland Nat 54:136-7 JI '55
- Wheeler, G. C. and Wheeler, J. Ant larvae of the subfamily pseudomyrmecinae (hymenoptera: formicidae) Entom Soc Am Ann 49:398 JI '56
- Wilson, Edward Osborne. Monographic revision of the ant genus lasius. (Harvard univ. Museum of comparative zoology. Bul. v 113, no 1) The museum '55 p 193-9

See also

Termites

ANURA

See also
Xenopus laevis

ANXIETY

- Basowitz, Harold, and others. Anxiety and stress; an interdisciplinary study of a life situation. McGraw '55 p303-9
- Beam, J. C. Serial learning and conditioning under real-life stress. *J Abnorm & Social Psychol* 51:551 N '55
- Castaneda, A. and others. Children's form of the manifest anxiety scale. *Child Develop* 27:323-6 S '56
- Cattell, R. B. Conceptual and test distinction of neuroticism and anxiety. *J Clin Psychol* 13:232-3 JI '57
- Cowen, E. L. and others. Correlates of manifest anxiety in perceptual reactivity, rigidity, and self concept. *J Consult Psychol* 21:411 O '57
- Davids, A. Relations among several objective measures of anxiety under different conditions of motivation. *J Consult Psychol* 19:278-9 Ag '55
- Dibner, A. S. Ambiguity and anxiety. *J Abnormal & Social Psychol* 56:173-4 Mr. '58
- Farber, I. E. and Spence, K. W. Effects of anxiety, stress, and task variables on reaction time. *J Personality* 25:17-18 S '56
- Grant, D. A. and Patel, A. S. Effect of an electric shock stimulus upon the conceptual behavior of anxious and non-anxious subject. *J Gen Psychol* 57:255-6 O '57
- Janis, Irving Lester. Psychological stress; psychoanalytic and behavioral studies of surgical patients. Wiley '58 p413-30
- Jessor, R. and Hammond, K. R. Construct validity and the Taylor anxiety scale. *Psychol Bul* 54:169-70 My '57
- Kries, I. Zur differentialdiagnose der angst-neurose und angsthysterie. *Psyche* 11:62-3 Ap '57
- Malmö, R. B. Anxiety and behavioral arousal. *Psychol R* 64:286-7 S '57
- O'Brien, Michael J. Differential effects of anxiety on problem solving. Catholic univ. of Am. press '57 p40-50
- Phillips, B. N. and others. Studies on anxiety. *Child Develop* 30:257-9 Je '59
- Solomon, R. L. and Wynne, L. C. Traumatic avoidance learning: the principles of anxiety conservation and partial irreversibility. *Psychol R* 61:382-5 N '54
- Spence, K. W. and Farber, I. E. Relation of anxiety to differential eyelid conditioning. *J Exp Psychol* 47:134 F '54
- Taylor, J. A. Drive theory and manifest anxiety. *Psychol Bul* 53:318-20 JI '56
- Windle, C. Relationships among five MMPI anxiety indices. *J Consult Psychol* 19:63 F '55

See also

Avoidance reaction

APARTMENT houses

Germany

Schulze, Walter, and Lucas, Walter. Neuzetlicher wohnungsbau; eine empfehlende bibliographie. (Leipzig. Deutsche bücherei. Sonderbibliographien, 8) Verlag für buch- & bibliothekswesen '57 111p annot

APE men. See Australopithecinae

APES

Voss, Hermann. Bibliographie der menschenaffen (schimpanse, orang, gorilla) Fischer '55 163p

APHASIA

Leischner, Anton. Die störungen der schriftsprache; graphie und alexie. Thieme '57 p262-76

Wolf, I. S. Stimulus variables in aphasia. *Denison Univ Sci Lab J* 44:216-17, 228 Je '58

APHIDIDAE. See Plant lice

APHRODISIACS

Walton, Alan Hull. Aphrodisiacs: from legend to prescription; a study of aphrodisiacs throughout the ages, with secs. on suitable food, glandular extracts, hormone stimulation and rejuvenation; introd. by Herman Goodman. Associated booksellers '58 p249-62 annot

APIACEAE. See Umbelliferae

APICULTURE. See Bee culture

APOCALYPTIC literature

Rowley, Harold Henry. Relevance of apocalyptic; a study of Jewish and Christian apocalypses from Daniel to the Revelation. rev ed Harper '55 p 179-95

APOCRYPHA. See Bible. Old Testament—Apocrypha

APOCYNACEAE

Pichon, Marcel. Monographie des landolphiées. (Mémoires, no35) Inst. français d'Afrique noire '53 p431-7

See also

Rauwolfia

APOGAMY

Brown, W. V. and Emery, W. H. P. Apomixis in the gramineae: panicoideae. *Am J Bot* 45:262-3 Ap '59

Brown, W. V. and Emery, W. H. P. Apomixis in the gramineae, tribe andropogoneae: themeda triandra and bothriochloa ischaemum. *Bot Gaz* 118:253 Je '57

Nygren, A. Apomixis in the angiosperms. *Bot R* 20:635-49 D '54

Sax, H. J. Polyploidy and apomixis in cotton-easter. *Arnold Arbor J* 35:362-5 O '54

APOLLONIUS of Rhodes, 3d-2d cent B.C.

Händel, Paul Jakob. Beobachtungen zur epischen technik des Apollonios Rhodios. (Zetemata; monographien zur klassischen altertumswissenschaft, no7) Beck '54 p 133-4

APOLOGETICS

See also

Natural theology

APOSTOLIC church. See Church history—Primitive and early church

APOSTOLIC fathers

Grant, Robert McQueen. Letter and the spirit. Macmillan '57 p 149-53

Torrance, Thomas Forsyth. Doctrine of grace in the Apostolic fathers. Eerdmans '59 p 142-5

APPARATUS, Medical. See Medical instruments and apparatus

APPARATUS, Orthopedic. See Orthopedic apparatus

APPARATUS, Scientific. See Scientific apparatus and instruments

APPARITIONS

See also

Mary, Virgin—Apparitions and miracles

APPELATE procedure

See also

Trial practice

APPENDICITIS

Samuelsson, Stig. Differential diagnosis of pelvic appendicitis and acute conditions of uterine appendages [tr. by Lionel Hewitt] (V36. Sup 9) Acta obstetricia et gynecologica Scandinavica '57 p88-97

APPERCEPTION

Testing

See also

Children's apperception test

Thematic apperception test

APPLES

Lopez, A. and others. Composition of ten processing and table varieties of Virginia apples. *Food Res* 23:503-4 S '58

Diseases and pests

Shannon, L. M. Internal bark necrosis of the Delicious apple. *Am Soc Hort Sci Proc* 64:173-4 '54

Wilkinson, E. H. Fungal rots of apples with special reference to gloeosporium spp. *Ann Ap Biol* 41:357-8 Je '54

Storage

Maxie, E. C. and Baker, C. E. Air filtration studies in a commercial type apple storage. *Am Soc Hort Sci Proc* 64:246-7 '54

APPLIED arts. See Art industries and trade

APPLIED psychology. See Psychology, Applied

APPORTIONMENT (election law)

Juergensmeyer, John E. Campaign for the Illinois reapportionment amendment; ed. by Alvin D. Sokolov. Inst. of gov. & public affairs, Univ. of Ill. '57 p62-3

APPRAISAL. See Assessment

APPRENTICES

Davies, Margaret (Gay). Enforcement of English apprenticeship; a study in applied mercantilism, 1563-1642. (Harvard economic studies, v97) Harvard univ. press '56 p280-301 annot

See also

Compagnonnages

APPROXIMATE computation

Householder, A. S. Approximate solution of matrix problems. *Assn Comp Mach J* 5:242-3 JI '58

APPROXIMATE computation—Continued

Langer, Rudolf Ernest, ed. On numerical approximation; proceedings of a symposium conducted by the Mathematics research center, U.S. army, at the Univ. of Wis. Madison, Apr. 21-23, 1958. (U.S. Army. Mathematics research center, Madison, Wis. Pub. no 1) Univ. of Wis. press '59 incl bibliog.

See also

Relaxation methods (mathematics)

APTITUDE tests. See Ability—Testing

AQUARIUMS

Axelrod, Herbert R. and Schultz, Leonard P. Handbook of tropical aquarium fishes. McGraw '55 p688-9

Axelrod, Herbert R. and Vorderwinkler, William. Salt-water aquarium fish. Sterling '56 p 154-5

AQUATIC birds. See Water birds

AQUATIC insects. See Insects, Aquatic

AQUATIC plants

Baldwin, J. T. and Speese, B. M. Chromosomes of taxa of the alismataceae in the range of Gray's Manual. Am J Bot 42:410-11 Apr '55

Beal, Ernest O. and Monson, Paul H. Marsh and aquatic angiosperms of Iowa. (Studies in natural history, v 19, no5; Study ser, no429) State univ. of Iowa '54 p91-2

Dale, H. M. Developmental studies of elodea canadensis Michx. Can J Bot 35:23-4, 63-4 Jan '57

Gessner, Fritz. Hydrobotanik; die physiologischen grundlagen der pflanzenverbreitung im wasser; v. 1, Energiehaushalt. (Hochschulbücher für biologie, v3) Deutscher verlag der wissenschaften '55 p491-517

AQUATIC sports

Bernhardt, David B. Aquatic bibliography. 8th. ed Southeastern Pa. chapter, Am. nat. Red cross '59 27p

See also

Boats and boating

ARAB league. See Arab states

ARAB manuscripts. See Manuscripts, Arabic

ARAB states

Arab information center. Arab league; its origin, purposes, structure & activities. (Information paper, no 1) The center '55 p31

Arab information center. Selected bibliography on Arab affairs. rev ed The center '56 3p

Arab States delegations office. List of selected publications available at the library of the Delegation. The delegation '5-? 38p annot

Carnegie endowment for international peace. James Thomson Shotwell library. Reference & information service. Arab league bibliography, August 22, 1955; comp. by B. Y. Boutros-Ghali. The library '55 4p

See also

Middle East

ARABIA

Hazard, Harry W. Eastern Arabia. (Sub-contractor's monograph, HRAF-51) Human relations area files '56 incl bibliog

Macro, Eric. Bibliography of the Arabian peninsula. Univ. of Miami press '58 80p

See also

Saudi Arabia

History

Benoist-Méchin, Jacques Gabriel Paul Michel, baron. Arabian destiny; tr. from the French by Denis Weaver. Essential bks. '58 p291-3 Bulletin critique. See numbers of Arabica Revue bibliographique. See numbers of Arabica

ARABIC art. See Art, Mohammedan

ARABIC drama

Landau, Jacob M. Studies in the Arab theater and cinema; pref. by H. A. R. Gibb. Univ. of Pa. press '58 p216-73

ARABIC language

Socin, Albert. Arabische grammatik; paradigm, literatur, übungsstücke und glossar, von Carl Brockelmann; 13. aufl. der Grammatik von Socin-Brockelmann. (Porta linguarum orientium, 4) Harrassowitz '53 p210-78

ARABIC literature

Translations from English

United States. Information service, Beirut. American books in Arabic translation; catalog. The service '58 110p

Translations into Latin

Carmody, Francis James. Arabic astronomical and astrological sciences in Latin translation; a critical bibliography. Univ. of Calif. press '56 193p

ARABIC manuscripts. See Manuscripts, Arabic

ARABS

Landau, Rom. Islam and the Arabs. Macmillan '59 p283-6

Prague. Universita Karlova. Knihovna. Arabský svět; výběrový seznam publikací a článků; sest. Miroslav Kaftan a Vilém Nový. (Čtème a studujeme, 1956, sés. 9) The library '56 15p

ARABS and Jews. See Jewish-Arab relations

ARABS in Africa

See also

Afara (African tribe)

ARABS in Spain

Sinbād, the philosopher. Book of the wiles of women; tr. by John Esten Keller. (MLA tr. ser, no2; N.C. Univ. Studies in the Romance languages and literatures, no27) Univ. of N.C. press '56 p58-60

ARACHNIDA

Bonnet, Pierre. Bibliographie araneorum; analyse méthodique de toute la littérature aranéologique jusqu'en 1939. Douladure '45-'56 3v

Cloudsley-Thompson, J. L. Spiders, scorpions, centipedes, and mites; the ecology and natural history of woodlice, myriapods, and arachnids. Pergamon '58 incl bibliog

Hoogstraal, Harry. African ixodoidea. The author '56 p912-1101

See also

Mites

Scorpions

Spiders

ARACHNIDA, Fossil

Raw, F. Origin of chelicerates. J Paleont 31:190-2 Jan '57

ARADIDAE

Drake, C. J. and Kormilev, N. A. Concerning the apterous aradidae of the Americas (hemiptera) Entom Soc Am Ann 51:247 My '58

ARAGON, Louis, 1897-

Aragon, Louis. La semaine sainte. roman. Gallimard '58 p4, 601

Gavillet, André. La littérature au défi: Aragon surréaliste. La Baconnière '57 p313-30

ARAGON

Antiquities

Almagro Basch, Martín, and others. Prehistoria del Bajo Aragón. Tip. La Académica '56 p 15-21

History

Vicens Vives, Jaime. Juan II de Aragón, 1398-1479; monarquía y revolución en la España del siglo XV. (El hombre y su tiempo 1) Editorial Teide '53 p395-8

ARAMAIC language

See also

Bible. New Testament—Language

ARANEIDA. See Spiders

ARAUCANIAN Indians

Hilger, Sister Mary Inez. Araucanian child life and its cultural background. (Smithsonian misc. colls, v133) Smithsonian inst. '57 p404-22

ARBACIA. See Sea urchins

ARBITRATION, Industrial

Crane, Bertram R. and Hoffman, Roger M. Successful handling of labor grievances. Central bk. co. '56 p286-94

Jensen, Vernon H. and Ross, Harold G. Bibliography of dispute settlement by third parties. N.Y. State school of industrial & labor relations, Cornell univ. '55 253p

—Supplement no 1. N.Y. State school of industrial & labor relations, Cornell univ. '59 34p

Princeton university. Industrial relations section. Techniques and procedures in labor arbitration. (Sel. references, no 79) The section '58 4p annot

Roberts, Harold Selig. Essentials of labor arbitration. rev ed Industrial relations center, Univ. of Hawaii '55 p26-39

See also

Strikes and lockouts

ARBITRATION, International

Bos, Maarten. Les conditions du procès en droit international public. (Leyden. Rijks-universiteit. Faculteit der rechtsgeleerdheid. Bibliotheca Visseriana, xix, 36) Brill '57 p325-9

Domke, Martin, ed. International trade arbitration; a road to world-wide cooperation. Am. arbitration assn. '58 p296-311

See also

Aggression (international law)

Disarmament

International court of justice

ARC, Electric. See Electric arc

ARCHEOLOGY

American school of prehistoric research. Old World bibliography; recent pubs. mainly in Old World palaeolithic archaeology and palaeo-anthropology, no31-8] The school '50-'55 6v

Barloewen, Wolf Dietrich von, ed. Abriss der vorgeschichte. bearb. von Karl J. Narr [et al] (Oldenbourg. Abriss der weltgeschichte) Oldenbourg '57 incl bibliog

Beyer, Henry Otley. Relation of tektites to archaeology; with revs. in 1954. Univ. of the Philippines '55 p37-42

Bibliografía arqueológica correspondiente a los años 1953-55. Archivo Esp Arqueol 28 no92:367-430 '55

Bibliographie annuelle de l'âge de la pierre taillée (paléolithique et mésolithique) 1955-1956[-1957] (No 1-2) Bur. de recherches géologiques, géophysiques, & minières, Service d'information géologique '58-'59 2v

Bibliography. See numbers of Antiquaries journal

Cornwall, Ian Wolfram. Soils for the archaeologist. Macmillan '58 p221-4

Crawford, Osborn. Guy Stanhope. Eye goddess. Macmillan '5-? p 150-7

Demargne, P. Bulletin archéologique: Civilisations préhelléniques, 1948-1952. R Etud Grecques 67:194-251 Ja '54

Fasti archaeologici: annual bulletin of classical archaeology, 1946[-1956] (V 1-11) Sansoni '48-'58 11v

Gettens, Rutherford John, and Usilton, Bertha M. Abstracts of technical studies in art and archaeology, 1943-1952. (Occasional papers, v2, no2) Freer gallery of art '55 408p

Islamic art and archeology, 1954. Heffer '56 38p

Istituto nazionale di archeologia e storia dell'arte, Rome. Biblioteca. Annuario bibliografico di archeologia, 1952[-1956] (V 1-5) Soc. tipografica modenese '54-'58 5v

Kunstgeschichtliche anzeigen. Inst. für österreichische geschichtsforschung; Kunst-historisches inst. Univ. Wien. See numbers

Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; klassische, altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklöre. Habelt. See numbers

Parrot, André. Discovering buried worlds. Philosophical lib. '55 p 121-5 annot

Periodical literature. See numbers of Antiquaries journal

Svenska arkeologiska samfundet. Swedish archaeological bibliography, 1949-1953; ed. by Christian Callmer and Wilhelm Holmqvist. Almqvist '56 293p annot

Zeuner, Friedrich Eberhard. Dating the past; an introd. to geochronology. 4th ed rev & enl Longmans '58 p433-90

See also

Art. Primitive

Bible—Antiquities

Bible. Old Testament—Antiquities

Bronze age

Christian art and symbolism

Classical antiquities

Excavations (archeology)

Fortification, Primitive

Heraldry

Indians—Antiquities

Inscriptions

Man. Prehistoric

Numismatics

Pyramids

Stone age

also subhead Antiquities under names of countries, e.g. Austria—Antiquities; also subhead Antiquities under names of races, e.g. Indians of North America—Antiquities

Juvenile literature

Brade-Birks, Stanley Graham. Teach yourself archaeology. (Teach yourself bks) Roy pubs. '55 incl bibliog annot

Methodology

Heizer, Robert Fleming, ed. Archaeologist at work; a source bk. in archaeological method and interpretation. Harper '59 p501-14

Heizer, R. F. and Cook, S. F. Some aspects of the quantitative approach in archaeology. Sw J Anthropol 12:242-8 Autumn '56

MacWhite, E. On the interpretation of archaeological evidence in historical and sociological terms. Am Anthropol 58:22-5 F '56

Meighan, C. W. and others. Ecological interpretation in archaeology. Am Antiq 24:20-3, 147-50 Ji-O '58

See also

Archeology, Stratigraphic

ARCHEOLOGY, Classical. See Classical antiquities

ARCHERY

Archery-riding guide, June 1958-June 1960; eds: Grace Robertson and Claire Noyes. [Sel. archery bibliog. by Helen Hoover; Riding bibliog. by Patricia Horst] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p60-2

Athletic institute, Chicago. How to improve your archery; consultant: Eloise Jaeger; incl. the basic techniques of field archery. rev ed The institute '5-? p79-80

ARCHES

Swida, Waldemar. Statik der bogen und gewölbe; theorie des einzelbogens, berechnungsbeispiele, unter berücksichtigung der neuesten belastungsannahmen (DIN 1072) und berechnungsbestimmungen (DIN 1075) Müller '54 p 185-8

ARCHITECTS

See also

Architecture as a profession

ARCHITECTURAL acoustics

Applied mechanics review. Am. soc. of mechanical engineers. See numbers

References to contemporary papers on acoustics. See numbers of Acoustical society of America. Journal

See also

Electroacoustics

Sound—Measurement

ARCHITECTURAL engineering. See Building; Structures. Theory of

ARCHITECTURAL styles. See Styles, Architectural

ARCHITECTURE

Architectural index for 1954[-1958] The index '55-'59 5v

Bibliographie. See numbers of Architecture d'aujourd'hui

De Zurko, Edward Robert. Origins of functionalist theory. Columbia univ. press '57 p243-55

Hesselgren, Sven. Arkitekturens uttrycksmedel; en arkitekturteoretisk studie med tillämpning av experimentalsykologi och semantik. Almqvist '54 p347-59

History of architecture. Coll Art J 15:276 Spring '56

Jordy, William H. and others. Chronological short-title list of Henry Russell Hitchcock's American architectural books. (Pub. no4) Am. assn. of architectural bibliographers '55 20p

Lethaby, William Richard. Architecture, nature & magic; with a biographical note by Alfred Powell. Braziller '56 p 148-50

Library association. County libraries section. Architecture. (Readers' guide, new ser. no23) The section '54 31p

Required reading. See numbers of Architectural record

Rjukan, Norway. Offentlige bibliotek. Bøker om kunst, kunsthåndverk og arkitektur i Rjukan off. bibliotek. The library '53 62p

Schofield, P. H. Theory of proportion in architecture. Cambridge '58 p 147-50

Sleeper, Harold Reeve. Building, planning and design standards for architects, engineers, designers, consultants, building committees, draftsmen and students. Wiley '55 incl bibliog

ARCHITECTURE—Continued

- Spoore, Jane D. Library of architecture and building; a guide for establishing personal, office and company libs, and developing the colls. of small and medium-sized public and college libs; with a foreword by Harold D. Hauf. Rensselaer polytechnic inst. '58 20p
 Technical bibliography. See numbers of American institute of architects. Journal
 Urbanisme et architecture, études écrites et publiées en l'honneur de Pierre Lavedan. Laurens '54 p5-7
 Zevi, Bruno. Architecture as space; how to look at architecture; ed. by Joseph A. Barry; tr. by Milton Gendel. Horizon press '57 p245-71 annot

See also

- Arches
 Building
 Buildings, Prefabricated
 Castles
 Church architecture
 Concrete construction
 Farm buildings
 Library architecture
 Military architecture
 Modular coordination (architecture)
 Naval architecture
 Office buildings
 Stores and store buildings

Composition, proportion, etc.

- Graf, Hermann. Bibliographie zum problem der proportionen; literatur über proportionen, mass und zahl in architektur, bildender kunst und natur; teil 1. Von 1800 bis zur gegenwart. (Pfälzische arbeiten zum buch- und bibliothekswesen und zur bibliog., no3) Pfälzische landesbibliothek '58 96p

History

- Allsopp, Bruce. History of renaissance architecture. Pitman '59 p216-21
 Colvin, H. M. Architectural history and its records. Archives 2:301-11 Michaelmas '55
 Fasolo, Vincenzo. Guida metodica per lo studio della storia dell'architettura. (Nuovi saggi, 4) Edizioni dell'Ateneo '54 incl bibliog
 Gloag, John. Guide to western architecture. Macmillan '58 p347-60 annot

Periodicals

- American institute of architects. American architects directory; ed. by George S. Koyl. Bowker '55 p721-3

Africa, North

- Creswell, Keppel Archibald Cameron. Bibliography of Muslim architecture in North Africa, excluding Egypt. Librairie Larose '54 65p

Austria

- Powell, Nicolas. From baroque to rococo; an introd. to Austrian and German architecture from 1580 to 1790. Praeger '59 p 157-62

Bremen

- Thalenhorst, Carl, ed. Bremen und seine bauten, 1900-1951; unter beihilfe des Buchausschusses, Arthur Bothe [et al] Schöne-mann '52 incl bibliog

Dresden

- Löffler, Fritz. Das alte Dresden; geschichte seiner bauten. (Deutsche bauakademie. Schriften des Forschungsinstitutes für theorie und geschichte der baukunst) Sachsenverlag '55 p377-80

Europe

- Whittick, Arnold. European architecture in the twentieth century. Lockwood '50-'53 2v v 1, p219-23; v2, p244-8

Georgia

- Nichols, Frederick D. Bibliography of architecture in Georgia to 1865. Am. assn. of architectural bibliographers '57 9p

Germany

- Powell, Nicolas. From baroque to rococo; an introd. to Austrian and German architecture from 1580 to 1790. Praeger '59 p 157-62

- Siebert, Anneliese. Der stein als gestalter der kulturlandschaft im Maindreieck. The author '53 p 139-50

History

- Hempel, Eberhard. Geschichte der deutschen baukunst. 2d rev ed (Deutsche kunstgeschichte, v 1) Bruckmann '56 p578-85

Greece

- Lawrence, Arnold Walter. Greek architecture. (Pelican history of art, Z 11) Penguin '57 p307-16

Hungary

- Gerő, László. Magyar építészeti a XIX. század végéig; a Magyar építőművészek megbízásából szerk. Gerő László. Építészügyi kiadó '54 p 107-20

Iran

- Wilber, Donald Newton. Architecture of Islamic Iran; the Il Khānīd period. (Princeton monographs in art and archaeology, 29; Princeton oriental studies, 17) Princeton univ. press '55 p 192-200

Italy

- Smith, George Everard Kidder. Italy builds; its modern architecture and native inheritance. L'Italia costruisce. Reinhold '55 p261-3

History

- Fasolo, Vincenzo. Guida metodica per lo studio della storia dell'architettura. (Nuovi saggi, 4) Edizioni dell'Ateneo '54 incl bibliog

Malta

- Hughes, James Quentin. Building of Malta during the period of the Knights of St John of Jerusalem, 1530-1795. (Tiranti lib) Tiranti '56 p227-34

Poland

- Dmochowski, Zbigniew. Architecture of Poland, an historical survey; with a foreword by Lionel B. Budden. Polish research center '56 p411-16

Rome

- Magnuson, Torgil. Studies in Roman quattrocento architecture. (Uppsala. Univ. Inst. of art history, figura 9) Almqvist '53 p365-75

- Piacentini, Marcello, and Guidi, Francesco. Le vicende edilizie di Roma dal 1870 ad oggi. Fratelli Palombi '52 p 179-82

Russia

- Hamilton, George Heard. Art and architecture of Russia. (Pelican history of art) Penguin '54 p295-9 annot

Seville

- Sancho Corbacho, Antonio. Arquitectura barroca sevillana del siglo XVIII. Sección de Sevilla, Inst. Diego Velázquez, Consejo superior de investigaciones científicas '52 p367-9

Sicily

- Stefano, Guido di. Monumenti della Sicilia normanna. Soc. siciliana per la storia patria '55 p 115-25

Spain

- Bibliografía. See numbers of Archivo español de arte

- Madrid. Centro de estudios históricos. Fichero de arte antiguo. Monumentos españoles; catálogo de los declarados histórico-artísticos; 2. ed, rev. y ampliada por José M. de Azcárate. Consejo superior de investigaciones científicas '53-'54 3v incl bibliog

Sweden

- Smith, George Everard Kidder. Sweden builds. rev 2d ed Reinhold '57 267-70 annot

United States

- Andrews, Wayne. Architecture, ambition and Americans; a history of Am. architecture, from the beginning to the present, telling the story of the outstanding buildings, the men who designed them and the people for whom they were built. Harper '55 p289-303

- McCallum, Ian Robert More. Architecture U S A. Reinhold '59 p213-16

- Scully, Vincent Joseph. Shingle style; architectural theory and design from Richardson to the origins of Wright. (Yale historical pubs. History of art, 10) Yale univ. press '55 p 165-74 annot

ARCHITECTURE—United States—Continued
Tunnard, Christopher, and Reed, Henry Hope. American skyline; the growth and form of our cities and towns. Houghton '55 p289-92

See also

Architecture, American

History

Maass, John. Gingerbread age; a view of Victorian America. Rinehart '57 p 199-203 annot

Virginia

Farrar, Emmie Ferguson. Old Virginia houses along the James. Hastings house '57 p225-30

Whiffen, Marcus. Public buildings of Williamsburg, colonial capital of Virginia; an architectural history. (Williamsburg architectural studies, v 1) Colonial Williamsburg '58 p235-40

ARCHITECTURE, American

Poesch, Jessie J. Chicago school in print; an annot. bibliog. ed. by Frederick D. Nichols. (Pub. no 14) Am. assn. of architectural bibliographers '59 24p annot

ARCHITECTURE, Ancient

See also

Pyramids

ARCHITECTURE, Anglo-Saxon

Fisher, Ernst Arthur. Introduction to Anglo-Saxon architecture and sculpture. Praeger '59 p97-9

ARCHITECTURE, Australian

Herman, Morton. Early Australian architects and their work. Angus '54 p224-6

ARCHITECTURE, Baroque

Franck, Carl Ludwig. Die barockvillen in Frascati, ihre gestaltung aus den landschaftlichen gegebenheiten. (Kunstwissenschaftliche studien, v28) Deutscher kunstverlag '56 p 142-4

Galassi Paluzzi, Carlo. Storia segreta dello stile dei gesuiti. Mondini '51 p 165-72

Powell, Nicolas. From baroque to rococo; an introd. to Austrian and German architecture from 1580 to 1790. Praeger '59 p 157-62

Sancho Corbacho, Antonio. Arquitectura barroca sevillana del siglo XVIII. Sección de Sevilla, Inst. Diego Velázquez, Consejo superior de investigaciones científicas '52 p367-9

ARCHITECTURE, British

Sekler, Eduard Franz. Wren and his place in European architecture; [tr. by Mr & Mrs Peter Murray] Macmillan '56 p 195-202

ARCHITECTURE, Cistercian

Hahn, Hanno. Die frühe kirchenbaukunst der Zisterzienser; untersuchungen zur baugeschichte von Kloster Eberbach im Rheingau und ihren europäischen analogien im 12. jahrhundert. (Frankfurter forschungen zur architekturgeschichte, v 1) Mann '57 p342-59

ARCHITECTURE, Domestic

Agan, Tessie. House, its plan and use. rev ed Lippincott '56 incl bibliog

Anderson, Le Roy Oscar, and Heyer, Otto Christian. Wood-frame house construction. (U.S. Dept. of agriculture. Agriculture handbk. no73) U.S. Gov. ptg. office '55 p214-17

Cereghini, Mario. Building the mountains; architecture and history. (Misura: essays historical, critical and theoretical in architecture, 4) Heinman; Ed. del Milione '57 p553-6

Kennedy, Robert Woods. House and the art of its design. (Progressive architecture lib) Reinhold '53 p535-9

See also

Apartment houses
Farm buildings

Germany

Spengemann, Karl Ludwig. Grundrissatlas; eine typenkunde für den wohnungsbau, unter zugrundelegung eines forschungsauftrages des Bundesministers für den wohnungsbau. Bertelsmann '55 p 189-92

Spörhase, Rolf. Wohnungsbau als aufgabe der wirtschaft; förderung des wohnungsbaues durch wirtschafts-unternehmungen; methoden und leistungen. (Bücher des Deutschen industrie-inst) Kohlhammer '56 p254-9

Great Britain

Whitlick, Arnold, and Schreiner, Johannes. Small house: today and tomorrow. 2d ed Hill '57 p 195-202

Yarwood, Doreen (Cawthra). English home; a thousand years of furnishing and decoration. Scribner '56 p376-81

Italy

Franck, Carl Ludwig. Die barockvillen in Frascati, ihre gestaltung aus den landschaftlichen gegebenheiten. (Kunstwissenschaftliche studien, v28) Deutscher kunstverlag '56 p 142-4

Sweden

Holm, Lennart. Familj och bostad; en redovisning av fem fältstudier i moderna svenska familjebostäder. 1951-1954. Hemmens forskningsinstitut '55 p223-36

ARCHITECTURE, East Indian. *See* Architecture, Indic

ARCHITECTURE, Gothic

Booz, Paul. Der baumeister der gotik. (Kunstwissenschaftliche studien, v27) Deutscher kunstverlag '56 p 129-31

Simson, Otto Georg von. Gothic cathedral; origins of Gothic architecture and the medieval concept of order; with an app. on the proportions of the south tower of Chartres cathedral, by Ernst Levy. (Bollingen ser. 48) Pantheon bks. '56 p267-89

See also

Architecture, Cistercian

ARCHITECTURE, Indian (East Indian) *See* Architecture, Indic

ARCHITECTURE, Indic

Rowland, Benjamin. Art and architecture of India: Buddhist, Hindu [and] Jain. (Pelican history of art, Z2) Penguin '53 p275-80

ARCHITECTURE, Medieval

See also

Architecture, Gothic

Architecture, Norman

ARCHITECTURE, Military. *See* Military architecture

ARCHITECTURE, Modern

Bill, Max. Ludwig Miës van der Rohe. (Architetti del movimento moderno, 12) Il Balcone '55 p38-44

Joedicke, Itr. from the German by James C. Palmes] Praeger '59 p238-40 annot

Kultermann, Udo. Baukunst der gegenwart; dokumente des neuen bauens in der welt. Wasmuth '58 p51-3

—Same: with title Architecture of today; a survey of new building throughout the world; tr. by E. H. W. Priefert. Universe bks. '59 p49-51

Peter, John. Masters of modern architecture. Braxillier '58 p225-6

Rogers, Ernesto N. Auguste Perret. (Architetti del movimento moderno, 13) Il Balcone '55 p64-79

Whitlick, Arnold. European architecture in the twentieth century. Lockwood '50-'53 2v v 1, p219-23; v2, p244-8

ARCHITECTURE, Mohammedan

Creswell, Keppel Archibald Cameron. Bibliography of Muslim architecture in North Africa, excluding Egypt. Librairie Larose '54 65p

ARCHITECTURE, Naval. *See* Naval architecture; Shipbuilding

ARCHITECTURE, Norman

Stefano, Guido di. Monumenti della Sicilia normanna. Soc. siciliana per la storia patria '55 p 115-25

ARCHITECTURE, Rococo

Powell, Nicolas. From baroque to rococo; an introd. to Austrian and German architecture from 1580 to 1790. Praeger '59 p 157-62

ARCHITECTURE, Romanesque

Ceschi, Carlo. Architettura romanica genovese. Alfieri '54 incl bibliog

ARCHITECTURE, Rural. *See* Farm buildings

ARCHITECTURE as a profession

Angel, Juvenal Londono. Careers in architecture. (Monograph no28) World trade acad. press '55 p29-30

ARCHIVES

Fahlström, Jan Magnus. Företagsarkiven; orientering om modern arkivorganisation. Industriens upplysningstjänst '56 p220-33

Vollmer, G. Bibliographie zum archivwesen. 1945-1952(1-1955-1956) Archivvar 7:col 153-70; 275-300; 8:col 117-30, 277-90; 9:col 97-120, 219-48; 383-96; 11:col 231-56, 327-40; 12:col 25-48, 119-42 Ag-N '54, Ap-Jl '55, My-N '56, Jl-D '58, Mr-My '59

ARCHIVES—Continued

Writings on archives, current records and historical manuscripts. June 1954-May 1955 [1-June 1957-May 1958]. *Am Archivist* 18:348-76; 19:337-69; 21:76-94; 195-208; 22:83-104; 217-26 O '55, O '56, Ja-Apr '58, Ja-Apr '59

See also

Cartularies
Manuscripts
Public records

Canada

Binsfeld, E. L. Church archives in the United States and Canada; a bibliography. *Am Archivist* 21:311-32 J1 '58

France

Beers, Henry Putney. French in North America; a bibliog. guide to French archives, reproductions, and research missions. La. state univ. press '57 p279-350

United States

Binsfeld, E. L. Church archives in the United States and Canada; a bibliography. *Am Archivist* 21:311-32 J1 '58

ARCIMBOLDI, Giuseppe, 1527?-1593

Geiger, Benno. I dipinti ghiribizzosi di Giuseppe Arcimboldi, pittore illusionista del cinquecento, 1527-1593; con una nota su l'Arcimboldi musicista di Lionello Levi ed un epilogo di Oskar Kokoschka. Vallecchi '54 p 133-8

ARCTIC races

Jakobson, Roman, and others. Paleosiberian peoples and languages; a bibliog. guide. (Behavior science bibliogs) HRAF press '57 222p annot

ARCTIC regions

Arctic institute of North America. Arctic bibliography v6[1-8] U.S. Dept. of defense '56-'59 3v

Arctic institute of North America. Arctic research; the current status of research and some immediate problems in the North American arctic and subarctic; ed. by Diana Rowley. (Special pub. no2) The institute '55 incl bibliog

Baird, P. D. Glaciological research in the Canadian arctic. *Arctic* 8 no2:107-8 '55

Biology colloquium. Oregon state college. Arctic biology; 18th annual biology colloquium, Friday and Saturday, Apr. 19-20, 1957; ed. by Henry P. Hansen. Ore. state chapter of the Phi Kappa Phi '57 incl bibliog

Canada. Department of mines and technical surveys. Geographical branch. Selected bibliography on sea ice distribution in the coastal waters of Canada. (Bibliog. ser, no 18) The branch '57 50p

Collins, H. B. Archaeological research in the North American arctic. *Arctic* 7 no3:304-6 '54

Dunbar, M. J. Arctic and subarctic marine biology; immediate problems. *Arctic* 7 no3: 227-8 '54

Hanson, Harold Carsten, and others. Geography, birds, and mammals of the Perry River region. (Special pub. no3) *Arctic inst. of North Am.* '56 p93-6

Harp, E. Prehistory in the Dismal Lake area, N.W.T. Canada. *Arctic* 11 no 4:248-9 '58

Hattersley-Smith, G. Northern Ellesmere island. *Geog J* 122:22-3 Mr '56

Hope, E. R. Geotectonics of the Arctic ocean and the great arctic magnetic anomaly. *J Geophys Res* 64:426-7 Ap '59

Manning, T. H. Narrative of a second Defence research board expedition to Banks island, with notes on the country and its history. *Arctic* 9 no 1:74-7 '56

Rawson, D. S. Limnology in the North American arctic and subarctic. *Arctic* 7 no3: 211-12 '54

Sharp, R. P. Glaciers in the arctic. *Arctic* 9 no 1:111-17 '56

Taylor, Andrew. Geographical discovery and exploration in the Queen Elizabeth islands. (Canada, Dept. of mines and technical surveys. Geographical branch. Memoir 3) Queen's printer '55 p 132-61

Tedrow, J. C. F. and Cantlon, J. E. Concepts of soil formation and classification in arctic regions. *Arctic* 11 no 3:178-9 '58

United States. Arctic aeromedical laboratory, Ladd Air force base, Alaska. Chronological list of published reports. The laboratory '56? 1v

See also

North pole
Northeast passage

Climate

Stepanova, N. A. Selective annotated bibliography on synoptic meteorology of the Arctic. *Meteorol Abst & Bibliog* 7:79-123 Ja '56

AREA studies

Perloff, Harvey S. Regional studies at U.S. universities; a survey of regionally oriented research and graduate activities. Resources for the future '57 118p annot

ARECA catechu. See Betel palm

ARECANUTS. See Betel nuts

ARETINO, Pietro, 1492-1556

Cossío del Pomar, Felipe. Aretino, azote de principes; biografía. (Ediciones Cuadernos americanos, 37) The author '54 p 141-53

ARGENTINA

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Argentinien; stand: sept. 1955. (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung, no 13) The library '56 84p

Pendle, George. Argentina. Royal inst. of int. affairs '55 p 147-56

History, Naval

Burzio, Humberto F. ed. Impresos navales, 1814-1829. Comisión nacional de homenaje al almirante Guillermo Brown '57 24p

Politics and government

Hoffmann, F. L. Peron and after [a review article] *Hispan Am Hist R* 36:510-28; 39: 212-33 N '56, My '59

ARGON

Benson, F. A. and Gillespie, E. F. F. Influence of argon content on the characteristics of glow-discharge tubes. *Inst Elec Eng Proc* 104:504-5 S '57

Damon, P. E. and Kulp, T. L. Excess helium and argon in beryl and other minerals. *Am Min* 43:457-9 My '58

ARGONNE, France

Tilloy, Robert. Bibliographie de l'Argonne. Centre d'études argonnais '58 240p

ARIAS PÉREZ, Pedro, 17th cent

Arias Pérez, Pedro, comp. Primavera y flor de los mejores romances (Madrid 1621) reimpreso directamente de la primera edición; con un estudio preliminar de José F. Montesinos. (Floresta; joyas poéticas españolas, 5) Dolphin bk. co. '54 p275-84

ARID regions

American association for the advancement of science. Future of arid lands; papers and recommendations from the int. arid lands meetings; ed. by Gilbert F. White. (Pub. no43) The association '56 incl bibliog

California. University. University at Los Angeles. Library. UCLA lands of the West; an exhibit in the UCLA lib, July 16-Aug. 19, 1959. The library '59 5p

Israel. Research council. Desert research; proceedings of the int. symposium held in Jerusalem, May 7-14, 1952. (Special pub. no 2) The council '53 incl bibliog

Jackson, E. A. Soil features in arid regions with particular reference to Australia. *Australian Inst Ag Sci J* 23:207-8 S '57

Reparaz, G. de. Zone aride du Pérou. *Geog Ann* 40 no 1:60-2 '58

Symposium on arid zone hydrology, Ankara, 1952. Actes du Colloque d'Ankara sur l'hydrologie de la zone aride. (Programme de la zone aride, 2) UNESCO '53 incl bibliog

United Nations educational, scientific and cultural organization. Human and animal ecology; reviews of research. *Ecologie humaine et animale; compte rendu de recherches.* (Arid zone research, 8) UNESCO '57 244p

Climate

United Nations educational, scientific and cultural organization. Climatology; reviews of research. (Arid zone research, 10) UNESCO '58 190p

ARID regions—Climate—Continued

United Nations educational, scientific and cultural organization. Climatology and microclimatology: proceedings of the Canberra symposium. Climatologie et microclimatologie; actes du colloque de Canberra. (Arid zone research, 11) UNESCO '58 incl bibliog

ARISTO, Lodovico, 1474-1533

Fatini, Giuseppe. Bibliografia della critica aristotea, 1510-1956. Le Monnier '58 722p

ARISTOCRACY

See also

Nobility

ARISTOTLE, 384-322 B.C.

Barbotin, Edmond. La théorie aristotélicienne de l'intellect d'après Théophraste. (Louvain. Univ. catholique. Inst. supérieur de philosophie (Ecole Saint Thomas d'Aquin) Aristote; traductions et études) Pubs. univ. de Louvain '54 p7-30

Else, Gerald Frank. Aristotle's poetics: the argument. Harvard univ. press '58 p655-7

Holland, Laura Virginia. Counterpoint: Kenneth Burke and Aristotle's theories of rhetoric. Philosophical lib. '59 p 109-11

Isaac, Jean. Le Peri hermenias en Occident de Boèce à saint Thomas; histoire littéraire d'un traité d'Aristote. (Bibliothèque thomiste, 29) J. Vrin '53 p 178-86

Rosenfield, L. C. Peripatetic adversaries of Cartesianism in 17th century France. R Relig 22:26-40 N '57 annot

Well, R. De l'état présent des questions aristotéliciennes. Inf Litt 11:20-31 Ja '59

ARITHMETIC

Nieulande, Marie Louise van. Le problème d'arithmétique. (Les Mensurations psychopédagogiques, 2) Laboratoire de pédagogie expérimentale '55 p205-13

See also

Division

Square root

Research

Weaver, J. F. Six years of research on arithmetic instruction: 1951-1956. Arith Teach 4:90-6 Ap '57 annot

Study and teaching

Banks, John Houston. Learning and teaching arithmetic. Allyn '59 incl bibliog

Bernstein, A. Library research—a study in remedial arithmetic. Sch Sci & Math 59:194-5 Mr '59

Cronje, A. P. Ondersoek na die invloed van verbeterde werkmodes by St. V-leerlinge in rekene; met verwysing na die rol van taal in die ontwikkeling van rekenbegrippe; summary in English. (Opvoedkundige studies, v6, no20) Werkgemeenskap ter bevordering van die pedagogiek as wetenskap, Fakulteit Opvoedkunde, Univ. Pretoria '58 p 104-3

Dyer, Henry S. and others. Problems in mathematical education. Educational testing service '56 p31-50

Emm, Eloise. Factorial study of the problem-solving ability of fifth grade boys. (Catholic univ. of Am. Educational research monograph, v22, no 1) Catholic univ. of Am. press '59 p56-7

Engelhard, Sister Mary Dominic. Experimental study of arithmetic problem-solving ability of sixth grade girls. (Catholic univ. of Am. Educational research monographs, v 19, no4) Catholic univ. of Am. press '55 p60-2

Glennon, Vincent Joseph, and Hunnicutt, Clarence William. What does research say about arithmetic? rev ed Assn. for supervision & curriculum development '58 p61-74

Kliebhan, Sister Mary Camille. Experimental study of arithmetic problem-solving ability of sixth grade boys. (Catholic univ. of Am. Educational research monographs, v 19, no3) Catholic univ. of Am. press '55 p48-51

McSwain, Eldridge Tracy, and Cooke, Ralph J. Understanding and teaching arithmetic in the elementary school. Holt '58 incl bibliog

Marks, John L. and others. Teaching arithmetic for understanding. (McGraw-Hill ser. in education. Curriculum and methods in education) McGraw '58 incl bibliog

Taylor, Edson Homer, and Mills, Clifford Newton. Arithmetic for teacher-training classes. 4th ed Tolt '55 p427-32

Van Engen, Henry, and Gibb, E. Glenadine. General mental functions associated with division. (Educational service studies, no2) Iowa state teachers college '56 p95-7

Weaver, J. F. Six years of research on arithmetic instruction: 1951-1956. Arith Teach 4:90-6 Ap '57 annot

Textbooks

Schutter, Charles Henry, and Spreckelmeyer, Richard L. Teaching the third R, a comparative study of Am. and European textbks. in arithmetic; introd. by Max Beberman. Council for basic education '53 p42-6

ARIZONA

Arizona daily star. Index to Arizona news in the Arizona daily star, 1954[-1956] The newspaper '55-'57 3v

Current Arizona bibliography. See numbers of Arizona quarterly

Writer's program. Arizona. Arizona, the Grand Canyon state; a state guide; completely rev. by Joseph Miller; ed. by Henry G. Alsberg. (Am. guide ser) Hastings house '56 p503-13

Antiquities

Dixon, Keith A. Hidden house; a cliff ruin in Sycamore canyon, central Arizona. (Museum of northern Ariz. Bul. 29) Northern Ariz. soc. of science & art '56 p73-85

Farmer, M. F. Tracks and trackways of northern Arizona—a record of the past. Plateau 28:63-6 Ja '56

Bibliography

Diaz, A. J. Bibliography of bibliographies relating to the history and literature of Arizona and New Mexico. Ariz Q 14:197-218 Autumn '58

Economic conditions

Watson, Mary B. Arizona state publications of interest to business. Bur. of business services, Dept. of business adm, Arizona state college '54 7p

Government publications

Watson, Mary B. Arizona state publications of interest to business. Bur. of business services, Dept. of business adm, Arizona state college '54 7p

ARKANSAS**Biography**

Worley, Ted R. Books and pamphlets relating to Arkansas history and biography. The author '56 50p

Government publications

Arkansas. University. Library. Checklist of Arkansas state publications. The library. See numbers

History

Arkansas. History commission. Catalogue of the Clara Bertha Eno collection, by Ted R. Worley. The commission '56 23p

Worley, Ted R. Books and pamphlets relating to Arkansas history and biography. The author '56 50p

Politics and government

Arkansas. Legislative council. List of research reports published 1949-1956. The council '57 15p

ARKELL, William Joscelyn, 1904-1958

Cox, L. R. William Joscelyn Arkell. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p8-14)

ARM**Fracture**

Einarsson, Fridrik. Fracture of the upper end of the humerus; discussion based on the follow-up of 302 cases [tr. by Anna La Cour] (Acta orthopaedica Scandinavica. Sup. no32) Munksgaard '58 p210-13

ARMENIA

Kurkjian, Vahan M. History of Armenia. Armenian general benevolent union '58 p494-500

Mirkirtitchian, L. Bibliographical guide to recent literature published in Soviet Armenia and abroad. Caucasian R no5:137-47 '57

ARMENIAN manuscripts. See Manuscripts, Armenian

ARMIES*See also*

Military art and science

Medical and sanitary affairs

See also

Medicine, Military

ARMINIANS

Collie, Rosalie Littell. Light and enlightenment; a study of the Cambridge Platonists and the Dutch Arminians. Cambridge '57 p 145-56

ARMITAGE, Merle, 1893-

Marks, Robert. Merle Armitage bibliography. Weyhe '56 99p

ARMS and armor

Blair, Claude. European armour; circa 1066 to circa 1700. Macmillan '59 p230-6

Creswell, Keppel Archibald Cameron. Bibliography of arms and armour in Islam. (Royal Asiatic soc. of Gt. Brit. and Ireland. James G. Forlong fund. Pubs, v25) Luzac '56 79p

Peking. National palace museum. Chinese bronze age weapons; the Werner Jannings collection in the Chinese national palace museum, by Max Loehr. Univ. of Mich. press '56 p213-24

Rosebush, Waldo Emerson. Frontier steel; the men and their weapons. Nelson '58 p333-6

See also

Firearms

Swords

ARMSTRONG, Edwin Howard, 1890-1954

Lessing, Lawrence. Man of high fidelity. Edwin Howard Armstrong; a bibliography. Lippincott '56 p313-15 annot

ARMSTRONG, Henry Edward, 1848-1937

Eyre, John Vargas. Henry Edward Armstrong, 1848-1937: the dozen of British chemists and pioneer of technical education. Butterworth '58 p297-325

ARMY schools. See Military education**ARMY uniforms. See Uniforms, Military****ARMY worms**

Breeland, S. G. Biological studies on the armyworm, pseudaleia unipuncta (Haworth) in Tennessee (lepidoptera: noctuidae) Tenn Acad Sci J 33:345-7 O '58

ARNETT, Benjamin William, bp, 1838-1906

Wilberforce university. Carnegie library. Benjamin William Arnett papers; comp. by Caspar LeRoy Jordan. The library '58 18p

ARNIM, Bettina (Brentano) von, 1785-1859

Helps, Arthur, and Howard, Elizabeth Jane. Bettina, a portrait. Reynal & co. '57? p218-19

ARNOLD, Matthew, 1822-1888

Allott, Kenneth. Matthew Arnold. (Bibliog. ser. of sups. to British bk. news, no60) Longmans '55 p35-44

Eells, John Shepard. Touchstones of Matthew Arnold. Bookman associates '55 p265-70

ARP, Hans, 1887-

Hans Arp [von] Carola Giedion-Welcker; dokumentation: Marguerite Hagenbach. Hatje '57 p 117-25

—Same; with title: Jean Arp [tr. by Norbert Gutermann] Abrams '57 p 113-22

New York (city). Museum of modern art. Arp; ed. with an introd. by James Thrall Soby; articles by Jean Hans Arp [and others] The museum '58 p 118-19

ARRI, Carlo, 1913-1943

Cimatti, Vincenzo. Un missionario nel Giappone; cenni biografici del salesiano don Carlo Arri. (Lecture cattoliche Don Bosco, anno 99, no 1190) Società editrice int. '52 p51-74

ARROWWORMS

Bieri, R. Chaetognath fauna off Peru in 1941. Pac Sci 11:263-4 J1 '57

Bieri, R. Distribution of the planktonic chaetognaths in the Pacific and their relationship to the water masses. Limnol & Oceanog 4:26-8 Ja '59

ARS, Curé d'. See Vianney, J. B. M.**ARSENIC**

Satterlee, H. S. Sources of error in micro-determination of arsenic. AMA Archives Ind Health 17:229 Mr '58

See also

Plants, Effect of arsenic on

ARSENIC poisoning (plants) *See* Plants, Effect of arsenic on

ARSON

Cuelenaere, A. Essai d'une bibliographie européenne de l'incendie, en particulier de l'incendie criminel. (Pubs, no 10) Laboratoire de criminalistique, Ghent univ. '53 np

ART

Art books of the year. Lib J 81:1866-8 S 1 '56 annot

Art index; a cumulative author and subject index to a sel. list of fine arts periodicals and museum bulletins. Wilson. *See* numbers

Beam, Philip C. Language of art. Ronald '58 p907-15

Berlin. Amerika-gedenkbibliothek. Moderne kunst; bücherverzeichnis zur malerei und plastik vom ausgang des 19. jahrhunderts bis zur gegenwart, zusammengestellt von Grete Hesse. The library 5-? 63p

Bibliographie der jahre 1955[-1958] mit nachträgen der jahre 1953 und 1954[-1956 und 1957] Z Kunstgesch 19 no3:302-16; 20 no 1:105-24; no2:209-28; no3:307-16; 21 no 1: 67-104; no2:199-208; no3:285-316; 22 no1:73-84; no2:180-200; no3:292-304; no4:382-96 '56-59

Bibliographie 1950. Jahrb Ästhetik & Allgem Kunstwiss 2:191-220 '54

Bleha, J. Soupis české literatury o výtvarném umění, 1945-1954. (Čtete a studijeme, 1956, no 1) Knihovna, Univ. Karlova '56 179p

Chicago. Art institute. Surrealism & its affinities; the Mary Reynolds coll; a bibliog. comp. by Hugh Edwards. The institute '56 131p

Enequist, R. L. Art paperbounds for the small library. Lib J 83:2360-3 S 15 '58 annot

Faulkner, Ray, and others. Art today; an introd. to the fine and functional arts. Holt '56 incl bibliog annot

Gettens, Rutherford John, and Usilton, Bertha M. Abstracts of technical studies in art and archaeology, 1943-1952. (Occasional papers, v2, no2) Freer gallery of art '55 408p

International bibliography to eighteenth-century art. Connoisseur 135:opp52 Mr '55

Istituto nazionale di archeologia e storia dell'arte, Rome. Biblioteca. Annuario bibliografico di storia dell'arte, 11-41 1952 [-1955] (Pubblicazioni) Soc. tip. modenese '54-'57 4v

Krienke, Gisela. Bibliographie zu kunst und kunstgeschichte; veröffentlichungen im gebiet der Deutschen Demokratischen Republik, 1945-1953. Verlag für buch- & bibliothekswesen '56 283p

Merici, Sister M. A. 100 basic books in art. Cath Lib World 27:309-15 Ap '56 annot

National book league. Selected books on art (drawing and painting) recommended for school libraries: annotated. The league '56 17p

Paris. Ecole du Louvre. Positions des thèses soutenues par les élèves agrégés de 1945 à 1953 et des mémoires présentés par les élèves libres de 1943 à 1953 pour obtenir le diplôme supérieur et le diplôme simple de l'Ecole du Louvre. The school '54 159p

Prague. Universita Karlova. Knihovna. Soupis české literatury o výtvarném umění, 1945-1954; zpracoval Josef Bleha (Čtete a studijeme, 1956, no 1) The library '56 179p

Rjukan, Norway. Offentlige bibliotek. Bøker um kunst, kunsthåndverk og arkitektur i Rjukan off. bibliotek. The library '53 62p

Seiberling, Frank. Looking into art. Holt '59 p295-8 annot

Les thèses et mémoires de l'Ecole du Louvre, 1886-1953. Gaz Beaux-Arts 49:114-23 F '57

See also

Anatomy, Artistic

Animals in art

Archeology

Architecture

Art nouveau (movement)

Arts and crafts

Christian art and symbolism

Drawing

Esthetics

Expressionism (art)

Futurism (art)

Graphic arts

Illustrated books

Illustration of books

Impressionism (art)

Interior decoration

Modernism (art)

ART—Continued

Mosaics

Mural painting and decoration

Painting

Plants in art

Pottery

Proportion (art)

Sculpture

History

Bazin, Germain. *Histoire de l'art de la pré-histoire à nos jours*. Garamond '53 p443-9—Same; with title: *History of art from pre-historic times to the present*; tr. by Francis Scarfe. Houghton '59 p615-26 annotBialostocki, J. Recent research, Russia. *Burl Mag* 99:387-8, 421-5 N-D '57Cheney, Sheldon. *New World history of art*; completely rev. ed, with additional text. Viking '56 p660-4 annotCinotti, Mya, ed. *Arte di tutti i tempi*. Istituto geografico De Agostini '55 incl bibliogGardner, Helen. *Art through the ages*; rev. under the editorship of Sumner McK. Crosby by the Dept. of the history of art, Yale university. 4th ed Harcourt '59 incl bibliogGloag, John. *Georgian grace*; a social history of design from 1660-1830. Black '56 p349-59Gombrich, Ernst Hans Josef. *Story of art*. 6th ed Phaidon '54 p447-50 annot

Kunstgeschichtliche anzeigen. Inst. für österreichische geschichtsforschung; Kunst-historisches inst. Univ. Wien. See numbers

Myers, Bernard Samuel. *Art and civilization*. McGraw '57 p693-708Upjohn, Everard Miller, and others. *History of world art*. 2d ed rev & enl Oxford '53 p841-50 annot

Periodicals

American federation of arts. *American art directory*, 1958; ed. by Dorothy B. Gilbert. (V40) Bowker '58 p343-5, 359-70

Directory of Japanese learned periodicals, 1957; pt3, Applied sciences and fine arts; comp. by Nat. Diet library. Lib. bureau '57 np

Philosophy

File, Sister Mary Jeanne. *Critical analysis of current concepts of art in American higher education*. (Catholic univ. of Am. Educational research monographs, v21, no2) Catholic univ. of Am. press '53 p97-104Gilson, Etienne Henry. *Painting and reality*. (Bollingen ser, 35. A. W. Mellon lectures in the fine arts, 4) Pantheon bks. '57 p331-42Langer, Susanne Katharina (Knauth). *Feeling and form; a theory of art developed from Philosophy in a new key*. Scribner '55 p417-23

Psychology

Arnheim, Rudolf. *Art and visual perception; a psychology of the creative eye*. Faber '56 p395-401Peterson, C. Recent studies in the field of psychological aesthetics. *J Home Econ* 50: 769-71 D '53Stewart, Louis H. *Expression of personality in drawings and paintings*. (Genetic psychology monographs, v51, 1st half) Journal press '55 p 101-3

Social aspects

Mierendorff, M. *Über den gegenwärtigen stand der kunstsoziologie in Deutschland*. *Kölner Z Soziol & Sozialpsychol* 9 no3:407-12 '57

See also

Art and culture

Study and teaching

Barkan, Manuel. *Foundation for art education*. Ronald '55 p225-9Bibliography of books on art education. *Graphis* 14:269-74 My '53Conant, Howard, and Randall, Arne. *Art in education*. Bennett '59 p331-8Czurles, S. A. *Research in art education: a bibliography*. (Art education bul, v 14, no5) Eastern art assn. '57 p23-5De Francesco, Italo Luther. *Art education: its means and ends*. (Harper's ser. on teaching) Harper '53 incl bibliogFlorida. University. College of education. *Education library. Art in the classroom; creative teacher education in art*. (Bibliog. no 11) The library '55 8pGaitskell, Charles Dudley. *Children and their art*; methods for the elementary school. Harcourt '58 p422-35Hunt, DeWitt. *Art education in junior high schools*, a bibliography. (Circ. no434) U.S. Office of education '55 8pLanguage arts and fine arts; reviews the literature for a three-year period since Apr. 19521-19551 *R Educ Res* 25:73-188; 23: 77-180 Ap '55, Ap '58Logan, Frederick Manning. *Growth of art in American schools*. (Harper's exploration ser. in education) Harper '55 incl bibliogLong Island art teachers association. *Art education in modern elementary schools*; pref. by Howard Conant; Fred Schwartz, editor. Otto Schmidt & son '57 p99-102Lowenfeld, Viktor. *Creative and mental growth*. 3d ed Macmillan '57 p509-17Pennsylvania. Department of public instruction. *Art education for the administrator, the art supervisor, the art teacher, the classroom teacher and those concerned with art education*. (Bul. new ser, 263) The department '55 incl bibliogRandall, Arne William. *Murals for schools, sharing creative experiences*. Davis press '56 p99-100Read, Sir Herbert Edward. *Education through art*. 3d rev ed Pantheon bks. '53 p309-21Reed, Carl. *Early adolescent art education*. Bennett '57 incl bibliog annotZiegfeld, Edwin, ed. *Education and art; a symposium*. UNESCO '53 p 121-3—Same; with title: *Art et éducation, recueil d'essais*. UNESCO '54 p 131-3

Australia

American-Australian scientific expedition to Arnhem land. *Art, myth and symbolism*, by Charles P. Mountford. (Records, 1) Melbourne univ. press '56 p505-8

Austria

Schrifttum zur österreichischen kunst. See numbers of Gesellschaft für vergleichende kunstforschung in Wien. Mitteilungen

Belgium

Fierens, Paul, and others, eds. *L'art en Belgique; du moyen âge à nos jours*. Renaissance du livre '56 incl bibliog

Brazil

Valladares, José. *Arte brasileira; publicações de 1943-1953*; bibliog. comentada com índice remissivo. (Centro de estudos bahianos. Pub. 30) Salvador '55 78p

Colombia

Giraldo Jaramillo, Gabriel. *Bibliografía selecta del arte en Colombia*. (Biblioteca de bibliografía colombiana, 1) Editorial ABC '55 146p

Europe

Madsen, Stephan Tchudi. *Sources of art nouveau*; English tr. by Rognar Christophersen. Wittenborn '56 p451-70

Far East

Seckel, Dietrich. *Buddhistische kunst Ostasiens*. Kohlhammer '57 p270-80

French West Africa

Lecoq, Raymond. *Les Bamiléké; une civilisation africaine*. (Présence africaine) Editions africaines '53 p212-13

Germany

Michel, Fritz. *Die kunstdenkmäler der stadt Koblenz; die profanen denkmäler und die vororte*. (Die Kunstendenkmäler von Rheinland-Pfalz, v 1) Deutscher kunstverlag '54 incl bibliog

Hungary

Dercsényi, Dezső, ed. *Győr-Sopron megye műemlékei*. (Magyarország műemléki topográfiája, v2) Akadémiai kiadó '53 p537-41Kovács, E. *Casula Sancti Stephani regis*. *Acta Hist Art* 5 no3:220-1 '53

India

See also
Painting. Indic

Italy

Emert, Giulio Benedetto. *Monumento di Trento*. 2d ed Municipio di Trento '56 p291-2Richter, Gisela Marie Augusta. *Ancient Italy; a study of the interrelations of its peoples as shown in their arts*. (Jerome lectures, 4th ser) Univ. of Mich. press '55 p xii-xxii

ART—Italy—Continued

History

Enzo, Carli, and Acqua, Gian Alberto dell'. *Profilo dell'arte italiana*. Istituto italiano d'arti grafiche '54-'55 2v v2, p647-60

Japan

Freer gallery of art, Washington, D.C. Annotated outlines of the history of Japanese art. The gallery '55 23p at end

Malta

Sammut, Edward. Notes for a history of art in Malta. Progress press co. ltd. '54 p98-101

Mexico

Rubín de la Borbolla, Daniel Fernando. México: monumentos históricos y arqueológicos. (Monumentos históricos y arqueológicos, 7; Comisión de historia. Pubs, 43) Pan Am. inst. of geography & history '53 2v v 1, p99-106

Selected, annotated bibliography on the art and culture of Mexico. Liturg Arts 23:131-48 My '55

Poland

Warsaw. Państwowy instytut sztuki. Sztuka polska czasów średniowiecznych; praca zbiorowa pod red. Gwidona Chmarnyńskiego. Naki. państwowego wydawn. naukowego '53 p 173-85

Ravenna

Nordström, Carl Otto. *Ravennastudien; ideengeschichtliche und ikonographische untersuchungen über die mosaiken von Ravenna*. (Figura, 4) Almqvist '53 p 136-44

Rhine-land—Palatinate

Die kunstdenkmäler von Rheinland-Pfalz; im auftrage des Ministeriums für unterricht und kultus hrsg. von Werner Bornheim gen. Schilling. Deutscher kunstverlag '54-'57 2v v 1, p534-44; v2, p562-81

Russia

Hamilton, George Heard. *Art and architecture of Russia*. (Pelican history of art) Penguin '54 p295-9

Santo Domingo

Florén Lozano, Louis. *Bibliografía de las bellas artes en Santo Domingo*. (Materiales par el estudio de la cultura dominicana, v8) Antares '56 53p annot

Spain

Bibliografía. See numbers of Archivo español de arte

United States

Comstock, Helen, ed. *Concise encyclopedia of American antiques*. Hawthorn bks. '58 2v incl bibliog

Mumford, Lewis. *Brown decades; a study of the arts in America, 1865-1895*. 2d rev ed Dover '55 p249-58 annot

Venice

Bibliografia dell'arte veneta, 1954-1955[1957] *Arte Veneta* 9:284-320; 10:262-80; 11:260-75 '55-'57

ART, Abstract

Berckelaers, Ferdinand Louis. *Knaurs lexikon abstrakter malerei*. mit einer ausführlichen darstellung der geschichte der abstrakten malerei. von Michael Seuphor (pseud) aus dem französischen übertragen und bearb. von Alfred P. Zeller. Droemersch verlagsanstalt '57 p311-23

Kuhn, Charles Louis. *German expressionism and abstract art; the Harvard colls; with an introd. essay by Jakob Rosenberg*. Harvard univ. press '57 p 125-7

ART, African

Cory, Hans. *African figurines; their ceremonial use in puberty rites in Tanganyika*. Grove '56 p 173-6

ART, Ancient

Richter, Gisela Marie Augusta. *Ancient Italy; a study of the interrelations of its peoples as shown in their arts*. (Jerome lectures, 4th ser) Univ. of Mich. press '55 p xii-xxii

See also

Art, Greek
Art, Roman

History

Tea, Eva. *Preistoria, civiltà extraeuropee*. (Storia universale dell'arte, v 1) Unione tipografico-editrice torinese '53 p773-87

ART, Andean. See Indians of South America—Art

ART, Anglo-Saxon

See also
Sculpture, Anglo-Saxon

ART, Arabic. See Art, Mohammedan

ART, Baroque

Aus der welt des barock, dargestellt von Richard Alewyn [et al] Metzlersche verlagsbuchhandlung '57 p 166-7

ART, Brazilian

Handbook of Latin American studies, no 19 1-211 Univ. of Fla. press '56-'59 3v no 19, p61-8; no20, p73-7; no21, p49-53 annot
Valladares, José. *Arte brasileira, publicações de 1954; bibliografia comentada com indice reissivo*. Livraria Progresso editora '58 41p

ART, British

Brieger, Peter H. *English art, 1216-1307*. (Oxford history of English art, v4) Oxford '57 p275-88

London. University. Courtauld institute of art. *Bibliography of the history of British art, 1946-1948*. (V6) Cambridge '56 2v

Whinney, Margaret, and Millar, Oliver. *English art, 1625-1714*. (Oxford history of English art, v8) Oxford '57 p355-66 annot

ART, Buddhist

Gray, Basil. *Buddhist cave paintings at Tun-huang; with a pref. by Arthur Waley*. Univ. of Chicago press '59 p79-83

Seckel, Dietrich. *Buddhistische kunst Ostasiens*. Kohlhammer '57 p270-80

ART, Byzantine

Hamilton, John Arnott. *Byzantine architecture and decoration; with a foreword by D. Talbot Rice*. 2d ed Batsford '56 p281-94

Nordström, Carl Otto. *Ravennastudien; ideengeschichtliche und ikonographische untersuchungen über die mosaiken von Ravenna*. (Figura, 4) Almqvist '53 p 136-44

ART, Children's. See Children's art (by children)

ART, Chinese

Paul-David, Madeleine. *Arts et styles de la Chine*. (Arts, styles et techniques) Larousse '53 p 178-81

See also

Bronzes, Chinese

ART, Christian. See Christian art and symbolism

ART, Commercial

Angel, Juvenal Londoño. *Careers in design, decoration, and commercial art*. 2d ed rev & enl (Monograph no9) World trade '57 p26-8

ART, Decorative

See also

Design, Decorative

Enamel and enameling

Furniture

Illustration of books

Mural painting and decoration

Silk screen printing

ART, Dutch

Jaffé, Hans Ludwig C. *De stijl, 1917-1931; the Dutch contribution to modern art*. Tiranti '56 p269-91

ART, Egyptian

Lange, Kurt, and Hirmer, Max. *Aegypten: architektur, plastik, malerei in drei jahrtausenden*. 2d ed Hirmer verlag '57 p96-7
— Same, with title: *Egypt; architecture, sculpture, painting in three thousand years* [tr. from the German by R. H. Boothroyd] Phaidon '56 p360-2

ART, French

See also

Drawings, French

History

Société de l'histoire de l'art français, Paris. *Répertoire des publications de la Société (1928-1956)* [par J. J. Marquet de Vasselot et al] Colin '58 131p

ART, German

Kuhn, Charles Louis. *German expressionism and abstract art; the Harvard colls; with an introd. essay by Jakob Rosenberg*. Harvard univ. press '57 p 125-7

New York. Museum of modern art. *German art of the twentieth century* by Werner Haftmann [and others] ed. by Werner Carnduff Ritchie [bibliog. by N. Riegen] The museum; City art museum of St Louis '57 p227-35 annot

- ART, Gothic**
Wallace, Robert Dan. *L'influence de la France gothique sur deux des précurseurs de la renaissance italienne*: Nicola et Giovanni Pisano. Droz '53 p 125-9
- ART, Greek**
Buschor, Ernst. *Von griechischer kunst; ausgewählte schriften*; auswahl und bearbeitung von Franz Willemsen. Piper '56 p205-8
Chamoux, F. *Chronique de l'art ancien et moderne*; Grèce et Rome. R des Arts 5: 189-92 S '55
Pfuhl, Ernst. *Masterpieces of Greek drawing and painting*; tr, with a foreword, by J. D. Beazley. Macmillan '55 p 144-5
Richter, Gisela Marie Augusta. *Handbook of Greek art*. Phaidon '59 p388-98
- History
- Sallis, Arnold von. *Die kunst der Griechen*. 4th rev ed (Erasmus-bibliothek) Artemis-verlag '54 p327
- ART, Hindu**. See Art, Indic
- ART, Hungarian**
Biró, Béla. *A magyar művészettörténeti irodalom bibliográfiája*. Bibliographie der ungarischen kunstgeschichte. Képzőművészeti Alap '55 611p
- ART, Indian (American Indian)** See Indians—Art; Indians of Central America—Art; Indians of Mexico—Art; Indians of North America—Art; Indians of South America—Art
- ART, Indic**
Rowland, Benjamin. *Art and architecture of India: Buddhist, Hindu [and] Jain*. (Pelican history of art, Z2) Penguin '53 p275-80
See also
Art, Jaina
- ART, Islamic**. See Art, Mohammedan
- ART, Italian**
Borroni, Fabia. *Il Cicognara, bibliografia dell'archeologia classica e dell'arte italiana*. (Biblioteca bibliog. italiana, 6, 7, 10) Sansoni '54-'57 3v
Degenhart, Bernhard. *Italianische zeichner der gegenwart*. (Italienische kulturinst, Munich. Collana di studi italiani, v 1) Gebr. Mann '56 incl bibliog
Falqui, Enrico. *Bibliografia e iconografia del futurismo*. (Contributi alla Biblioteca bibliog. italiana, no21) Sansoni '59 239p
Mantegna, Andrea. *Paintings, drawings, engravings*; complete ed. by E. Tietze-Conrat. Phaidon '55 p251-2
Phillips, John Goldsmith. *Early Florentine designers and engravers*: Maso Finiguerra, Baccio Baldini, Antonio Pollaiuolo, Sandro Botticelli, Francesco Rosselli; a comparative analysis of early Florentine nielli, intarsias, drawings, and copperplate engravings. Harvard univ. press '55 p89-90
- ART, Jaina**
Shah, Umakant Premanand. *Studies in Jaina art*. Jaina cultural research soc. '55 p 131-42
- ART, Japanese**
Munsterberg, Hugo. *Arts of Japan, an illustrated history*. Tuttle '57 p 187-90 annot
Swann, Peter Charles. *Introduction to the arts of Japan*. Praeger '58 p216
- ART, Latin American**
Handbook of Latin American studies, no 18, 201-211 Univ. of Fla. press '55-'59 3v no 18, p34-49; no20, p58-72; no21, p43-9 annot
- ART, Lithuanian**
See also
Folk art, Lithuanian
- ART, Maya**
Spinden, Herbert Joseph. *Maya art and civilization*. rev & enl ed Falcon's wing press '57 p399-415
- ART, Medieval**
Brieger, Peter H. *English art, 1216-1307*. (Oxford history of English art, v4) Oxford '57 p275-88
See also
Art, Byzantine
Art, Gothic
Illumination of books and manuscripts
- ART, Modern**. See Modernism (art)
- ART, Mohammedan**
Islamic art and archaeology, 1954. Heffer '56 38p
- ART, Oriental**
Lehmann, Arno. *Die kunst der jungen kirchen*. 2d rev & enl ed Evangelische verlagsanstalt '57 p249-53
- Rowland, Benjamin. *Harvard outline and reading lists for oriental art*. rev ed Harvard univ. press '58 p29-74
Swoboda, K. M. *In den jahren 1950-1954 erschienene werke zur kunst der prähistorie und des alten Orients*. Kunstgesch Anz 1 no 1/2:3-77 '55
- ART, Primitive**
American-Australian scientific expedition to Arnhem land. Art, myth and symbolism, by Charles P. Mountford. (Records, 1) Melbourne univ. press '56 p505-8
Carter, Dagny (Olsen). *Symbol of the beast; the animal-style art of Eurasia*. Ronald '57 p 173-91
Christensen, Erwin Ottomar. *Primitive art*. Crowell '55 p367-76
Covarrubias, Miguel. *Indian art of Mexico and Central America*. Knopf '57 p335-60
Graziosi, Paolo. *L'arte dell'antica età della pietra*. Sansoni '56 p237-50
Jefferson, C. *Dendrogyphs of the Chatham islands*. Polynesian Soc J 64:440-1 D '55
Levine, M. H. *Prehistoric art and ideology*. Am Anthropol 59:963-4 D '57
Riley, Olive Lasette. *Masks and magic*. Studio; Crowell '55 p 122
Swoboda, K. M. *In den jahren 1950-1954 erschienene werke zur kunst der prähistorie und des alten Orients*. Kunstgesch Anz 1 no 1/2:3-77 '55
See also
Art, African
Indians—Art
Indians of Central America—Art
Indians of Mexico—Art
Indians of North America—Art
Indians of South America—Art
- ART, Renaissance**
Hartt, Frederick. *Giulio Romano*. Yale univ. press '58 2v v 1, p331-9
- ART, Roman**
Chamoux, F. *Chronique de l'art ancien et moderne*; Grèce et Rome. R des Arts 5: 189-92 S '55
Ryberg, I. S. *Rites of the state religion in Roman art*. Am Acad Rome Mem 22:213-16 '55
- ART and culture**
Levine, M. H. *Prehistoric art and ideology*. Am Anthropol 59:963-4 D '57
- ART and literature**
New York (city). *Public library. Literature and the other arts*; a sel. bibliog. 1952-1958; comp. by Alfred R. Neumann and ed. by David V. Erdman. The library '59 39p annot
- ART and mental illness**
Jakab, Irén. *Zeichnungen und gemälde der geisteskranken; ihre psychiatrische und künstlerische analyse*; künstlerischer bearbeiter: Franz Martyn. Verlag der Ungarischen akad. der wissenschaften '56 p 164-8
—Same; with title: *Dessins et peintures des aliénés; analyse au point de vue psychiatrique et artistique; conseils artistiques*: François Martyn. Maison d'édition de l'Acad. des sciences de Hongrie '56 p 141-5
Volmat, Robert. *L'art psychopathologique*. (Bibliothèque de psychiatrie) Presses univ. de France '56 p267-303
- ART and religion**
See also
Idols and images
- ART education**. See Art—Study and teaching
- ART industries and trade**
Comstock, Helen, ed. *Concise encyclopedia of American antiques*. Hawthorn bks. '58 2v incl bibliog
United States. *International cooperation administration*. Office of industrial resources. *Selected bibliographies on manual industry methods and equipment*. (Small industry ser; Cottage industries bul. no6) The office '56 54p
- ART nouveau (movement)**
Grady, J. *Bibliography of the art nouveau*. Soc Arch Hist J 14:19-27 My '55
Hatle, Ingomar. *Gustav Klimt, ein Wiener maler des jugendstils*. The author '55 p 125-6
Madsen, Stephan Tschudi. *Sources of art nouveau*; English tr. by Ragnar Christophersen. Wittenborn '56 p451-70
- ART objects**
See also
Antiques
Jade
- ART objects, Buried**. See Treasure trove

ART treasures in war

Günther-Hornig, Margot. Kunstschutz in den von Deutschland besetzten gebieten. 1939-1945. (Studien zu den deutschen Besetzungen im 2. Weltkrieg, no 13) Institut für Besatzungsfragen '58 p vii-xx

Noblecourt, A. Protection of cultural property in the event of armed conflict; tr. from the author's original French text of Aug. 1956. (Museums and monuments, 8) UNESCO '58 p343-6

ARTERIAL grafts

Edwards, William Sterling. Plastic arterial grafts. Thomas '57 incl bibliog

Hallén, Lars Gunnar. Methods of preservation and fate of homologous arterial grafts; an experimental study in dogs [tr. by L. James Brown] (Sup 204) Acta chirurgica Scandinavica '55 p67-72

ARTERIES

See also

Blood vessels

Pulmonary artery

Diseases

Askey, John Martin. Systematic arterial embolism; pathogenesis and prophylaxis. (Modern medical monographs, 14) Grune '57 p 139-53

Ferrand, Jacques, and Elbaz, Claude. La surrénalectomie bilatérale dans le traitement des artériettes malignes; préf. du professeur P. Goinard. Expansion scientifique française '58 p203-22

See also

Arteriosclerosis

Surgery

Ekström, Gunnar. Surgical treatment of patent ductus arteriosus; a clinical study of 290 cases [tr. by Rae McVeigh] (Sup 169) Acta chirurgica Scandinavica '52 p 179-97

Göthman, Bengt. Experimental and clinical studies on the reconstruction of arterial defects [tr. from the Swedish by Erica Odelberg] (Sup218) Acta chirurgica Scandinavica '56 p59-64

Göthman, Bengt, and Hierton, Tor. Clinical use of arterial homographs. (Sup215) Acta chirurgica Scandinavica '56 p45-8

ARTERIOSCLEROSIS

Kummerow, F. A. Role of butterfat in nutrition and in atherosclerosis. J Dairy Sci 40: 1358-9 O '57

National research council. Division of medical sciences. Symposium on atherosclerosis, held under the auspices of the Division at the request of the Human factors div, Air force directorate of research and development, 22-23 March, 1954. (Pub. 338) The division '54 incl bibliog

Page, Irvine Heinly, ed. Chemistry of lipides as related to atherosclerosis; a symposium. Thomas '58 incl bibliog

Passananti, G. T. and others. Effects of supplementary methionine and choline on tissue lipides and on the vascular structure of cholesterol-fed growing rats. J Nutrition 66:72-3 S '58

Rizler, Seymour H. Clinical aspects of arteriosclerosis. Thomas '57 incl bibliog

ARTHOSTRACA

See also

Amphipoda

ARTHRITIS

Brugsch, Heinrich G. Rheumatic diseases, rheumatism and arthritis. Lippincott '57 incl bibliog

Short, Charles Lyman, and others. Rheumatoid arthritis; a definition of the disease and a clinical description based on a numerical study of 293 patients and controls. Harvard univ. press '57 p421-57

Talbot, John Harold. Gout and gouty arthritis. (Modern medical monographs, 7) Grune '53 p83-7

Talbot, John Harold, and Lockie, Louis Maxwell, eds. Progress in arthritis. Grune '58 incl bibliog

ARTHROPLASTY

Kallio, Erkki. Skin arthroplasty of the hip joint and corresponding alloplastic methods in the light of a clinical study; tr. into English by Elvi Kaukokallio. (Acta orthopaedica Scandinavica. Sup30) Munksgaard '58 p93-9

Kettunen, Kauko O. Skin arthroplasty in the light of animal experiments with special reference to functional metaplasia of connective tissue [tr. by Aune Tuomikoski] (Acta orthopaedica Scandinavica. Sup29) Munksgaard '58 p71-5

Walldius, Börje. Arthroplasty of the knee using an endoprosthesis; tr. from the Swedish by Erica Odelberg. (Sup24) Acta orthopaedica Scandinavica '57 p 110-12

ARTHROPODA

Edney, E. B. Water relations of terrestrial arthropods. (Cambridge monographs in experimental biology, no5) Cambridge '57 p94-105

Krishnan, G. Nature and composition of the epicuticle of some arthropods. Physiol Zool 29:336-7 O '56

Snodgrass, Robert Evans. Evolution of arthropod mechanisms. (Smithsonian misc. colls. v 138, no2) Smithsonian inst. '58 p71-7

Tiegs, O. W. and Mantion, S. M. Evolution of the arthropoda. Cambridge Philos Soc Biol R 33:325-33 Ag '58

See also

Arachnida

Crustacea

Insects

ARTHROPODA, Fossil

Rhodes, F. H. T. and Willson, A. A. Arthropod species anthrapalaemon dubius and related forms. J Paleont 31:1165-6 N '57

See also

Eurypterida

ARTHUR, king of Britain, 6th cent

Bibliography of critical Arthurian literature for the year, 1954[-1958] Mod Lang Q 16: 149-69; 17:128-52; 18:132-55; 19:160-82; 20: 145-66 Je '55, Je '56, Je '57, Je '58, Je '59

International Arthurian society. Bulletin bibliographique, no 7-10) The society '55- '58 4v

Malory, Sir Thomas. King Arthur and his knights; sel. from the works of Sir Thomas Malory; ed. with an introd. and notes by Eugene Vinaver. (Riverside eds) Houghton '56 p 163-6

Malory, Sir Thomas. Tale of the death of King Arthur; ed. by Eugene Vinaver. Oxford '55 p 135-7

Nitze, William Albert, and Williams, Harry Franklin. Arthurian names in the Perceval of Chrétien de Troyes; analysis and commentary. (Calif. Univ. Pubs. in modern philology, v38, no3) Univ. of Calif. press '55 p295-7

ARTICULATION (education)

Florida. State university. Tallahassee. Office of institutional research and service. High school-college articulation; a selected and annotated bibliography. The office '58 27p

ARTIFICIAL blood circulation. See Blood—

Circulation, Artificial

ARTIFICIAL impregnation. See Impregnation, Artificial

ARTIFICIAL limbs

New York university. College of engineering. Research division. Functional and psychological suitability of an experimental hydraulic prosthesis for above-the-knee amputees. (Rep. no 115.15) Prosthetic devices study '53 incl bibliog

ARTIFICIAL respiration. See Respiration, Artificial

ARTIFICIAL satellites. See Satellites, Artificial

ARTIFICIAL stomach. See Stomach, Artificial

ARTIGAS, José Llorens. See Llorens Artigas, J.

ARTILLERY

Parrino, Michael F. Introduction to pack transport and pack artillery; the role of the mule, past and present, in war and peace. Queensland pub. co. '56 p 149-55

See also

United States—Army—Artillery

ARTISTIC anatomy. See Anatomy, Artistic

ARTISTS

Eiduson, B. T. Artist and nonartist: a comparative study. J Personality 26:26-8 Mr '58

Farnum, Royal Bailey. Fine and applied arts. rev. ed (Vocational and professional monographs, no36) Bellman '58 p35-9

See also

Creation (literary, artistic, etc)

ARTISTS, American

New York historical society. Dictionary of artists in America, 1564-1860, by George C. Groce and David H. Wallace. Yale univ. press '57 p713-59

ARTISTS, French

Wildenstein, G. Les sources d'information sur les artistes provinciaux français. Gaz Beaux-Arts 52:95-104 J1 '58

ARTISTS' materials

- Bazzi, Maria. *Abecedario pittorico*. (La Vostra via, v 19) Longanesi '56 p281-313
 Mayer, Ralph. *Artist's handbook of materials and techniques*. rev ed Viking '57 p675-96
 annot

ARTS and crafts

- Farnum, Royal Bailey. *Fine and applied arts*. rev ed (Vocational and professional monographs, no 36) Bellman '58 p35-9
 Hammett, Catherine Tilley, and Horrocks, Carol M. *Creative crafts for campers*. Assn. press '57 incl bibliog
 Hull, Opal. *Creative crafts for churches*. Warner press '58 p59-63
 Library association. *County libraries section*. Handicrafts. 2d ed (Readers' guide, new ser, no7) The section '56 39p
 Murphy, Corinne. *Exploring the hand arts*. Girl scouts of Am. '55 p 105-16
 Staudte, Emma. *How to make it; a bibliog. of free and inexpensive materials dealing with arts and crafts*. rev ed Curriculum laboratory, Teachers college, Temple univ. '55 20p annot
See also

- Glassware
 Handicrafts
 Illumination of books and manuscripts
 Lacquer and lacquering
 Pottery
 Silk screen printing
 Tapesry
 Wood carving

ARUBA, West Indies, Netherlands

- Hartog, Johannes. *Aruba: zoals het was, zoals het werd; van de tijd der Indianen tot op heden*. Gebroeders De Witt '54 p470-6

ARX, Urs Joseph Nikolaus von, 1755-1833

- Ildefons von Arx. 1755-1833: bibliothekar, archivär, historiker zu St Gallen und Olten; gedenkschrift zum anlass seines 200. geburstages. (Olten, Switzerland. Stadt-archiv. Pub. no4) Walter-verlag '57 p406-8

ARYAN languages. See Indo-European languages**ARYAN philology. See Indo-European philology****ASBESTOS**

- Avery, Ruth B. and others. *Selected annotated bibliography of asbestos resources in the United States and Canada*. (Bul. 1019L) U.S. Geological survey '58 48p
 Bowles, Oliver. *Asbestos industry*. (U.S. Bur. of mines. Bul. 552) U.S. Gov. ptg. office '55 p 108-10

- Rosato, D. V. *Asbestos: its industrial applications*. Reinhold '59 p201-7

- South Australia. *Geological survey*. Department of mines. *Asbestos*. (Abstract bul. no 11) The department '56 3p annot

ASCENSION of Christ. See Jesus Christ—Ascension**ASCH, Shalom, 1880-1957**

- Cohen, L. O. *Shalom Ash in English translation; a bibliography*. Bul Bibliog 22:109-11 Ja '59

ASCIDIANS

- Endean, R. *Studies of the blood and tests of some Australian ascidians*. Australian J Marine & Freshwater Res 6:56-9, 155-6, 163 F Ag '55

- Kott, P. *Ascidians of Australia*. Australian J Marine & Freshwater Res 8:107-9 F '57

- Scott, Sister F. M. *Metamorphic differentiation in amaroeicum constellatum treated with nitrogen mustard*. J Exp Zool 127: 357-3 N '54

- Tokloka, Takashi. *Ascidians of Sagami bay, collected by His Majesty the Emperor of Japan*; ed. by Hirotaro Hattori. Iwanami Shoten '53 p299-305

ASCOMYCETES

- Cain, R. F. *Studies of coprophilous ascomycetes*. Can J Bot 34:684, 695, 705; 35:130-1, 264 J1 '56. Ja. My '57

- Lutterell, E. S. *Asciostromatic ascomycetes*. Mycologia 47:530-2 J1 '55

See also

Neurospora

ASCORBIC acid

- Medical research council (Great Britain) *Accessory food factors committee*. *Vitamin C requirement of human adults; a rep. by the Vitamin C Subcom. and A. E. Barnes [and others] comp. by W. Bartley [and others]* (Medical research council. Special rep. ser, no280) H.M.S.O. '53 p 176-9
See also

Plants—Ascorbic acid content

ASIA

- American library association. *Young adult services division*. *Richer by Asia; a sel. bibliog. of bks. and other materials for promoting West-East understanding among young adults*. A.L.A. '59 64p annot

Asien-bibliographie. Asien-bücherei. See numbers

- Bibliography of Asian studies 1954[-1958] J Asian Stud 14:621-729; 15:659-812; 16:689-957; 17:679-833; 18:551-711 S '55. S '56, S '57, S '58, S '59 annot

Books and periodicals. See numbers of United Asia

- Columbia university. Libraries. East Asiatic library. *Columbia university masters' essays and doctoral dissertations on Asia, 1875-1956*. The library '57 96p

- Garde, P. K. *Directory of reference works published in Asia*. Répertoire des ouvrages de référence publiés en Asie. (UNESCO bibliog. handbks, 5) UNESCO '56 139p

Geographical association. Library. *Library catalogue of the Geographical association: Asia*. The association '55 44p

- Ginsburg, Norton Sydney, ed. *Pattern of Asia* [co-auths: John E. Brush and others] Prentice-Hall '58 incl bibliog

- Jacobs, Norman. *Origin of modern capitalism and Eastern Asia*. Hong Kong univ. press '58 p221-31

- Kublin, Hyman. *Asia; an introd. reading guide*. Asia soc. '58 21p annot

- United States. National commission for the United Nations educational, scientific and cultural organization. *Selected bibliography of books, films, filmslides, records, and exhibitions about Asia*. The commis

sion '57 47p

Antiquities

- Chard, C. S. *Northeast Asia. Asian Perspect* 1:18-23 Summer '57

- Chêng, Tê-k'ün. *Archaeological studies in Szechwan; conducted under the auspices of the Harvard-Yenching inst. and the West China Union univ*. Cambridge '57 p 178-96

Commerce

- Netherlands. *Economische voorlichtingsdienst*. Bibliotheek. *Export naar Zuid- en Zuid-Oost Azie; literatuuroverzicht*. The library '56 10p

Description and travel

- Olschki, Leonardo. *L'Asia di Marco Polo: introduzione alla lettura e allo studio del Milione*. (Biblioteca storica Sansoni. new ser. v30) Sansoni '57 p452

Economic conditions

- United nations. *Economic commission for Asia and the Far East*. Library. *Asian bibliography*. The library. See numbers

History

- Thomson, Ian. *Rise of modern Asia*. Pitman '58 p253-4

Politics

- Battistini, Lawrence Henry. *United States and Asia*. (Bks. that matter) Praeger '55 p345-51

- Cameron, Meribeth E. *China, Japan, and the United States; a study guide*. Am. assn. of univ. women '56 12p annot

- Eudin, Xenia Joukoff, and North, Robert Carver. *Soviet Russia and the East, 1920-1927; a doc. survey*. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Pub. no25) Stanford univ. press '57 p405-55

- Indian council of world affairs. Library. *Documents on Asian affairs; sel. bibliog*. 1957. (V 1) (Bibliog. ser, 5) The council '59 150p

- Kahn, George McTurnan, ed. *Major governments of Asia*, by Harold C. Hinton [and others] Cornell univ. press '58 incl bibliog annot

- Levi, Werner. *Australia's outlook on Asia*. Mich. state univ. press '58 p225-35

- Wade, William W. ed. *U.S. policy in Asia*. (Reference shelf, v27, no6) Wilson '55 p 185-91

Social conditions

- South Asia social science bibliography, 1952 [-1958] (No 17) Research centre on the social implications of industrialization in Southern Asia, UNESCO '54-'59 7v

ASIA, Central

- Central Asian research centre. *Bibliography of recent Soviet source material on Soviet Central Asia and the borderlands*. (Central Asian review. Sups, no 1) The center '57 27p

ASIA, Central—Continued

History

Park, Alexander Garland. Bolshevism in Turkestan, 1917-1927. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p389-412

Native races

Krader, L. Ecology of central Asian pastoralism. *Sw J Anthropol* 11:324-6 Winter '55

ASIA, Southeastern

Cornell university. Department of Far Eastern studies. Southeast Asia program. Recent studies and materials on Southeast Asia, 1950-1955. The program '55 11p

Embree, John Fee. Southeast Asia; a sel. bibliography. *Am. inst. of Pacific relations* '55 31p

Fifield, Russell Hunt. Diplomacy of southeast Asia; 1945-1958. Harper '58 p520-66

Hobbs, Cecil Carlton. Account of a trip to the countries of southeast Asia for the Library of Congress, 1952-1953. (Data paper no 11) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '53 89p

Institute of Pacific relations. Books on Southeast Asia; a sel. bibliog. comp. with a foreword by Bruno Lasker. 4th rev ed *Am. inst. of Pacific relations* '56 43p

—Same; rev. ed. with sups. covering the period June 1956 to March 1959. *Am. inst. of Pacific relations* '59 62p

Irikura, James K. Southeast Asia: sel. annot. bibliog. of Japanese publications. (Behavior science bibliogs) Southeast Asia studies, Yale univ; Human relations area files '56 544p

London. University. School of Oriental and African studies. Library. Monthly list of periodical articles on the Far East and South Asia. The library. See numbers

Annual cumulation with title: Far East and Southeast Asia; a cumulated list of periodical articles

McVey, Ruth Thomas. Bibliography of Soviet publications on Southeast Asia, as listed in the Library of Congress monthly index of Russian acquisitions. (Data paper, no34) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '59 109p

Oey, Giok Po. Survey of Chinese language materials on southeast Asia in the Hoover institute and library. (Data paper no8) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '53 73p

Pelzer, Karl Josef. Selected bibliography on the geography of Southeast Asia. Southeast Asia studies, Yale univ. '49-'56 3v

Thomas, Winburn T. & Manikam, Rajah Bhushanam. Church in southeast Asia; with an introd. by Frank T. Cartwright. Friendship press '56 p 169-71

Economic conditions

Silcock, T. H. Commonwealth economy in Southeast Asia. (Duke univ. Commonwealth-studies center. Pub. no 10) Duke univ. press '59 p216-50 annot

History

Hall, Daniel George Edward. History of south-east Asia. St Martin's '55 p763-89

Politics

Kahin, George McTurnan, ed. Governments and politics of Southeast Asia; contributors: David A. Wilson [and others] Cornell univ. press '59 incl bibliog annot

King, John Kerry. Southeast Asia in perspective. Macmillan '56 p303-4

Thompson, Virginia McLean, and Adloff, Richard. Minority problems in southeast Asia. Stanford univ. press '55 p287-9

Vandenbosch, Amry, and Butwell, Richard A. Southeast Asia among the world powers. Univ. of Ky. press '57 p327-31 annot

ASIA, Southern

Rubinstein, A. Z. Selected bibliography of Soviet works on southern Asia, 1954-56. *J Asian Stud* 17:43-54 N '57

Wilson, Patrick. South Asia; a sel. bibliog. on India, Pakistan, Ceylon. *Am. inst. of Pacific relations* '57 41p annot

Wilson, P. Survey of bibliographies on Southern Asia. *J Asian Stud* 18:365-76 My '59

ASIA, Southwestern

Field, Henry. Ancient and modern man in southwestern Asia. Univ. of Miami press '56 incl bibliog

Field, Henry. Bibliography on southwestern Asia. Univ. of Miami press '53-'58 5v

Antiquities

Field, Henry. Ancient and modern man in southwestern Asia. Univ. of Miami press '56 incl bibliog

ASIA MINOR

Stark, Freya. Lycian shore. Harcourt '56 p 194-5

Description and travel

Stark, Freya. Alexander's path from Caria to Cilicia. Harcourt '58 p269-72

ASPARAGUS

Diseases and pests

Hepler, Paul Raymond. Inheritance of resistance to asparagus rust; results of recent investigations in Illinois. (Bul. 607) Agricultural experiment station, Univ. of Ill. '57 p45-7

ASPERGILLUS

Mulder, E. G. Molybdenum in relation to growth of higher plants and micro-organisms. *Plant & Soil* 5:413-15 O '54

Raper, K. B. Nomenclature in aspergillus and penicillium. *Mycologia* 49:660-2 S '57

ASPHALT

National research council. Highway research board. Effects of chlorination and Micro-organisms and Constituents of asphalts [papers] presented at the 34th annual meeting, Jan 11-14, 1955. (Bul. 118) The board '56 p 11-12, 25-6

National research council. Highway research board. Rheological and adhesion characteristics of asphalt (papers) presented at the 37th annual meeting, Jan. 8-10, 1958. (Bul. 192) The board '58 incl bibliog

Vito, L. de, and Ravaglioli, U. Applicazioni del bitume nelle opere idrauliche. *Acqua* 36: 109-10, 128 J1-S '58

ASPHYXIA

See also

Respiration, Artificial

ASPIRATION level

Siegel, S. Level of aspiration and decision making. *Psychol R* 64:261-2 J1 '57

ASSEMBLY line methods

Woollard, Frank G. Principles of mass and flow production. *Philosophical lib.* '55 p 188-91

See also

Automation

ASSES and mules

McKnight, T. L. Feral burro in the United States: distribution and problems. *J Wildlife Mgt* 22:178-9 Ap '58

Parrino, Michael F. Introduction to pack transport and pack artillery; the role of the mule, past and present, in war and peace. Queensland pub. co. '56 p 149-55

ASSESSMENT

National association of assessing officers. Assessment study guide. 3d ed The association '55 52p annot

Taylor, C. C. and Aull, G. H. Assessment of farm real estate for tax purposes in South Carolina. (Bul. 416) South Carolina agricultural experiment station, Clemson agricultural college '54 p30-1

ASSIMILATION. See Plants—Assimilation

ASSIS, Joaquim Maria Machado de. See Machado de Assis, J. M.

ASSOCIATION (psychology)

See also

Similarity (psychology)

ASSOCIATION (statistics)

Goodman, L. A. and Kruskal, W. H. Measures of association for cross classifications. *Am Stat Assn J* 54:156-63 Mr '59

ASSOCIATION, Freedom of. See Freedom of association

ASSOCIATIONS, Trade. See Trade associations

ASSURANCE (insurance) See Insurance

ASSYRIA

Antiquities

Pallis, Svend Aage Frederik Dichmann. Antiquity of Iraq; a handbk. of assyriology. Munksgaard '56 p749-70

ASSYRIOLOGY

Bibliographie analytique de l'assyriologie et de l'archéologie du Proche-Orient, 1954-1955. (V 1 secPh) Brill '57 108p

ASSYRO-BABYLONIAN language

See also

Sumerian language

ASTHMA

Lerner, R. Bronchial asthma and asthmatic bronchitis in the chemical industry. *Ind Med* 24:458 O '55Scheepers, G. W. H. Industrial asthma and bronchitis. *Ind Med* 24:60-1 F '55

Speer, Frederic. Management of childhood asthma. Thomas '58 p 105-11

Wyss, Franz. Asthma bronchiale; mit einem vorwort von W. Hadorn. Thieme '55 p 111-16

ASTROLOGY

Carmody, Francis James. Arabic astronomical and astrological sciences in Latin translation; a critical bibliography. Univ. of Calif. press '56 193p

Neugebauer, Otto, and Van Hoesen, Henry Bartlett. Greek horoscopes. (Memoirs, v48) Am. philosophical soc. '59 p201-10

Zinner, Ernst. Stars above us; or, The conquest of superstition; tr. by W. H. Johnston. Scribner '57 p 126-33

ASTRONAUTICS. See Space flight

ASTRONOMICAL instruments

Zinner, Ernst. Deutsche und niederländische astronomische instrumente des 11.-18. jahrhunderts. Beck '56 p617-27

ASTRONOMICAL models

Rice, Howard Crosby. Rittenhouse orrery; Princeton's eighteenth-century planetarium, 1767-1954; a commentary on an exhibition held in the Princeton university library. Princeton univ. lib. '54 p76-81

ASTRONOMICAL physics. See Astrophysics

ASTRONOMY

Baker, Robert Horace. Astronomy; a textbk. for univ. and college students. 6th ed Van Nostrand '55 p515-18

—Same; 7th ed Van Nostrand '59 incl bibliog
Baker, Robert Horace. Introduction to astronomy. 5th ed Van Nostrand '57 incl bibliog

Beer, Arthur, ed. Vistas in astronomy. (Journal of atmospheric and terrestrial physics. Special sup. no3) Pergamon press '55 incl bibliog

Beet, Ernest Agar. Teaching astronomy in schools. Cambridge '56 p64-70 annot

Bok, Bart Jan. Astronomer's universe. Cambridge '58 p97-100 annot

Clason, Clyde B. Exploring the distant stars; thrilling adventures in our galaxy and beyond. Putnam '58 p365-9

French bibliographical digest; no 12 (ser2) Science: astronomy. French cultural services of New York '54 114p annot

Library association. County libraries section. Astronomy. (Readers' guide, new ser. no42) The section '57 15p

Mattersdorf, Leo. Insight into astronomy. new rev ed Lantern press '59 p245-7

Meurers, Joseph. Astronomische experimente; eine sammlung und ein kritischer überblick. (Scientia astronomica; monographien aus dem gesamtbereich der astronomie und kosmischen physik, v3) Akademie-verlag '56 p76-9

Moore, Patrick. Amateur astronomer. Norton '57 p323-6

Neal, Harry Edward. Telescope. Messner '58 p 182-5

Pickering, James Sayre. 1001 questions answered about astronomy. (1001 questions answered ser) Dodd '58 p399-402

Prague. Městská lidová knihovna. Astronomie; výběrový seznam populárně vědecké literatury; připravil Miroslav Petrtýl. The library '55 13p

Smith, Joseph Russell. Teaching a unit in astronomy; grades 1-9. Vantage '58 p98-103, 112-13 annot

United States. Superintendent of documents. Weather, astronomy and meteorology. (Price list 48, 47th ed) U.S. Gov. ptg. office '59 19p

Whipple, Fred L. ed. New horizons in astronomy. (Smithsonian contributions to astrophysics, v 1, no 1) Smithsonian inst. '56 incl bibliog

See also

Astrology

Astrophysics

Calendar

Cosmogony

Earth

Geodesy

Meteorites

Meteors

Milky way

Nebulae

Planets

Radio astronomy

Solar system

Stars

Sun

Tides

Zodiacal light

History

Reichel, Max. Die fortlaufenden astronomischen veröffentlichungen in ihrer geschichtlichen entwicklung mit einer gesamtbiographie. (Cologne. Bibliothekar-lehrinst. des Landes Nordrhein-Westfalen, Arbeiten, no 12) Greven-verlag '57 p41-124

Vaucouleurs, Gérard de. Discovery of the universe; an outline of the history of astronomy from the origins to 1956 [tr. of L'esprit de l'homme à la conquête de l'univers] Faber '57 p309-13

Periodicals

Reichel, Max. Die fortlaufenden astronomischen veröffentlichungen in ihrer geschichtlichen entwicklung mit einer gesamtbiographie. (Cologne. Bibliothekar-lehrinst. des Landes Nordrhein-Westfalen, Arbeiten, no 12) Greven-verlag '57 p41-124

ASTRONOMY, Ancient

Neugebauer, Otto. Exact sciences in antiquity. 2d ed Brown univ. press '57 incl bibliog annot

ASTRONOMY, Arabic

Carmody, Francis James. Arabic astronomical and astrological sciences in Latin translation; a critical bibliography. Univ. of Calif. press '56 193p

ASTRONOMY, Assyro-Babylonian

Neugebauer, Otto, ed. Astronomical cuneiform texts; Babylonian ephemerides of the Seleucid period for the motion of the sun, the moon, and the planets. Lund Humphries '55 3v v2, p461-6

ASTROPHYSICS

Dufay, Jean. Galactic nebulae and interstellar matter; tr. by A. J. Pomerans. Philosophical lib. '57 p329-43

Rice, M. L. Recent literature on solar astrophysics. Meteorol Abst & Bibliog 9: 192-222 F '58

ASYLUM, Right of

Moreno Quintana, Lucio Manuel. Derecho de asilo. (Buenos Aires. Univ. nacional. Inst. de derecho int. Pub. no5) Impr. de la universidad '52 p 117-20

Ungerer, Werner. Das diplomatische asyl in deutschen vertretungen Lateinamerikas. (Hektographierte veröffentlichungen, no22) Forschungsstelle für völkerrecht & ausländisches öffentliches recht, Univ. Hamburg '55 p 106-8

ATATÜRK, Kamâl, 1880-1938

Mercanligil, Muharrem Dođdu. Atatürk ve devrim kitapları katalođu. Catalogue des ouvrages concernant Atatürk et la révolution turque. Catalogue of books on Atatürk and the Turkish revolution. Verzeichnis der bücher über Atatürk und die türkische revolution. (Bitlis ili kültür ve eğitim derneđi yayınlarından, no 1) Yeni matbaa '53 95p

L'ATELIER (periodical)

Cuvillier, Armand. Un journal d'ouvriers; l'Atelier, 1840-1850; préf. de C. Bouglé; avant-propos d'Édouard Dolléans. (Coll. Masses et militants) Editions ouvrières '54 p210-21

ATHANASIUS, Saint, 297?-373

Bernard, Régis. L'image de Dieu d'après saint Athanase. (Théologie, 25) Aubier '52 p 149-52

ATHAPASCAN Indians

See also

Navaho Indians

ATHAPASCAN languages

Holjer, H. Athapaskan kinship systems. Am Anthropol 58:332-3 Ap '56

ATHLETES

Booth, E. G. Personality traits of athletes as measured by the MMPI. Res Q 29:137-8 My '58

Montoye, Henry J. and others. Longevity and morbidity of college athletes; with contributions by Grover W. Mueller [and others] Phi Epsilon Kappa fraternity '57 p 137-9

ATHLETICS

Redman, A. B. Classified list of current periodicals in the fields of athletics, health, physical education, and sports published in the United States and Canada. *Phys Educ* 13:14-18, 54-9 Mr-May '56

See also

Physical education and training
School athletics
Sports
Track athletics
Wrestling

ATKINSON, George Francis, 1854-1918

Thom, C. George Francis Atkinson, 1854-1918. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p35-44)

ATLANTIC Provinces. See Maritime Provinces. Canada

ATLASSES

Kormoss, I. B. F. Atlas scolaires européens; essai de bibliog. critique. (Bibliog. belgica 23) Comm. belge de bibliog. '57 39p annot
Rand McNally and company. Atlas of world history; ed. by R. R. Palmer; contributing eds: Knight Biggerstaff [and others] (Rand McNally history ser) Rand McNally '57 p 192 annot

United States. Library of Congress. Map division. List of geographical atlases in the Library of Congress; v5, Titles 5325-7623; with bibliog. notes (a continuation of four vols. by Philip Lee Phillips) comp. by Clara Egli LeGear, U.S. Gov. ptg. office '58 666p

ATMOSPHERE

American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

Burdecki, F. A. Study of the heat field of the atmosphere. *J Meteorol* 14:233-4 Je '57
Fonselius, S. and others. Carbon dioxide variations in the atmosphere. *Tellus* 8:182-3 My '56

Gegen, J. L. Black-ball observation and the radiation chart. *J Meteorol* 15:367-8 Ag '58
Jenkinson, A. F. Average vector wind distribution of the upper air in temperate and tropical latitudes. *Meteorol Mag* 84:147 My '55

Kallmann, H. K. Preliminary model atmosphere based on rocket and satellite data. *J Geophys Res* 64:623 Je '59

Löbsack, Theo. Our atmosphere; tr. from the German by E. L. [Rewald] and D. Rewald. Pantheon bks. '59 p247-61

Loewe, F. Some early observations of the free atmosphere in high latitudes. *Meteorol Mag* 86:277-3 S '57

Nupen, W. Annotated bibliography on propagation of uhf, vhf, and shf waves through the troposphere. *Meteorol Abst & Bibliog* 8:1243-73; 1374-1418 S-O '57

Ohring, G. Radiation budget of the stratosphere. *J Meteorol* 15:450-1 O '58

Orr, Clyde. Between earth and space. Macmillan '59 p235-45

Panara, R. Annotated bibliography on cosmic rays in the atmosphere (1956-1958) *Meteorol Abst & Bibliog* 9:1141-62 S '58

Revelle, R. and Suess, H. E. Carbon dioxide exchange between atmosphere and ocean and the question of an increase of atmospheric CO₂ during the past decades. *Tellus* 9:27 F '57

Saltzman, B. Equations governing the energetics of the larger scales of atmospheric turbulence in the domain of wave number. *J Meteorol* 14:523 D '57

Stepanova, N. A. Selective annotated bibliography on nuclei in the atmosphere, section A <1841-1950> *Meteorol Abst & Bibliog* 6:1163-97 Ag '55

Sutcliffe, R. C. Water balance and the general circulation of the atmosphere. *Roy Meteor Soc Q J* 82:394-5 O '56

Thuronyi, G. Annotated bibliography on radioactivity in the atmosphere. *Meteorol Abst & Bibliog* 7:616-57 My '56

—Supplement. *Meteorol Abst & Bibliog* 9:324-66 Mr '58

See also

Ozone

ATMOSPHERE, Upper

American academy of arts and sciences. Boston. Atmospheric explorations; papers of the Benjamin Franklin memorial symposium of the Academy; ed. by Henry G. Houghton. (Technology press bks. in science and engineering) Mass. inst. of technology; Wiley '58 incl bibliog

Booker, H. G. Use of radio stars to study irregular refraction of radio waves in the ionosphere. *Inst Radio Eng Proc* 46:313-14 Ja '58

Boyd, R. L. F. and Seaton, M. J. eds. Rocket exploration of the upper atmosphere. (Journal of atmospheric and terrestrial physics. Special sup, v 1) Pergamon '54 incl bibliog

Jenkins, C. F. Survey of available information on winds above 30,000 feet. (Air force surveys in geophysics, no24) Geophysics research directorate, Cambridge research center, U.S. Air force '52 p30-5

Koteswaram, P. Easterly jet stream in the tropics. *Tellus* 10:56-7 F '58

Lehnert, B. Magneto-hydrodynamic waves in the ionosphere and their application to giant pulsations. *Tellus* 8:251 My '56

Little, C. G. and others. Review of ionospheric effects at vhf and uhf. *Inst Radio Eng Proc* 44:1015-18 Ag '56

Matsushita, S. Study of the morphology of ionospheric storms. *J Geophys Res* 64:320-1 Mr '59

Miller, Lewis E. Sodium in the upper atmosphere. (Air force surveys in geophysics, no43. Technical rep. 53-47) Geophysics research directorate, Cambridge research center, U.S. Air force '53 incl bibliog

Mitra, A. P. Time and height variations in the daytime processes in the ionosphere. *J Geophys Res* 64:742-3 Jl '59

Pant, P. S. Circulation in the upper atmosphere. *J Geophys Res* 61:472-4 S '56

Rastogi, R. G. Diurnal development of the anomalous equatorial belt in the F2 region of the ionosphere. *J Geophys Res* 64:731-2 Jl '59

Rigby, M. and Rice, M. L. Selective annotated bibliography on ionosphere propagation. *Meteorol Abst & Bibliog* 6:489-547 Ap '55

Shearman, E. D. R. Technique of ionospheric investigation using ground back-scatter. *Inst Elec Eng Proc* 103:221 Mr '56

Thuronyi, G. Annotated bibliography on the photochemistry of the upper atmosphere. *Meteorol Abst & Bibliog* 6:660-703 My '55

Van Allen, James Alfred, ed. Scientific uses of earth satellites. Univ. of Mich. press '56 incl bibliog

Vestine, E. H. Seasonal changes in day-to-day variability of upper air winds near the 100-km level of the atmosphere. *Am Geophys Union Trans* 39:222-3 Ap '58

Wexler, H. and others. Report of the Committee on the upper atmosphere. *Am Geophys Union Trans* 38:957-9 D '57

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

ATOMIC energy

- Atomic energy for peacetime use. Bsns Inf Sources 26:17-20 D '55 annot
- Brazil. Instituto brasileiro de bibliografia e documentação. Catálogo da Biblioteca de energia atômica. The institute '56-58 3v
- Carlsson, A. Atomenergi—kärnenergi; en litteraturorientering. Tids Dok 13 no 5:49-50+; 14 no 1:1-2+ '57-58
- European coal and steel community. High authority. Bibliothèque. Energie nucléaire, 1946-1957. Atomenergie. (Bibliogs. de la Haute autorité, 13) The library '58 82p
- Furney, C. Atomic energy literature since Hiroshima. Bks USA 1:483-7 N '57
- International conference on the peaceful use of atomic energy. Geneva, 1955. Proceedings. United nations '55-58 16v incl bibliog
- Kemp, Arthur. Role of government in developing peaceful uses of atomic energy. (Nat. economic problems ser, no461) Am. enterprise assn. '56 p48-51
- Kramish, Arnold, and Zuckert, Eugene M. Atomic energy for your business; today's key to tomorrow's profits. McKay '56 p244-7
- Kurdyumov, G. V. and others. Use of radioisotopes in the U.S.S.R. Int J Ap Rad & Isotopes 5:11-14 F '59
- Michigan. University. Library. Bibliography of current materials dealing with atomic power and related atomic energy subjects for non-specialists and lay persons, comp. by Jane E. Boswell. The university; Fund for peaceful atomic development '55 233p
- Murin, A. N. Soviet radiochemistry. Int J Ap Rad & Isotopes 5:18-20 F '59
- New England governor's conference. New England committee on atomic energy. Atomic energy and New England. The committee '55 p92-3
- United States. Atomic energy commission. Availability of USAEC research and development reports. 2d rev (TID-4550) Technical information service '54 incl bibliog
- United States. Atomic energy commission. Bibliographies of interest to the atomic energy program [comp. by Hugh E. Voress and Naomi K. Smelser] rev 1 (TID 3043) Technical information service '58 149p annot
- Same; comp. by Hugh E. Voress [and others] rev 1, sup 1 (TID-3043) Technical information service '59 74p annot
- United States. Atomic energy commission. Guide to atomic energy literature for the civilian application program. Technical information service '57 74p
- United States. Atomic energy commission. Nuclear science abstracts. The commission. See numbers
- United States. Atomic energy commission. Selected readings on atomic energy. rev ed U.S. Gov. ptg. office '58 74p
- United States. Atomic energy commission. What's available in the unclassified atomic energy literature. 4th rev (TID 4550) Technical information service extension '58 60p
- United States. Congress. Joint committee on atomic energy. Membership, legislation, and publications. U.S. Gov. ptg. office '58 15p
- United States. Superintendent of documents. Atomic energy and civil defense. (Price list 84, 4th ed) U.S. Gov. ptg. office '59 20p
- See also
- Nuclear engineering
- Nuclear fission
- Nuclear fusion
- Radioactive fallout

Economic aspects

- Banca nazionale del lavoro. Economia dell'energia atomica; rassegna bibliog. e di documentazione. 2d ed rev & enl The bank '57 54p

Industrial applications

See Atomic power

Physiological effect

See also

Atomic medicine

ATOMIC energy in agriculture

- Singleton, Willard Ralph. Nuclear radiation in food and agriculture. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '58 incl bibliog

ATOMIC mass

- Mainz, Max Planck-Institut für chemie. Nuclear masses and their determination; proceedings of the conference held in the Institute, Mainz, 10-12 July, 1956; ed. by H. Hintenberger. Pergamon '56 incl bibliog

ATOMIC medicine

- Claus, Walter Dunham, ed. Radiation biology and medicine; sel. reviews in the life sciences. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Rajewsky, Boris, and others. Wissenschaftliche Grundlagen des Strahlenschutzes. (Wissenschaftliche Bücherei. Bibliotheca biophysica) Braun '57 incl bibliog

ATOMIC piles. See Nuclear reactors**ATOMIC power**

- Alexandrides, C. G. Atomic energy as a means of economic development; a sel. bibliography. The author '57 40p
- Michigan. University. Library. Bibliography of current materials dealing with atomic power and related atomic energy subjects for non-specialists and lay persons, comp. by Jane E. Boswell. The university; Fund for peaceful atomic development '55 233p
- Munch, T. W. Suggestions for the study of nuclear energy in the secondary schools. School Sci & Math 57:726-8 D '57
- Tybout, Richard Alton. Atomic power and energy resource planning. (Research monograph no94) Bur. of business research, Ohio state univ. '58 p95-8
- United States. Atomic energy commission. Atomic energy facts; a summary of atomic activities of interest to industry. (Nuclear technology ser) U.S. Gov. ptg. office '57 incl bibliog
- United nations. Atomic energy commission. Index to documents, 1 January 1946 to 30 April 1951. (AEC/C.1/81/rev. 1) The commission '51 72p
- Same; with title: Index des documents, du 1. janvier 1946 au 30 avril 1951. (AEC/C. 1/81/rev. 1) The commission '51 75p
- Villar, Germán E. Energía atómica para la sora uruguaya '56 incl bibliog
- Villar, German E. Energía atómica para la paz. Impresora L.I.G.U. '56 incl bibliog
- See also
- Atomic bomb
- Atomic energy

International aspects

- See also
- Euratom (European atomic energy community)
- International control
- Mid-west debate bureau. International control of nuclear weapons; resolved: that the further development of nuclear weapons should be prohibited by int. agreement. (Debate handbk) The bureau '59 p39-60, 105-92 annot

Law and legislation

- Bibliography of atomic energy law articles, 1947-1959. Atomic Energy Law J 1:220-35 Spring '59

ATOMIC power industry

- Rochman, Arnold. Introduction to nuclear power costs. (Nuclear engineering monographs) Simmons-Boardman '59 p49-50

ATOMIC power plants

- Schultz, Mortimer A. Control of nuclear reactors and power plants. (McGraw-Hill ser. in nuclear engineering) McGraw '55 incl bibliog

ATOMIC powered rockets. See Rockets, Atomic powered**ATOMIC warfare**

- Dallin, Alexander. Red Star on military affairs, 1945-1952; a sel. annot. list of articles in the Soviet military newspaper. (Research memorandum, RM-1637) Rand corp. '56 48p
- Kissinger, Henry Alfred. Nuclear weapons and foreign policy; foreword by Gordon Dean; pub. for the Council on foreign relations. Harper '57 p437-55 annot
- National committee for a sane nuclear policy, incorporated. Bibliography on nuclear weapons, disarmament and peace. The committee '59 3p
- United States. Engineer school. Library. Nuclear warfare; a bibliog, June 1955-1956. The library '56 96p annot

ATOMIC weapons

- Biörklund, Elis. International atomic policy during a decade; an historical-political investigation into the problem of atomic weapons during the period 1945-55; tr. in Stockholm by Albert Read in cooperation with the author; the text has been brought up to date to June 1955. Van Nostrand '56 p 133-41

ATOMIC weapons—*Continued*

Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Deutsches und ausländisches schrifttum zur frage der abrüstung, 1945-1956; unter besonderer berücksichtigung des schrifttums zu den problemen der kernwaffen und der internationalen kontrolle der kernenergie. (Aktuelle bibliographien des Europa-archivs. no 13) The Institute '57 44p

Singh, Nagendra. Nuclear weapons and international law: pub. under the auspices of the Indian council of world affairs, New Delhi: Praeger '59 p261-2

ATOMIZATION

Pennsylvania. State university. Department of engineering research. Bibliography on sprays. 2d ed Technical & research div, Refining dept. Tex. co. '53 210p

ATOMS

Outline of atomic physics; collaborators on the 3d ed: Oswald H. Blackwood [and others] Wiley '55 p485-8

See also

Electrons
Ions
Molecules
Neutrons
Nuclear physics
Radicals (chemistry)

ATONEMENT

Lohse, Eduard. Märtyrer und gottesknecht; untersuchungen zur urchristlichen verkündigung vom sühndot Jesu Christi. (Forschungen zur religion und literatur des Alten und Neuen Testaments, no64 (new ser, no46)) Vandenhoeck & Ruprecht '55 p214-19

Nichols, James Albert. Critique of the theory of vital atonement. Vantage '55 p92-4

ATTENDANCE, School. See School attendance

ATTENTION

Furness, E. L. Remedial and developmental program in listening. *El Engl* 32:531-2 D '55

Kevin, Sister M. Have we overlooked listening? *Cath Sch J* 55:149 My '55 annot

Nichols, Ralph G. and Stevens, Leonard A. Are you listening? McGraw '57 p223-6

Witty, P. A. and Sizemore, R. A. Studies in listening. *El Engl* 35:551-2; 36:70, 139-40 D '58, Ja-F '59

See also

Interest (psychology)

ATTITUDE tests

Cattell, R. B. and Baggaley, A. R. Objective measurement of attitude motivation: development and evaluation of principles and devices. *J Personality* 24:422-3 Je '56

Christie, R. and others. Is the F scale irreversible? *J Abnorm & Social Psychol* 56:169 Mr '58

Edwards, Allen Louis. Techniques of attitude scale construction. (Century psychology ser) Appleton '57 incl bibliog

Mayshark, C. Critical analysis of attitude measurement in health education, 1927-57. *Res Q* 29:318-19 O '58

Messick, S. and Jackson, D. N. Measurement of authoritarian attitudes. *Educ & Psychol Meas* 8:251-3 Summer '58

Schaefer, E. S. and Bell, R. Q. Development of a parental attitude research instrument. *Child Develop* 29:359-61 S '58

Smith, H. P. Do intercultural experiences affect attitudes? *J Abnorm & Social Psychol* 51:477 N '55

Stewart, R. G. Can psychologists measure driving attitudes? *Educ & Psychol Meas* 18:72-3 Spring '58

Webb, S. C. Scaling of attitudes by the method of equal-appearing intervals. *J Social Psychol* 42:236-9 N '55

ATTITUDES

Beilin, H. Teachers' and clinicians' attitudes toward the behavior problems of children: a reappraisal. *Child Develop* 30:22-5 Mr '59

Bell, R. Q. Retrospective attitude studies of parent-child relations. *Child Develop* 29:336-8 S '58

Brayfield, A. H. and Crockett, W. H. Employee attitudes and employee performance. *Psychol Bul* 52:422-4 S '55

Calogeras, Roy C. Some relationships between fantasy and self-report behavior. (In Genetic psychology monographs, v58. Journal press '58 p233-5)

Eysenck, Hans Jurgen. Psychology of politics. Routledge '54 p285-311

Greenberg, H. and others. Attitudes of white and Negro high school students in a west Texas town toward school integration. *J Ap Psychol* 41:30-1 F '57

Raven, B. H. Social influence on opinions and the communication of related content. *J Abnorm & Social Psychol* 58:128 Ja '59

Wiley, J. H. Scale to measure parental attitudes. *J Speech & Hear Dis* 20:289-90 S '55

See also

Stereotype (psychology)

AUBANEL, Théodore, 1829-1886

Hommage à Théodore Aubanel, avec le texte des allocutions de Edouard Théodore Aubanel [et al] précédé d'un compte rendu de Maurice Bonnard et suivi d'une bibliographie. Aubanel '54 p 109-14

AUDEN, Wystan Hugh, 1907-

Beach, Joseph Warren. Making of the Auden canon. Univ. of Minn. press '57 p301-3

Callan, Edward. Annotated check list of the works of W. H. Auden. Swallow '58 26p

Hoggart, Richard. W. H. Auden. (Bibliog. ser. of supps. to British bk. news, no93) Longmans '57 p45-8

AUDIO-VISUAL education

Allen, W. H. Audio-visual communication research. *J Educ Res* 49:327-30 Ja '56

American association for health, physical education, and recreation. Audio-visual material committee. Audio-visual materials for physical education. The association '57 p61-8 annot

Brown, James W. and Lewis, Richard B. eds. A-V instructional materials manual; prepared by James W. Brown [and others] Spartan bk. store '57 p 185-6

Erickson, Carlton W. H. Administering audio-visual services. Macmillan '59 incl bibliog

Hebert, Charles Alexandre. Annotated bibliography of audio-visual aids for management development programs. 3d ed Research service '58 24p

Kinder, James Serengo. Audio-visual materials and techniques. 2d ed Am. bk. '59 incl bibliog

McClusky, Frederick Dean. A-V bibliography. rev ed (Audio-visual ser) W. C. Brown '55 218p

Mandach, André Bernard de. Bibliography of audio-visual aids and techniques in language teaching. (Learn-a-language pub. of the month no 1) Shakespeare tape lib. '54 14p

Methodist publishing house, Nashville. Bibliography of theses and dissertations relating to audio-visuals and broadcasting; prepared by Bob J. Golter. The company '58 185p

Miller, Neal E. and others. Graphic communication and the crisis in education. (Audio-visual communication review, v5, no3) Dept. of audio-visual instruction, Nat. education assn. '57 p 114-17

National education association of the United States. Department of audio-visual instruction. Planning schools for use of audio-visual materials; no 1, Classrooms. The association '58 p51-5

Osborn, Merton B. Flannel board. The author '56 p33-6

Research abstracts. See numbers of Audio-visual communication review

Sands, Lester Bruton. Audio-visual procedures in teaching. Ronald '56 p574-601

Slattery, Sister Mary Jamesetta. Appraisal of the effectiveness of selected instructional sound motion pictures and silent filmstrips on elementary school instruction. Catholic univ. of Am. press '53 p65-7

Stokes, Maurice S. Interpretation of audio-visual learning aids; an educational monograph. Meador '56 p79-94 annot

Sumner, William Leslie. Visual methods in education. 2d ed Philosophical lib. '57 incl bibliog

Weissberg, Albert Otto. Guide to audio-visual materials on speech and hearing disorders. (Journal of speech and hearing disorders. Monograph sup2) Am. speech & hearing assn. '52 p 16-17

West Virginia. State department of education. Guide to audio-visual aids for elementary and secondary schools. The department '51 p60-78

AUDIO-VISUAL education—*Continued*
Wittich, Walter Arno, and Schuller, Charles Francis. Audio-visual materials; their nature and use. 2d ed. (Exploration ser. in education) Harper '57 incl bibliog

See also

Moving pictures in education

AUDITING

Bank audit bibliography. J Account 107:78-80 F '59

Cleaver, G. F. Auditing and electronic data processing; an annot. sel. bibliography. J Account 106:48-54 N '58

Institute of internal auditors. Bibliography of internal auditing to December 31, 1955. The Institute '56 107p

See also

Accounting

AUDITORY stimuli

Richards, M. J. Review of the basic variables involved in the psychophysiological aspects of pure tones. J Educ Res 51:97-9 O '57

AUDIVERT, Pompeyo, 1890-

Pró, D. F. Desarrollo, caracteres y valores de la obra de Audivert. Humanitas 2 no5:105 '54

AUGUSTINE, Saint, 354-430

Augustine, Saint. Confessions; tr. by Vernon J. Bourke. (Writings, v5; Fathers of the church, a new tr, v21) Fathers of the church '53 p xviii-xx

Augustine, Saint. Confessions and Enchiridion; newly tr. and ed. by Albert C. Outler. (Lib. of Christian classics, v7) Westminster press '55 p413-16

Augustine, Saint. De natura boni; a tr. with an introd. and commentary, by A. Anthony Moon. (Catholic univ. of Am. Patristic studies, v88) Catholic univ. of Am. press '55 p xi-xvii

Augustine, Saint. Later works; sel. and tr. with intrs. by John Burnaby. (Lib. of Christian classics, v8) Westminster press '55 p349-51

Augustijnse literatuur, 1945-1951. Augustijniana 2:181-99; 4:205-16 Ag '52, Ag '54

Battenhouse, Roy Wesley, ed. Companion to the study of St Augustine. Oxford '55 incl bibliog annot

Bavel, Tarsicius J. van. Recherches sur la christologie de saint Augustin; l'humain et le divin dans le Christ d'après saint Augustin. (Paradosis; beiträge zur geschichte der altchristlichen literatur und theologie, 10) Editions universitaires '54 p ix-xiii

Boyer, Charles. Christianisme et néoplatonisme dans la formation de saint Augustin. new rev ed Officium libri catholici '53 p205-7

Hughes, Edward J. Participation of the faithful in the regal and prophetic mission of Christ according to Saint Augustine. (Dissertationes ad lauream, 26) Faculty of theology, St Mary of the Lake seminary '56 p93-7

Knauer, Georg Nicolaus. Psalmenzitate in Augustins Konfessionen. Vandenhoeck & Ruprecht '55 p7-17

Löhrer, Magnus. Der glaubensbegriff des hl. Augustinus in seinen ersten schriften bis zu den Confessiones. Benziger '55 p273-80

Maier, Franz Georg. Augustin und das antike Rom. (Tübinger beiträge zur alttumswissenschaft, 39) Kohlhammer '55 p215-19

Naples. Mostra bibliografica agostiniana, 1954. Mostra bibliografica agostiniana, 27 nov. 1954. (I quaderni della Biblioteca nazionale di Napoli, ser3, no6) Industria tipografica artistica '54 35p

Nygren, Gotthard. Das prädestinationsproblem in der theologie Augustins; eine systematisch-theologische studie fübers: Christa-Maria Lyckhagel (Forschungen zur kirchen- und dogmengeschichte, v5) Vandenhoeck & Ruprecht '56 p296-306

Répertoire bibliographique de Saint Augustin. Augustijniana 1:205-22; 2:275-95; 3:354-75; 4:516-42; 5:487-541; 6:906-53; 7:594-661; 8:551-620 D '51, D '52, N '53, N '54, D '55, D '56, D '57, D '58

Schumacher, William A. Spiritus and spiritualis: a study in the sermons of Saint Augustine. (Dissertationes ad lauream, 28) Faculty of theology, St Mary of the Lake seminary '57 211-19

Van Antwerp, Eugene Ignatius. St Augustine: the divination of demons and care for the dead. (Catholic univ. of Am. Studies in sacred theology, 2d ser, no86) Catholic univ. of Am. press '55 p21-4, 50-3

AUGUSTINIANS

Répertoire bibliographique de Saint Augustin. Augustijniana 1:205-22; 2:275-95; 3:354-75; 4:516-42; 5:487-541; 6:906-53; 7:594-661; 8:551-620 D '51, D '52, N '53, N '54, D '55, D '56, D '57, D '58

History

Luijk, B. van. Sources italiennes pour l'histoire générale de l'ordre des Augustins. Augustijniana 3:128-39, 314-27; 4:98-106, 185-95 Ap, N '53, Ap, Ag '54

AUGUSTINIANS in England

Roth, F. Sources for a history of the English Austin friars. Augustijniana 8:1-108 Ap-D '58

AURELIANUS, Caelius, fl 5th cent

Bendz, Gerhard. Emendationen zu Caelius Aurelianus. (Vetenskaps-societeten i Lund. Skrifter, 44) Gleerup '54 p9-11

AUREOMYCIN

Mackay, I. F. S. and others. Influence of vitamin B₂ and aureomycin upon the growth of protein-deficient children. J Nutrition 59:168-70 My '56

AUREVILLY, Jules Amédée Barbey d'. See Barbey d'Aurevilly, J. A.

AURORAS

Leadabrand, R. L. and Peterson, A. M. Radio echoes from auroral ionization detected at relatively low geomagnetic latitudes. Inst Radio Eng Trans AP-6:79 Ja '53

Rice, M. L. Selective annotated bibliography on night airglow. Meteorol Abst & Bibliog 8:213-49 F '57

AUSTEN, Jane, 1775-1817

Wright, Andrew H. Jane Austen's novels; a study in structure. Oxford '53 p 197-205

AUSTRALIA

Australian books, 1954[-1958] Commonwealth nat. lib. '55-'59 5v

Ferguson, John Alexander. Bibliography of Australia. Angus '41-'55 4v

Greenwood, Gordon, ed. Australia; a social and political history. Praeger '56 incl bibliog

Pennsylvania. State university. Library. Australiana in the Pattee library including the Thomas and Henry Ingram Moody memorial collection. (Headlight on bks. at Penn state, new ser, no4) The library '57 43p annot

Shaw, Alan George Lewers. Story of Australia. Roy pubs. '56 p289-300 annot

Antiquities

Pilling, A. R. Australia. Asian Perspect 1: 165-77 Summer '57

Discovery and exploration

Webster, Mona Stuart. John McDouall Stuart. Cambridge '59 p309-11

Economic conditions

Australian public affairs information service. Subject index to current literature. Commonwealth nat. lib. See numbers

Foreign relations

Asia

Levi, Werner. Australia's outlook on Asia. Mich. state univ. press '58 p225-35

History

Greenwood, Gordon, ed. Australia; a social and political history. (Bks. that matter) Praeger '55 incl bibliog

Writings on Australian history, 1954[-1958] Hist Stud Aus & N Z 6:475-8; 7:221-5; 466-9; 8:214-15; 422-5 My '55, My '56, My '57, My '58, My '59

Intellectual life

Nadel, George. Australia's colonial culture; ideas, men, and insts. in mid-nineteenth cent. eastern Australia; with a foreword by C. Hartley Grattan. Harvard univ. press '57 p289-95

Native races

Berndt, R. M. Murngin (Wulamba) social organization. Am Anthropol 57:105-6 F '55

AUSTRALIA—Native races—Continued

Romney, A. K. and Epling, P. J. Simplified model of Kariera kinship. *Am Anthropol* 60: 73-4 F '58

Politics and government

Australian public affairs information service. Subject index to current literature. Commonwealth nat. lib. See numbers

Crisp, Leslie Finlay. Parliamentary government of the Commonwealth of Australia. 2d ed Longmans '54 p308-14

Ward, John Manning. Earl Grey and the Australian colonies, 1846-1857; a study of self-government and self-interest. Melbourne univ. press '58 p471-90

Social conditions

Australian public affairs information service. Subject index to current literature. Commonwealth nat. lib. See numbers

Australian social science abstracts. Com. on research in the social sciences. Australian nat. research council. See numbers thru 1954

AUSTRALIA in literature

Miller, Edmund Morris. Australian literature; a bibliog. to 1938, extended to 1950; ed. with a historical outline and descriptive commentaries, by Frederick T. Macartney. rev ed Angus & Robertson '56 503p

AUSTRALIAN literature

Miller, Edmund Morris. Australian literature; a bibliog. to 1938, extended to 1950; ed. with a historical outline and descriptive commentaries, by Frederick T. Macartney. rev ed Angus & Robertson '56 503p

History and criticism

Miller, Edmund Morris. Australian literature; a bibliog. to 1938, extended to 1950; ed. with a historical outline and descriptive commentaries, by Frederick T. Macartney. rev ed Angus & Robertson '56 503p

AUSTRALITES. See Tektites**AUSTRALOPITHECINAE**

Dart, R. A. Myth of the bone-accumulating hyena. *Am Anthropol* 58:61-2 F '56

Musiker, R. Australopithecinae; bibliography. (Bibliog. ser) School of librarianship, Cape Town univ. '54 81p

Reed, E. K. Post-war bibliography on the australopithecinae, 1946-1953, inclusive. *Palaeo* 62:80-7 Mr '55

AUSTRIA**Antiquities**

Jandaurek, Herbert. Österreichische altstrassen: die strassen der Römer; hrsg. vom Amte der O.-Ö. Landesregierung in Linz. (Austria, Upper. Landesbaudirektion. Schriftenreihe no 10) O. Ö. Landesverlag Weis '51 p9-41

Climate

Steinhauser, Ferdinand, and others. Klima und bioklima von Wien; eine übersicht mit besonderer berücksichtigung der bedürfnisse der stadtplanung und des bauwesens. Österr. gesellschaft für meteorologie '55 incl bibliog

Description and travel

Paschinger, Herbert. Entwicklung und wesen der hauptstädte der österreichischen bundesländer. Wagner '54 incl bibliog

History

Benedikt, Heinrich. Geschichte der Republik Österreich; unter mitwirkung von Walter Goldinger [et al] Verlag für geschichte und politik '54 p611-21

Rath, Reuben John. Viennese revolution of 1848. *Univ. of Tex. press* '57 p367-88

Revolution, 1848-1849**See also**

Austro-Sardinian war, 1848-1849

Religion**See also**

Catholic church in Austria

AUSTRIA. Lower

Pongratz, W. Die landeskundliche dokumentation für Niederösterreich. *Biblos* 7 no3: 161-3 '58

AUSTRIA, Upper

Oberösterreichische bibliographie, 1952-1953. (Oberösterreichische heimatblätter. Beilage) Inst. für landeskunde von Oberösterreich '55 77p

History

Strassmayr, Eduard. Bibliographie zur oberösterreichischen geschichte, 1949-1953; hrsg. vom Oberösterreichischen landesarchiv. Böhlau '57 186p

AUSTRIAN literature**History and criticism**

Seidler, H. Die österreichische literatur im wissenschaftlichen schrifttum des letzten jahrzehnts. *Wirkendes Wort* 7:27-40 N '56

AUSTRO-ITALIAN war, 1848-1849. See Austro-**Sardinian war, 1848-1849**

AUSTRO-SARDINIAN war, 1848-1849
Filipuzzi, Angelo. La pace di Milano (6 agosto 1849) (Quaderni del risorgimento, 7-8) Ed. dell' Ateneo '55 p369-75

AUTHORITARIANISM

Christie, R. and Cook, P. Guide to published literature relating to the authoritarian personality through 1956. *J Psychol* 45:189-99 Ap '58

Christie, R. and others. Is the F scale irreversible? *J Abnorm & Social Psychol* 56:159 Mr '58

Gregory, W. E. Orthodoxy of the authoritarian personality. *J Social Psychol* 45:231-2 My '57

Melikian, L. H. Some correlates of authoritarianism in two cultural groups. *J Psychol* 42:247-8 O '56

Messick, S. and Jackson, D. N. Measurement of authoritarian attitudes. *Educ & Psychol Meas* 18:251-3 Summer '58

Titus, H. E. and Hollander, E. P. California F scale in psychological research: 1950-1955. *Psychol Bul* 54:62-4 Ja '57

AUTHORITIES (state, municipal, etc)

Hoy, Terry, and others. Use of the port authority in the United States; with special reference to the San Francisco Bay area. rev ed (1959 Legislative problems, no2) Bur. of public adm, Univ. of Calif. '59 p53-4

Walker, Mabel. Authority device for financing public works. (Tax policy v25, no 12) *Tax Inst.* '58 p7-8

AUTHORITY (religion)

Ramm, Bernard. Pattern of authority. (Pathway bk) Eerdmans '57 p 109-11

AUTHORS**See also**

Children as authors
Dramatists
Historians

AUTHORSHIP

Wolseley, Roland Edgar, ed. Writing for the religious market. Assn. press '56 p287-98

See also

Autobiography
Copyright
Journalism
Report writing

AUTOBIOGRAPHY

Lillard, Richard Gordon. American life in autobiography; a descriptive guide. Stanford univ. press '56 140p annot

AUTODIGESTION. See Autolysis**AUTOLYSIS**

Zender, R. and others. Aseptic autolysis of muscle: biochemical and microscopic modifications occurring in rabbit and lamb muscle during aseptic and anaerobic storage. *Food Res* 23:325-6 My '58

AUTOMATA

Shannon, Claude E. and McCarthy, John, eds. Automata studies by W. R. Ashby [and others] (Annals of mathematical studies, no34) Princeton univ. press '56 incl bibliog

AUTOMATIC control

Campbell, Donald Pierce. Process dynamics [dynamic behavior of the production process] Wiley '58 incl bibliog

Considine, Douglas Maxwell, ed. Process instruments and controls handbook. (McGraw-Hill handbks) McGraw '57 incl bibliog

Freeman, H. and Lowenschuss, O. Bibliography of sampled-data control systems and Z-transform applications. *Inst Radio Eng Trans PGAC-4*:28-30 Mr '58

Grabbe, Eugene Munter, and others, eds. Handbook of automation, computation, and control. Wiley '58-'59 2v incl bibliog

AUTOMATIC control—Continued

- Macmillan, K. H. Literature of control engineering. Engineering 179:687 Je '55
- Murphy, Gordon John. Control engineering. (Van Nostrand ser. in electronics and communications) Van Nostrand '59 incl bibliog
- Newton, George Cheney, and others. Analytical design of linear feedback controls. Wiley '57 p14-16
- Oldenburger, Rufus, ed. Frequency response. Macmillan '56 incl bibliog
- Slater, Lloyd. Instrument and control engineering. (Vocational and professional monographs, no97) Bellman '58 p42-6
- Stromer, P. R. Adaptive or self-optimizing control systems; a bibliography. Inst Radio Eng Trans AC-4:65-8 My '59
- Tucker, George K. and Wills, Doris M. Simplified technique of control system engineering; graphical methods of understanding and improving process control. Minneapolis-Honeywell regulator co. '58 p 195-204
- Wade, Warren Freyschlag, and Kemler, Emory Neudeck. Automatic control bibliography. Summary reps. '55 331p annot
- Weiss, R. Transportation lag; an annot. bibliography. Inst Radio Eng Trans AC-4: 56-64 My '59

See also

Automation

Cybernetics

AUTOMATIC machinery. See Machinery, Automatic

AUTOMATION

- Automation. (Labor-management relations; list of sel. readings for high school students and teachers, v8, no1) Inst. of labor & industrial relations, College of education, Ill. univ. 13p
- Automation; some significant references published since 1950. (In Conference of Eastern college librarians. Recruiting library personnel. Automation in the library; rep. of the 41st Conference held at Columbia univ, Nov. 26, 1955. (ACRL monographs, no 17) Assn. of college & reference libs. '56 p50-1)
- Automation as a basic factor in industry. Bsns Inf Sources 27:1-4 Ja '56
- Bittel, Lester R. and others. Practical automation; methods for increasing plant productivity. McGraw '57 p 365-6
- Booth, Andrew Donald. Automation and computing. Macmillan '59 incl bibliog
- European coal and steel community. High authority. Bibliothèque. Automation. (Bibliogs. de la Haute autorité, 11) The authority '57 38p
- Friedmann, Georges. Industrial society; the emergence of the human problems of automation (Problèmes humains du machinisme industriel) ed. and with an introd. by Harold L. Sheppard. Free press '55 incl bibliog
- Für und wider die automation; übersicht des gegenwärtigen standes der automation, vor allem in den USA, mit ausführlichem literaturverzeichnis des gesamten bisher erschienenen schrifttums zu diesem thema; schriftleitung: Irene Margarete Witte. (Rationalisierungsbrieft, 15/16) Rationalisierungskuratorium der deutschen wirtschaft '56 p46-60
- George, Frank Honywill. Automation, cybernetics and society. Philosophical lib. '59 incl bibliog
- Goodman, Leonard Landon. Automation today and tomorrow: a technical survey of current progress; with a bibliog. of the automatic factory. Iota services '59 158p
- Grabbe, Eugene Munter, ed. Automation in business and industry. Wiley '57 incl bibliog
- Gray, A. R. Automation for electronics. Inst Radio Eng Trans IE-4:38-44 Mr '57
- Great Britain. Department of scientific and industrial research. Automation; a rep. on the technical trends and their impact on management and labour. H.M.S.O. '56 p92-103
- Hogan, Howard Knox. Technological advances and skilled manpower, implications for trade and industrial education; an annot. sel. bibliography. rev ed (Misc. 3509) Div. of vocational education, U.S. Office of education '56 67p
- International labor office. Library. Aspects sociaux de l'automation. Social aspects of automation; prelim. list. (Bibliog. reference list no81) The library '56 17p

- International union, united automobile, aircraft and agricultural implement workers of America. Research and engineering department. Library. Source materials on automation and related subjects. The library '55 vp
- Jacobson, Howard Boone, and Roucek, Joseph S. ed. Automation and society. Philosophical lib. '59 incl bibliog
- Keessings historisch archief. Sociale aspecten automatisering; symposium, gehouden ter gelegenheid van het 25-jarig bestaan van Keessings historisch archief. The archive '57 p 102-7
- Lilley, Samuel. Automation and social progress. Int. pubs. '57 p217-19 annot
- Loftus, Helen. Automation in the library; an annot. bibliography. The author '55 13p
- Michigan. State university of agriculture and applied science, East Lansing. Labor and industrial relations center. Economic and social implications of automation; a bibliog. review by Gloria Cheek. The center '57 125p
- Organization for European economic cooperation. Automation; technology, fields of application, economic and social impact, policy, achievements, 1955-1956. (OECE bibliogs, no3) The organization '57 69p
- Perić, Ilija. P. Automatizacija; njena suština i društveno-ekonomski aspekti. Savezni zavod za produktivnost rada '57? p221-39
- Pittsburgh. Carnegie library. Automation. The library '56 26p
- Politica e società (periodical). L'automazione e le sue conseguenze sociali; scritti di Archibugi let al a cura di Valentino Foti. (Studi e ricerche, 1) The periodical '57 p 193-216
- Pollock, Frederick. Automation; materialien zur beurteilung der ökonomischen und sozialen folgen. (Frankfurter beiträge zur soziologie, v5) Europäische verlagsanstalt '56 p293-303
- Same; with title: Automation; a study of its economic and social consequences; tr. by W. O. Henderson and W. H. Chaloner. Praeger '57 p 257-71
- Prague. Ústřední technická knihovna ČSR. Automatizace; ekonomické a sociální důsledky; bibliografický soupis. Matice hornicko-hutnická '57 327p
- Rose, A. and others. Computers, mathematics, statistics, and automation. Ind & Eng Chem 48:630-2; 49:563-4 Mr '56, Mr '57
- Savignat, Alain, and Baudouin, Charles, eds. Automation: positions et propositions; études publiées. Eds. univ. '57 p 175-87
- South, Mary Louisa. Automation. Special subject lists, no2) Lib. assn. '56 6p
- Survey of recent articles. See numbers of Computers & automation
- Thole, Henry C. Automation and electronics: a guide to company experience. Management research service '56 26p
- Weinberg, Edgar. Automatic technology and its implications; a sel. annot. bibliography. (Bul. no 1198) U.S. Bur. of labor statistics '56 78p
- Williams, T. J. Process control and automation. Ind & Eng Chem 50:520-4; 51:432-6 Mr '58, Mr '59

See also

Machinery, Automatic

AUTOMOBILE drivers

Piret, Roger. Psychologie de l'automobiliste et sécurité routière. Eyrolles '52 p 151-63

AUTOMOBILE driving

American automobile association. Sportsman-like driving. 3d rev ed The association '55 incl bibliog

Armed forces-National research council vision committee. Visual factors in automobile driving; summary rep. of a vision research symposium, held at the Nat. acad. of sciences, 6-7 Nov. 1957. Stanley S. Ballard and Henry A. Knoll, editors. (Pub. no 574) Nat. research council '58 incl bibliog

Halsey, Maxwell. Let's drive right; a textbk. for courses in driver education; with study aids by Leslie R. Silvernale. Scott '58 incl bibliog

National research council. Highway research board. Driver characteristics and behavior studies [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 172) The board '58 incl bibliog

Stewart, R. G. Can psychologists measure driving attitudes? Educ & Psychol Meas 18:72-3 Spring '58

AUTOMOBILE driving—Continued**Study and teaching**

Lane-Retticker, Edward. Driver education in high schools; an inquiry into costs, results, and related factors. (Legislative service) Inst. of gov, Univ. of N.C. '53 p75-8

AUTOMOBILE engines**Exhaust**

See Automobile exhaust gas

AUTOMOBILE exhaust gas

Goldsmith, J. R. Health hazards of automobile exhaust. Pub Health Rep 74:557-8 Je '59

AUTOMOBILE industry and trade

Hewitt, Charles Mason. Automobile franchise agreements. (Ind. Univ. School of business. Bur. of business research. Study, no39) Irwin '56 p257-8

History

Rae, John Bell. American automobile manufacturers; the first forty years. Chilton co. '59 p209-12

United States

Rae, John Bell. American automobile manufacturers; the first forty years. Chilton co. '59 p209-12

AUTOMOBILE parking

Automotive safety foundation. What parking means to business. The foundation '55 3p at end

Burrage, Robert H. and Mogren, Edward G. Parking. Eno foundation '57 p393-4

National research council. Highway research board. Shopping habits and travel patterns; a sup. to Special rep. 11, Parking as a factor in business; presented at the 34th annual meeting, Jan. 11-14, 1955. (Special rep. 11-B) The board '55 p20

Parking facilities. Am Inst Arch J 28:373-4 O '57

United States. Bureau of public roads. Parking guide for cities, by the Division of research; rep. by Robert H. Burrage [and others] rev & enl U.S. Gov. ptg. office '56 p 149-52

AUTOMOBILE trailers

Meloan, Taylor W. Mobile homes: the growth and business practices of the industry. (Ind. business studies, no37) Irwin '54 p 131-8

Natale, Ralph M. Mobile home financing. 2d rev ed School of consumer banking '57 p81-4

AUTOMOBILES

Beeler, Samuel C. Understanding your car; how it works, how to maintain it, how to inspect it. McKnight '58 p 123-5

Library association. County libraries section. Automobile engineering. (Readers' guide, new ser, no30) The association '55 20p

See also

Tires, Rubber

Driving

See Automobile driving

History

National book league. Motor car: an exhibition of books illustrating the development of the motor car from the steam vehicles of the mid-nineteenth century to the racing cars of today; organised by L. T. C. Rolt. The league '58 45p

Parking

See Automobile parking

Trailers

See Automobile trailers

AUTOMOTIVE fuel. See Motor fuels**AUTOMOTIVE transportation. See Transportation, Automotive****AUTONOMIC nervous system. See Nervous System, Autonomic****AUTONOMY**

See also

Self determination, National

AUTOPSY

Jones, Thomas Carlyle, and Gleiser, Chester, A. eds. Veterinary necropsy procedures. Lippincott '54 incl bibliog

AUTOTROPHIC bacteria. See Bacteria, Autotrophic**AUXINS**

Nitsch, J. P. and Nitsch, C. Auxin-dependent growth of excised *helianthus tuberosus* tissues. Am J Bot 43:850-1; 44:563-4 D '56, Je '57

Ordin, L. and others. Auxin-induced water uptake by *avena coleoptile* sections. Plant Physiol 31:52-3 Ja '56

Wye college, Wye, England. Chemistry and mode of action of plant growth substances; proceedings of a symposium at [the] College, July 1955; ed. by R. L. Wain and F. Wightman. Academic press '56 incl bibliog

See also

Heteroauxin

AVALANCHES

Flaig, Walther. Lawinen: abenteuer und erfahrung, erlebnis und lehre. 2d rev ed Brockhaus '55 p235-40

AVERROES, 1126-1198

Angelisanti, Raphaël. Problema Dei existentiae in systemate Ibn Rûd. (Rome) (city). Pontificio ateneo antoniano. Facoltà di filosofia. Theses ad lauream, no32) Centre d'études orientales '56 p vii-xvii

AVERY, Oswald Theodore, 1877-1955

Dochez, A. R. Oswald Theodore Avery. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p42-9)

Dubos, R. J. Oswald Theodore Avery, 1877-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p44-8)

AVIATION. See Aeronautics**AVIATION insurance. See Insurance, Aviation****AVIATION law. See Aeronautics—Laws and regulations****AVIATION medicine. See Aeronautics—Medical aspects****AVICEBRON. See Ibn Gabirol, Solomon ben Judah****AVICENNA, 980?-1037**

Afnan, Soheil Mushin. Avicenna; his life and works. Allen '58 p291-4

Ergin, Osman. İbnî Sina bibliografyası. Bibliographie d'Avicenne. (Istanbul. Université. Tip fakültesi. Yayınlar, no20; Tarihi enstitüsü. Yayınlar, no51) (Yalçın matbaası '56 168p)

Nafisi, Sa'îd. Bibliographie des principaux travaux européens sur Avicenne. (Teheran. Univ. Pubs, no 173) Impr. de l'Univ. '53 30p

Wickens, G. M. ed. Avicenna: scientist & philosopher; a millenary symposium. Luzac '52 incl bibliog

AVICENNIACEAE. See Verbenaceae**AVITAMINOSIS. See Deficiency diseases****AVOIDANCE reaction**

Solomon, R. L. and Wynne, L. C. Traumatic avoidance learning; the principles of anxiety conservation and partial irreversibility. Psychol R 61:382-5 N '54

AWARDS. See Rewards (prizes, etc)**AYME, Marcel, 1902-**

Cathelin, Jean. Marcel Aymé; ou, Le paysan de Paris; essai. Nouvelles éds. Debresse '58 p241-7

Oeuvres de Marcel Aymé. Biblio 26:13-14 O '58

AZERBAIJAN

Hadjibeyli, D. Bibliographical guide to recent literature published in Soviet Azerbaijan. Caucasian R no5:147-50 '57

AZEVEDO, Aluizio, 1857-1913

Dantas, Paulo. Alufisio Azevedo; um romanista do povo. (Grandes vultos das letras, no 12) Edições Melhoramentos '54? p50

AZOTOBACTER

Anderson, G. R. Ecology of azotobacter in soils of the Palouse region. Soil Sci 86:61-2, 116 Ag-S '58

Jensen, H. L. Azotobacteriaceae. Bact R 18: 209-13 D '54

Spencer, D. and others. Relationship of nitrite and hydroxylamine reductases to nitrate assimilation and nitrogen fixation in azotobacter agile. J Bact 73:561-2 Ap '57

B**BAADER, Franz von, 1765-1841**

Siegl, Josef. Franz von Baader, ein bild seines lebens und wirkens. Bayerischer schulbuch verlag '57 p 105-7

- BAAL** (deity)
Kapelrud, Arvid Schou. Baal in the Ras Shamra texts. Gad '52 p 151-6
- BABASSU** palm
Brazil. Serviço de estatística da produção. O babacu; considerações científicas, técnicas e econômicas (reprodução atualizada e amplamente desenvolvida da monografia O babacu na economia nacional) por Alpehu Diniz Gonsalves com a colaboração de Rubem Mendes de Freitas. (Sér. Estudos e ensaios, no8) Serviço de informação agrícola. Ministério da agricultura '55 p301-21
- BABBITT**, Irving, 1865-1933
Occhio, Giuseppe. Umanesimo americano anti-deweyano; uno studio su Irving Babbitt con un'appendice su R. M. Hutchins e W. Lippmann. P.A.S. '55 p227-30
- BABCOCK**, Ernest Brown, 1877-1954
Stebbins, G. L. Ernest Brown Babcock. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p58-66)
- BABEL**, Tower of
Parrot, André. Tower of Babel; tr. by Edwin Hudson. (Studies in biblical archaeology, no2) Philosophical lib. '55 p71-2
- BABIES**. See Infants
- BABINSKI**, Joseph François Félix, 1857-1932
United States. National institute of neurological diseases and blindness. Great names in neurology; bibliog. of writings by Joseph Babinski, Victor Horsley, Charles Sherrington, and Arthur van Gehuchten; prepared for the first Int. congress of neurological sciences, Brussels, July 21-28, 1957. (U.S. Public health service. Pub. no554; Public health biblog. ser, 17) The Institute '57 p5-22
- BABYLON**
Parrot, André. Babylon and the Old Testament [tr. from the French by B. E. Hookel (Studies in biblical archaeology, no8) Philosophical lib. '58 p 153-65
- BACALOGLU**, Emanuel, 1830-1891
Academia Republicii Populare Romine. Biblioteca. Emanuel Bacaloglu (1830-1891) studiul introductiv de F. Cimpan; bibliog. întocmit în Secția de bibliog. a Bibliotecii Academiei R. P. R. (Ser. de bio-bibliog, 8) Editura Academiei Republicii Populare Romine '56 p25-35
- BACH**, Johann Sebastian, 1685-1750
Connor, Sister Mary John Bosco. Gregorian chant and medieval hymn tunes in the works of J. S. Bach. St Joseph college '57 p98-103
Dickinson, Alan Edgar Frederic. Bach's fugal works; with an account of fugue before and after Bach. Pitman '56 p257-61 annot
Hinrichsen, Max, ed. Eighth music book; containing The organ of Bach, by William L. Sumner and matters related to this subject. (Music bk. ser) Hinrichsen '56 incl bibliog
Pirro, André, J. S. Bach; tr. from the French by Mervin Savill. Crown '57 p266-9
Tusler, Robert L. Style of J. S. Bach's chorale preludes. (Calif. Univ. Pubs. in music, v 1, no2) Univ. of Calif. press '56 p 147-9
- BACHOFEN**, Johannes Jakob, 1815-1887
Bessmertny, A. Die gedruckten werke von J. J. Bachofen; eine bibliographie. (In Bachofen, Johann Jakob. Der mythus von Orient und Occident; eine metaphysik der alten welt; mit einer einleitung von Alfred Baemler; hrsg. von Manfred Schroeter. 2d ed Beck '56 p620-4
- BACILLUS anthracis**
United States. Army. Chemical corps. Technical library, Frederick, Maryland. Bibliography on anthrax and bacillus anthracis. rev ed The Library '56 100p
- BACILLUS coli**. See Enterobacteriaceae
- BACILLUS tuberculosis**
Crowle, A. J. Immunizing constituents of the tubercle bacillus. Bact R 22:197-203 S '58
Darzins, Egons. Bacteriology of tuberculosis. Univ. of Minn. press '58 p403-61
Holmgren, N. B. and others. Studies on the metabolism of mycobacterium tuberculosis. J Bact 68:410, 417-18 O '54
Tarshis, M. S. and others. Further experience with a new blood medium for the cultivation of mycobacterium tuberculosis. Am J Pub Health 45:1160-1 S '55
- BACKWARD** areas. See Underdeveloped areas
- BACON**, Francis, viscount St Albans, 1561-1626
Francis Bacon foundation, Pasadena, California. Library. Short title catalogue numbers in the library of the Foundation; comp. by Elizabeth S. Wrigley. The library '56 np
- BACON**, Roger, 1214?-1294
Westacott, Evalyn. Roger Bacon in life and legend. Rockliff '53 p 130-1
- BACTERIA**
Barker, Horace Albert. Bacterial fermentations. (Ciba lectures in microbial biochemistry, 1956) Wiley '56 incl bibliog
Brown, E. R. and others. Differential diagnosis of bacillus cereus, bacillus anthracis, and bacillus cereus var. mycoides. J Bact 75:508-9 My '58
Burdon, K. L. and others. Useful criteria for the identification of bacillus anthracis and related species. J Bact 71:41-2 Ja '56
Carnegie institution of Washington. Dept. of genetics. Genetic studies with bacteria [by] M. Demerec [and others] (Pub. 612) The institution '56 incl bibliog
Clifton, Charles Egolf. Introduction to bacterial physiology. McGraw '57 incl bibliog
Demerec, M. Genetic basis of acquired drug resistance. Pub Health Rep 70:320-1 S '55
Duff, J. T. and others. Studies on immunity to toxins of clostridium botulinum. J Bact 73:46-7, 601; 74:538; 75:364-5 Ja, My, O '57, Mr '58
Dworkin, M. and Foster, J. W. Studies on pseudomonas methanica (Söhngen) nov. comb. J Bact 72:658-9 N '56
Edwards, P. R. and Fife, M. A. Studies on the klebsiella-aerobacter group of bacteria. J Bact 70:389-90 O '55
Guynes, G. J. and Bennett, E. O. Bacterial deterioration of emulsion oils. Ap Microbiol 7:121, 125 Mr '59
Korttila, Kaleva. Bacteriological studies in cases of perforated gastroduodenal ulcer with reference to clinical and pathological aspects. (Sup 163) Acta chirurgica scandinavica '51 p 128-39
Moussa, R. S. Complexity of toxins from clostridium septicum and clostridium chauvoei. J Bact 76:544-5 N '58
Riddle, J. W. and others. Bacterial identification by infrared spectrophotometry. J Bact 72:602-3 N '56
Webb, R. B. and Clark, J. B. Cytogenetic study of nocardia corallina. J Bact 74:41-2 JI '57
Wetmore, P. W. and Gochenour, W. S. Comparative studies of the genus malleomyces and selected pseudomonas species. J Bact 72:88-9 JI '56
See also
Azotobacter
Enterobacteriaceae
Growth (bacteria)
Growth regulating substances (bacteria)
Lactic acid bacteria
Metabolism (bacteria)
Microorganisms
Mutation (bacteria)
Mycobacterium
Rickettsia
Salmonella
Shigella
Spirochetes
Streptococci
Streptomyces
Viruses
Chemical composition
Hauser, G. and Karnovsky, M. L. Studies on the production of glycolipide by pseudomonas aeruginosa. J Bact 68:653-4 D '54
Zamenhof, S. and others. Escherichia coli containing unnatural pyrimidines in its deoxyribonucleic acid. J Bact 71:68-9 Ja '56
- Culture**
See Bacteriology—Cultures and culture media
- Ecology**
Anderson, G. R. Ecology of azotobacter in soils of the Palouse region. Soil Sci 86:61-2, 116 Ag-S '58
- Growth**
See Growth (bacteria)
- Hybrids**
Luria, S. E. and Burrous, J. W. Hybridization between escherichia coli and shigella. J Bact 74:475-6 O '57

BACTERIA—Continued

Morphology

- Arnaudi, C. and Novati, G. Influence of boron on the morphology of *Serratia marcescens* and on its production of choline phosphatase. *Can J Microbiol* 3:396-7 Mr '57
- Lederberg, J. and St Clair, J. Protoplasts and L-type growth of *Escherichia coli*. *J Bact* 75:158-60 F '58
- Lehner, A. and Nowak, W. Morphological studies on nodule bacteria cultures (*Rhizobium* sp) *Can J Microbiol* 3:409-10 Mr '57
- Lockhart, W. R. Use of microorganisms for studies of growth and morphogenesis. *Bact R* 23:14-17 Mr '59

See also
Flagella

Nutrition

- Gerhardt, P. Nutrition of brucellae. *Bact R* 22:94-8 Je '58
- Higuchi, K. and others. Studies on the nutrition and physiology of *Pasteurella pestis*. *J Bact* 73:128-9; 75:413; 77:321, 607-8 Ja '57, Ap '58, Mr, My '59
- Rappaport, F. and Konforti, N. Selective enrichment medium for paratyphoid bacteria: inhibitory and growth promoting factors. *Ap Microbiol* 7:66 Mr '59
- Smith, I. W. and others. Volutin production in aerobacter aerogenes due to nutrient imbalance. *J Bact* 68:462-3 O '54
- Traub, A. and others. Studies on the nutrition of *Pasteurella tularensis*. *J Bact* 70: 68-9 Jl '55

Physiology

- Higuchi, K. and others. Studies on the nutrition and physiology of *Pasteurella pestis*. *J Bact* 73:128-9; 75:413; 77:321, 607-8 Ja '57, Ap '58, Mr, My '59
- Hodge, H. M. and Metcalfe, S. N. Flocculation of bacteria by hydrophilic colloids. *J Bact* 75:263-4 Mr '58

Reproduction

- Belser, W. L. and Bunting, M. I. Studies on a mechanism providing for genetic transfer in *Serratia marcescens*. *J Bact* 72:591-2 N '56

Resistance

- Michener, A. D. and others. Search for substances which reduce the heat resistance of bacterial spores. *Ap Microbiol* 7:172-3 My '59
- Watanabe, T. and others. Probable absence of direct induction of bacterial resistance to streptomycin. *J Bact* 73:776-7 Je '57

Respiration

- Chase, F. E. and Gray, P. H. H. Application of the Warburg respirometer in studying respiratory activity in soil. *Can J Microbiol* 3:348-9 Mr '57

Viability and virulence

- Anderson, P. S. and Cowles, P. B. Effect of antiphage serum on the virulence of *Corynebacterium diphtheriae*. *J Bact* 76:279-80 S '58
- DeWitt, C. W. Differential effect of hog gastric mucin on properdin and host resistance to infection. *J Bact* 76:638-9 D '58
- Eisler, D. M. and others. Dissociation in *Pasteurella pestis*: immunological comparisons of smooth and nonsmooth variants. *J Bact* 76:595-6 D '58
- Eisler, D. M. and others. Dissociation in *Pasteurella pestis*: interrelations of smooth and nonsmooth variants. *J Bact* 76:605-6 D '58

BACTERIA, Aerobic

- Halvorson, H. and Church, B. Biochemistry of spores of aerobic bacilli with special reference to germination. *Bact R* 21:127-31 Je '57

BACTERIA, Anaerobic

- Djakarta. Universitas Indonesia. Fakultas kedokteran hewan, Bogor. Perpustakaan. Katalogue of publications on anaerobic bacteria in the Library of the Veterinary institute, Bogor, Indonesia. The institute '54 194p

BACTERIA, Autotrophic

- Vishniac, W. and Santer, M. *Thiobacilli*. *Bact R* 21:209-13 S '57

BACTERIA, Effect of amino acids on

- McCoy, T. A. and others. Amino acid metabolic studies. *J Bact* 68:695-6 D '54

- Rotman, B. and Spiegelman, S. On the origin of the carbon in the induced synthesis β -galactosidase in *Escherichia coli*. *J Bact* 68:428-9 O '54

BACTERIA, Effect of heat on

- Amaha, M. and Sakaguchi, K. Effects of carbohydrates, proteins, and bacterial cells in the heating media on the heat resistance of *Clostridium sporogenes*. *J Bact* 68:345 S '54

BACTERIA, Effect of iron on

- Yoneda, M. and Pappenheimer, A. M. Some effects of iron deficiency on the extracellular products released by toxigenic and nontoxigenic strains of *Corynebacterium diphtheriae*. *J Bact* 74:264 Ag '57

BACTERIA, Effect of light on

- Jagger, J. Photoreactivation. *Bact R* 22: 136-7 Je '53

BACTERIA, Effect of minerals on

- Starkey, R. L. Relations of micronutrients to development of microorganisms. *Soil Sci* 79:11-14 Ja '55
- Weinberg, E. D. Mutual effects of antimicrobial compounds and metallic cations. *Bact R* 21:63-8 Mr '57

BACTERIA, Effect of nitrogen on

- McNall, E. G. and Atkinson, D. E. Growth of *Escherichia coli* with nitrate as sole source of nitrogen. *J Bact* 72:229; 74:65-6 Ag '56, Jl '57

BACTERIA, Effect of potassium on

- Friedman, S. and Fox, C. L. Studies on the relationship of potassium to metabolism and purine biosynthesis in *Escherichia coli*. *J Bact* 68:192-3 Ag '54

BACTERIA, Effect of radiation on

- Kelner, A. and others. Symposium on radiation effects on cells and bacteria. *Bact R* 19:41-4 Mr '55

- Zelle, M. R. and Ogg, J. E. Radiation resistance and genetic segregation in a large cell possibly polyploid strain of *Escherichia coli*. *J Bact* 74:492-3 O '57

BACTERIA, Effect of temperature on

- Anellis, A. and others. Heat resistance in liquid eggs of some strains of the genus *Salmonella*. *Food Res* 19:393-5 Jl '54
- El-Bisi, H. M. and Ordal, Z. J. Effect of sporulation temperature on the thermal resistance of *Bacillus coagulans* var. *thermoacidurans*. *J Bact* 71:16 Ja '56
- Kronenwett, F. R. and others. Thermal death time studies of *Brucella abortus* in milk. *J Dairy Sci* 37:1301-2 N '54
- Osborne, W. W. and others. Heat resistance of strains of *Salmonella* in liquid whole egg, egg yolk, and egg white. *Food Res* 19:462-3 Jl '54

See also

Bacteria, Psychrophilic

BACTERIA, Effect of thymine on

- Cohen, S. S. and Barner, H. D. Studies on the induction of thymine deficiency and on the effects of thymine and thymidine analogues in *Escherichia coli*. *J Bact* 71:596-7 My '56

BACTERIA, Effect of ultraviolet rays on

- Hartman, P. E. and others. Cytological analysis of ultraviolet irradiated *Escherichia coli*. *J Bact* 70:537-9 N '55
- Payne, J. I. and others. Cytological analysis of ultraviolet-irradiated *Escherichia coli*. *J Bact* 72:471-2 O '56

BACTERIA, Effect of X rays on

- Gunter, S. E. and Kohn, H. I. Effect of X-rays on the survival of bacteria and yeast. *J Bact* 71:580-1 My '56

BACTERIA, Halophilic

- Flannery, W. L. Current status of knowledge of halophilic bacteria. *Bact R* 20:61-6 Je '56

BACTERIA, Heat-resistant. See Bacteria, Thermophilic

BACTERIA, Marine

- Jannasch, H. W. and Jones, G. E. Bacterial populations in sea water as determined by different methods of enumeration. *Limnol & Oceanog* 4:138-9 Ap '59
- Waksman, S. A. Marine bacteria. *Deep Sea Res* 3 sup:18-19 D '55

BACTERIA, Mesophilic

- Koffler, H. Protoplasmic differences between mesophiles and thermophiles. *Bact R* 21: 237-40 D '57

BACTERIA, Nitrifying

See also

- Nitrification
Rhizobium
Root tubercles

BACTERIA, Pathogenic

- Barfoed, Poul. Conjunctivas bakterieflora. Munksgaard '53 p 134-40
 Daniel, J. Bacterial resistance. Drug & Cosmetic Ind 83:804-6 D '58
 Djakarta. Universitas Indonesia. Fakultas kedokteran hewan, Bogor. Perpustakaan. Catalogue of publications on anaerobic bacteria in the Library of the Veterinary institute, Bogor, Indonesia. The institute '54 194p

See also

- Bacillus anthracis
 Bacillus tuberculosis
 Bacteriology, Medical
 Microorganisms, Pathogenic
 Salmonella
 Staphylococci
 Streptococci

BACTERIA, Phytopathogenic

- Heyn, A. N. J. Bacteriological studies on cotton. Textile Res 27:601-3 Ag '57
 Katznelson, H. Metabolism of phytopathogenic bacteria. J Bact 70:474-5; 75: 543 O '55, My '58
 Patrick, Z. A. Antibiotic activity of soil microorganisms as related to bacterial plant pathogens. Can J Bot 32:734-5 S '54
 Stapp, Carl. Pflanzenpathogene bakterien; eine einfuehrung mit hinweisen auf einschlaegige bakteriologische und serologische arbeitsmethoden. Parey '58 incl bibliog

BACTERIA, Psychrophilic

- Olson, J. C. and others. Nature significance and control of psychrophilic bacteria in dairy products. J Milk & Food Tech 18: 203 Ag '55

BACTERIA, Sporeforming

- Halvorson, Halvor Orin. Spores; a symposium held at Allerton Park, Ill. Oct. 11-12, 1956. (Pub. no5) Am. inst. of biological sciences '58 incl bibliog

BACTERIA, Thermotrophic

- Myhr, A. N. and Olson, J. C. Study of thermal resistance of micrococci in milk. J Dairy Sci 39:1642-3 D '56

BACTERIA, Thermophilic

- Koffler, H. Protoplasmic differences between mesophiles and thermophiles. Bact R 21: 237-40 D '57
 Manning, G. B. and Campbell, L. L. Asparagine deamidase of bacillus coagulans and bacillus stearothermophilus. Can J Microbiol 3:1008-9 D '57

BACTERIAL cells

- Alexander, M. Localization of enzymes in the microbial cell. Bact R 20:88-93 Je '56
 Asnis, R. E. and others. Some enzymatic activities of a particulate fraction from sonic lysates of escherichia coli. J Bact 72:319 S '56
 Barkulis, S. S. and others. Studies of streptococcal cell walls. J Bact 74:215-16; 76:114-15; 77:183-4 Ag '57, J1 '58, F '59
 Britt, E. M. and Gerhardt, P. Bacterial permeability. J Bact 76:286-7, 293 S '58
 Connell, G. E. and Watson, R. W. Incorporation of C^{14} into bacterial peptides. Can J Microbiol 4:647-8 D '58
 Cooper, P. D. Site of action of radiopenicillin. Bact R 20:45-8 Mr '56
 Cota-Robles, E. H. and others. Submicroscopic particles in extracts of azotobacter agilis. J Bact 75:251-2 Mr '58
 Crowle, A. J. Immunizing constituents of the tubercle bacillus. Bact R 22:197-203 S '58
 Czekalowski, J. W. and Eaves, G. Formation of granular structures by leptospirae as revealed by the electron microscope. J Bact 67:625-7 Je '54
 Kelnar, A. and others. Symposium on radiation effects on cells and bacteria. Bact R 19:41-4 Mr '55
 Lederberg, J. Viruses, genes, and cells. Bact R 21:138-9 S '57
 Levinson, H. S. and others. Pyrophosphatase activity of bacillus megaterium spore and vegetative cell extracts. J Bact 75:298-9 Mr '58
 Mudd, S. and others. Polyphosphate as accumulator of phosphorus and energy. J Bact 75:234-5 F '58
 Robinow, C. F. Chromatin bodies of bacteria. Bact R 20:238-42 D '56
 Romano, A. H. and others. Biochemistry of the actinomycetales. J Bact 72:482, 868; 75:289-90 O. D '56, Mr '58
 Strange, R. E. Cell wall lysis and the release of peptides in bacillus species. Bact R 23: 6-7 Mr '59

- Tepper, B. S. and Wilson, J. B. Fixation and distribution of $C^{14}O_2$ in brucella abortus. J Bact 76:28 J1 '58
 Volcani, B. E. and Margalith, P. New species (davobacterium polyglutamicum) which hydrolyzes the γ -L-glutamyl bond polypeptides. J Bact 74:654-5 N '57
 Widra, A. Studies on the cytochemistry of bacteria. J Bact 71:700-2 Je '56
 Wiley, B. B. and Scherp, H. W. Capsular polysaccharides of escherichia coli, types K28A and K34A. Can J Microbiol 4:515-16 O '58
 Wilkinson, J. F. Extracellular polysaccharides of bacteria. Bact R 22:69-73 Mr '58
 Younathan, E. S. and Barkulis, S. S. Effect of some antimetabolites on the production of streptolysin S'. J Bact 74:157-8 Ag '57

See also

- Cell division (bacteriology)
 Protoplasts

BACTERIAL fermentation. See Fermentation, Bacterial**BACTERIAL spores**

- El-Bisi, H. M. and Ordal, Z. J. Effect of sporulation temperature on the thermal resistance of bacillus coagulans var. thermocidurans. J Bact 71:16 Ja '56
 Foster, J. W. Morphogenesis in bacteria: some aspects of spore formation. Q R Biol 31: 116-18 Je '56
 Frank, Hilmer A. and Campbell, L. Leon. Bibliography of bacterial spores. (Washington (state). Agricultural experiment stations. Station circ. 323) Inst. of agricultural sciences, State college of Wash. '53 117p
 —Supplement no 1. by L. Leon Campbell (and others) (Washington (state) Agricultural experiment stations. Station circ. 323) Inst. of agricultural sciences, State college of Wash. '59 19p
 Frank, H. A. and Campbell, L. L. Non-logarithmic rate of thermal destruction of spores of bacillus coagulans. Ap Microbiol 5:248 J1 '57
 Halvorson, H. and Church, B. Biochemistry of spores of aerobic bacilli with special reference to germination. Bact R 21:127-31 Je '57
 Levinson, H. S. and others. Pyrophosphatase activity of bacillus megaterium spore and vegetative cell extracts. J Bact 75:298-9 Mr '58
 Michener, H. D. Action of subtilin on heated bacterial spores. J Bact 70:199-200 Ag '55
 Michener, H. D. and others. Search for substances which reduce the heat resistance of bacterial spores. Ap Microbiol 7:172-3 My '59
 Steinkraus, K. H. Studies on the milky disease organisms. J Bact 74:624, 632; 75:42 N '57, Ja '58
 Strange, R. E. Cell wall lysis and the release of peptides in bacillus species. Bact R 23: 6-7 Mr '59

BACTERIAL virus. See Bacteriophage**BACTERIAL wilt. See Wilt diseases****BACTERICIDAL action**

- Skarnes, R. C. and Watson, D. W. Antimicrobial factors of normal tissues and fluids. Bact R 21:287-94 D '57

BACTERIOLOGICAL control of insects. See Insects, Injurious and beneficial—Bacteriological control**BACTERIOLOGICAL warfare. See Biological warfare****BACTERIOLOGY**

- Abstracts. See numbers of Wallerstein laboratories, New York. Communications
 Brunn, Universita. Knihovna. Hygiena, epidemiologie a bakteriologie; sest. R. Trautmann za spoluprace V. Bednarkove a O. Libala. (Vybervy seznam, 15) The library '57 98p
 Djakarta. Universitas Indonesia. Fakultas kedokteran hewan, Bogor. Perpustakaan. Catalogue of publications on anaerobic bacteria in the Library of the Veterinary institute, Bogor, Indonesia. The institute '54 194p

- Society for general microbiology. Bacterial anatomy; 6th symposium of the Society held at Royal inst. London, Apr. 1956. Cambridge '56 incl bibliog

See also

- Bacterial cells
 Bacterial spores
 Bactericidal action
 Bacteriolysis
 Bacteriophage

BACTERIOLOGY—*Continued*

Biological products
Dairy bacteriology
Fermentation
Growth regulating substances (bacteria)
Microorganisms
Serological reactions—Bacteria
Sewage—Purification
Starters (dairy products)
Variation (bacteriology)
Veterinary bacteriology
also subhead Bacteriology under the following subjects

Air
Eggs
Food
Food, Frozen
Intestines
Milk
Sea water
Sewage
Soils
Stomach
Water

Classification

Waksman, S. A. Species concept among the actinomycetes with special reference to the genus streptomyces. *Bact R* 21:26-9 Mr '57
Weeks, O. B. *Flavobacterium aquatile* (Frankland and Frankland) Bergey et al, type species of the genus flavobacterium. *J Bact* 69:658 Je '55

Cultures and culture media

Hollinger, N. F. and Lindberg, L. H. Delayed recovery of streptococci from throat swabs. *Am J Pub Health* 48:1169 S '58
Kimura, Ren. Tissue culture as applied especially within bacteriology and immunology. *Munksgaard* '53 p241-73
Tarsnis, M. S. and others. Further experience with a new blood medium for the cultivation of mycobacterium tuberculosis. *Am J Pub Health* 45:1160-1 S '55
Vishniac, W. and Santar, M. Thiobacilli. *Bact R* 21:209-13 S '57

History

Grainger, Thomas H. Guide to the history of bacteriology. (*Chronica botanica*, no 18) Ronald '58 210p

Technique

See also

Sterilization

BACTERIOLOGY, Medical

Frobisher, Martin, and Sommermeyer, Lucille. Microbiology for nurses. 9th ed Saunders '56 incl bibliog
Zinsser, Hans. Bacteriology. 11th ed. [by] David T. Smith [and others] Appleton '57 incl bibliog

BACTERIOLYSIS

Grula, E. A. and Hartsell, S. E. Lysozyme in the bacteriolysis of gram-negative bacteria. *Can J Microbiol* 3:20-1, 33-4 F '57
Prestidge, L. S. and Pardee, A. B. Induction of bacterial lysis by penicillin. *J Bact* 74:58-9 Jl '57
Salton, M. R. J. Properties of lysozyme and its action on microorganisms. *Bact R* 21:96-9 Je '57

BACTERIOPHAGE

Adams, Mark Hancock. Bacteriophages; with chapters by E. S. Anderson [and others] Interscience '59 p523-65
Adams, M. H. and Wade, E. Classification of bacterial viruses: characteristics of the T1, D20 species of coli-dysentery phages. *J Bact* 70:258-9 S '55
Anderson, P. S. and Cowles, P. B. Effect of antiphage serum on the virulence of corynebacterium diphtheriae. *J Bact* 76:279-80 S '58
Babel, F. J. Slow acid production by lactic cultures: a review. *J Dairy Sci* 38:727-33 Jl '55
Boyd, J. S. K. Bacteriophage. Cambridge Philos Soc Biol R 31:101-7 F '56
Brown, A. Study of lysis in bacteriophage-infected *Escherichia coli*. *J Bact* 71:490 Ap '56
Bruch, C. W. and Allen, O. N. Host specificities of four lotus rhizobiophages. *Can J Microbiol* 3:188-9 Mr '57
Chase, M. and Doermann, A. H. High negative interference over short segments of the genetic structure of bacteriophage T4. *Genetics* 43:352-3 My '58

Holmes, D. H. Effects of various physical and chemical agents on a staphylococcus bacteriophage. *Butler Univ Bot Stud* 13:63-5 D '56

Jacob, François. Les bactéries lysogènes et la notion de provirus; préf. d'André Lwoff. (Monographies de l'Inst. Pasteur) Masson '54 p 165-73

Jordana, R. de V. Study on adsorption of bacteriophage by filters. *Ap Microbiol* 7:247 Jl '59

Lederberg, J. Viruses, genes, and cells. *Bact R* 21:138-9 S '57

Raettig, Hansjürgen. Bakteriophagie. 1917 bis 1956; zugleich ein vorschlag zur dokumentation wissenschaftlicher literatur. Fischer '58 2v

BADDECKI, Karol, 1886-1953

Badecki, Karol. Z badań nad literaturą mieszczańsko-ludową XVII wieku. Wydawn. zakładu narodowego im. Ossolińskich '51 p51-63

BADEN-WÜRTTEMBERG**Politics and government**

Baden-Württemberg. Statistisches landesamt. Der landkreis Crailsheim; kreisbeschreibung. (Die stadt- und landkreise in Baden-Württemberg) The agency '53 p463-80

BADMINTON (game)

Tennis-badminton guide with official rules and standards, June 1958-June 1960; eds: Marya Welch and Jeanne Pons [Tennis biblog. by Virginia L. Creed; Rev. badminton biblog. by Ruth E. Shaw] Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p 115-17

BAECK, Leo, 1873-1956

Wiener, T. Writings of Leo Baeck; a bibliography. *Stud Bibliog & Booklore* 1:109-44 Je '54

BAGDAD railroad

Brünner, Eduard Rudolf Johan. De Bagdadspoorweg; bijdrage tot de kennis omtrent het optreden der mogendheden in Turkije 1888-1908. Wolters '56 p442-68

BAGEHOT, Walter, 1826-1877

St John-Steyas, Norman. Walter Bagehot: a study of his life and thought together with a sel. from his political writings. Ind. univ. press '59 p463-5

BAGGE, Algot, 1875-

Liber amicorum of congratulations to Algot Bagge, on the occasion of his eightieth birthday, July 19, 1955; eds: Swedish branch of the Int. law assn. [and] Swedish assn. for int. maritime law. Norstedt & söner '56 p267-9

BAGSHAW family

Taylor, Frank. Hand-list of the Bagshawe muniments deposited in the John Rylands library. John Rylands lib. '55 143p

BAHAISM

Bahá'í world; a biennial int. record; prepared under the supervision of the Nat. spiritual assembly of the Bahá'ís of the U.S. and Canada with the approval of Shoghi Effendi. (V 12) Bahá'í '56 p775-854

BAHAMA islands**Antiquities**

Granberry, J. Cultural position of the Bahamas in Caribbean archaeology. *Am Antiq* 22:133-4 O '56

BAHR, Hermann, 1863-1934

Kindermann, Heinz. Hermann Bahr; ein leben für das europäische theater; mit einer Hermann Bahr-bibliographie [von K. Thomasberger] H. Böhlhaus nachf. '54 p347-68

BAHRAMI, Mehdi, 1905-1951

Ettinghausen, R. Bibliography of the writings of Mehdi Bahrani. *Ars Orient* 2:625-7 '57

BAILEY, Irving Widmer, 1884-

Bailey, Irving Widmer. Contributions to plant anatomy. (*Chronica botanica*, v 15, no 1/6) *Chronica botanica* co. '54 p xlii-xviii

BAILEY, Liberty Hyde, 1858-1954

Dorf, Philip. Liberty Heyde Bailey; an informal biography. Cornell univ. press '56 p247-50

BAILEY, Richard William, 1885-1957

Smith, D. M. Richard William Bailey. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1958. The society '58 p24-5)

BAJA CALIFORNIA. See California, Lower

- BAKER, Henry Frederick, 1866-1956**
Hodge, W. V. D. Henry Frederick Baker.
Lond Math Soc J 32:125-8 Ja '57
Hodge, W. V. D. Henry Frederick Baker,
1866-1956. (In Royal society of London. Bio-
graphical memoirs of fellows of the Royal
society. The society '56 p65-8)
- BAKERS and bakeries**
Abstracts on baking materials and processing.
See numbers of Bakers digest
- BAKING**
Abstracts on baking materials and process-
ing. See numbers of Bakers digest
American society of bakery engineers. Index
to publications. American society of bakery
engineers, 1924-1954. The society '54 116p
Baking in America; v 1, Economic develop-
ment, by William G. Panschar; v2, Market
organization and competition, by Charles C.
Slater. (Northwestern univ. Studies in busi-
ness history) Northwestern univ. press '56
2v v 1, p245-51; v2, p391-405
Milan. Biblioteca civica. Catalogo della rac-
colta di alimentazione e panificazione Ar-
naldo Luraschi; a cura dell'Associazione
panifattori di Milano. The library '55 124p
United States. Quartermaster food and con-
tainer institute for the Armed forces,
Chicago. Yeast; its characteristics, growth,
and function in baked products; a symposi-
um held at the Palmer house, Chicago, Ill,
June 22, 1955; ed. by Charles S. McWilliams
and Martin S. Peterson. (Surveys of progress
on military subsistence problems; ser
1, Food stability, 8) Advisory board on
quartermaster research & development,
Com. on foods, Nat. acad. of sciences—
Nat. research council '57 incl bibliog
- BAKST, Léon, 1868-1924**
Lister, Raymond. Muscovite peacock; a study
of the art of Léon Bakst; with a memoir
by Simon Lissim. Golden head press '54
p39-43
- BAKUNIN, Mikhail Aleksandrovich, 1814-1876**
Pyziur, Eugene. Doctrine of anarchoism of
Michael A. Bakunin. (Marquette Slavic
studies, 1) Marquette univ. press '55 p 149-
53
- BALANCE**
Handbuch des waagenbaues; bearb. von Jür-
gen Reimpell; v 1, Handbediente waagen
[5, vollständig überab. auf. von M. Raud-
nitz, Die konstruktion der von hand bedien-
ten waagen] Voigt '55 p423-9
- BALANCE of payments**
Letiche, John Marion. Balance of payments
and economic growth. Harper '59 p321-64
- BALANCE of power**
Gulick, Edward Vose. Europe's classical bal-
ance of power; a case history of the theory
and practice of one of the great concepts
of European statecraft. Cornell univ. press
'55 p311-25 annot
- BALANCE sheets.** See Financial statements
- BALATA**
Cook, L. Balata—its production, possibilities
and uses. Rubber Age 77:873-4 S '55
- BALDWIN, Simeon Eben, 1840-1927**
Jackson, Frederick Herbert. Simeon Eben
Baldwin; lawyer, social scientist, states-
man; foreword by Charles E. Clark. King's
crown press '55 p257-78
- BALDWIN, Thomas Whitfield, 1890-**
Allen, Don Cameron. ed. Studies in honor of
T. W. Baldwin [bibliog. by J. H. Smith]
Univ. of Ill. press '58 p267-76
- BALK, Robert, 1899-1955**
Cloos, E. Memorial to Robert Balk (1899-1955)
Geol Soc Am Proc 1955:99-100 J1 '56
- BALKAN peninsula**
History
Stavrianos, Leften Stavros. Balkans since
1453. (Rinehart bks. in European history)
Rinehart '58 p873-946 annot
- BALKAN states**
Munich. Südost-institut. Südosteuropa-biblio-
graphie, 1945-1950; v 1, pt 1, Slowakei, Ru-
mänien, Bulgarien. Oldenbourg '56 91p
United States. Armed forces staff college,
Norfolk, Virginia. Library. Bibliography:
Balkans and Middle East area. The library
'57 15p
Wolff, Robert Lee. Balkans in our time.
(Harvard univ. Russian research center.
Studies, 23; Am. foreign policy lib) Harvard
univ. press '56 p588-96 annot
- Politics
Jelavich, Charles. Tsarist Russian and Balkan
nationalism: Russian influence in the in-
ternal affairs of Bulgaria and Serbia, 1879-
1886. (Russian and East European studies)
Univ. of Calif. press '58 p287-94
- BALLADS**
Friedman, Albert B. ed. Viking book of folk
ballads of the English-speaking world.
Viking '56 p459-63
Laws, G. Malcolm. American balladry from
British broadsides; a guide for students
and collectors of traditional song. (Bibliog.
and special ser, v8) Am. folklore soc. '57
p302-9
Leach, MacEdward, ed. Ballad book. Harper
'55 p826-33
Paredes, Américo. With his pistol in his
hand; a border ballad and its hero. Univ.
of Tex. press '58 p251-8
Pinto, Vivian de Sola. and Rodway, Allan
Edwin, eds. Common muse; an anthology
of popular British ballad poetry, XVth-XXth
cent; with an introd. and notes. Philo-
sophical lib. '57 p440-3
Spanke, Hans. G. Raynauds bibliographie
des altfranzösischen liedes; neu bearb. und
ergänzt. (Musicologia, v 1) Brill '55 286p
- BALLET**
Haskell, Arnold, Lionel, ed. Ballet annual,
1955(1-1958) a record and year book of the
ballet. (V9-12) Black '54-'57 4v v9, p82,
134-5; v 10, p 137-8; v 11, p 145; v 12, p 149-
50 annot
National book league. Ballet: [catalogue of]
an exhibition of books, mss, playbills,
prints, etc. II. the development of the art
from its origins until modern times; or-
ganised by Ivor Guest. The league '57 70p
- BALLISTIC missiles.** See Guided missiles
- BALLISTICS**
Bevelander, Willem. Uitwendige ballistiek.
Excelsior '54 p 158-65
- BALLISTOCARDIOGRAPHY**
Merlen, Jean F. and Desruelles, Jean. La
ballistocardiographie (valeur pratique) préf.
du prof. René Legrand. Expansion scien-
tifique française '56 incl bibliog
- BALLOONS**
Ross, M. D. and Lewis, M. L. Role of manned
balloons in the exploration of space. Aero/
Space Eng 17:52+ Ag '58
- BALLOONS, Dirigible.** See Airships
- BALMES, Jaime Luciano, 1810-1848**
Urmeneta, Fermín de. Principios de filosofía
de la historia (a la luz del pensamiento
de Balmes) memoria. Bravo '52 p203-10
- BALTIC states**
Thomson, Erik. Baltische bibliographie, 1945-
1956. (Göttinger arbeitskreis. Ostdeutsche
beiträge, v5; Veröffentlichung no 173) Holz-
ner verlag '57 218p
- Foreign relations
Russia
Meissner, Boris. Die Sowjetunion, die balti-
schen staaten und das völkerrecht. Ver-
lag für politik & wirtschaft '56 p318-48
- Politics
Kirchner, Walther. Rise of the Baltic ques-
tion. (Del. Univ. Monograph ser, no3) Univ.
of Del. press '54 p265-73
- BALZAC, Honoré de, 1799-1850**
Castex, P. G. Où en sont les études bal-
zaciennes? Inf Litt 7:169-77 N '55
- BAMBOO**
United States. Foreign agricultural service.
Bamboo as a building material, by F. A.
McClure. The service '53 p50-2
- BAMILEKE (African people)**
Lecoq, Raymond. Les Bamileké; une civilisa-
tion africaine. (Présence africaine) Edi-
tions africaines '53 p212-13
- BANANAS**
Diseases and pests
Rishbeth, J. Fusarium wilt of bananas in
Jamaica. Ann Bot 19:327-8; 21:243-5, 608-9
J1 '56, Ap. O '57
- BANCROFT, Frederic, 1860-1945**
Cooke, Jacob E. Frederic Bancroft, historian;
with an introd. by Allan Nevins, and three
hitherto unpub. essays on the colonization of
Am. Negroes from 1801 to 1865, by Frederic
Bancroft. Univ. of Okla. press '57 p259-69

BANDS (music)

Berger, Kenneth Walter. Band bibliography; a bibliog. of bks. and sel. magazine articles regarding all band activities. Berger band '55 30p

BANKS and banking

Bank audit bibliography. J Account 107:78-80 F '59

Chandler, Lester Vernon. Economics of money and banking. 3d ed Harper '59 incl bibliog

Graduate school of banking theses approved for library circulation. Banking 48:146; 49:144-5; 50:44+; 51:90-1 D '55, N '56, Ja, N '58

Kent, Raymond P. Money and banking. 3d ed Rinehart '56 incl bibliog

Pritchard, Leland James. Money and banking. Houghton '58 p767-77

Smith, Lawrence. Money, credit, and public policy. Houghton '59 incl bibliog

Williams, A. Free foreign bank publications written in English. SLA Bsns & Fin Div Bul 1:22-7 O '58

See also

Agricultural credit

Credit

Discount

Federal reserve banks

Foreign exchange

Interest and usury

Investment banking

Investments

Investments, Foreign

Money

Canada

McIvor, Russel Craig. Canadian monetary, banking and fiscal development. Macmillan '58 p253-6

Egypt

Landes, David S. Bankers and pashas; int. finance and economic imperialism in Egypt. (Harvard univ. Research center in entrepreneurial history. Studies in entrepreneurial history) Harvard univ. press '58 p337-8, 341-4 annot

Switzerland

Schneider, Ernst. Die schweizerischen grossbanken im zweiten Weltkrieg, 1939-1945. Brunner & Bodmer '51 p6-14

United States

Cole, David Maurice. Development of banking in the District of Columbia. William-Fredrick press '59 p597-624

Federal reserve board publications. See numbers of Federal reserve bulletin

Finney, Katherine. Interbank deposits; the purpose and effects of domestic balances. 1934-54. Columbia univ. press '58 p 117-24

Hammond, Bray. Banks and politics in America, from the Revolution to the Civil war. Princeton univ. press '57 p747-60

Hanks, J. Whitney, and Stucki, Roland. Money, banking, and national income. Knopf '56 incl bibliog

Horvitz, Paul M. Concentration and competition in New England banking. (Research rep. no2-1958) Federal reserve bank of Boston '58 p 181-4

Schneider, Wilbert Marion. American bankers association; its past & present. Public affairs press '56 incl bibliog

Steiner, William Howard, and Shapiro, Eli. Money and banking; an intro. to the financial system; 4th ed [by the auths. and Ezra Solomon] Holt '58 incl bibliog

Stokes, Milton Lonsdale, and Arlt, Carl Tristan. Money, banking and the financial system. Ronald '55 p647-55

United States. Board of governors of the Federal reserve system. Federal funds market; a study by a Federal reserve system committee. (Federal reserve technical papers) The board '59 p 110-11

United States. Superintendent of documents. Finance. (Price list 28, 44th ed) U.S. Gov. ptg. office '57 20p

BANKS and banking, Cooperative

See also

Credit unions

BANNED books. See Prohibited books**BANTU languages**

Bourquin, W. Notes on the close vowels in Bantu. African Stud 14 no2:61-2 '55

BANTUS

Ginsberg, Evelyn Shirley, and others. Medical research on the Bantu in South Africa, 1920-Sept. 19521-Oct. 1952-Sept. 1957] a bibliography. School of librarianship. Univ. of Cape Town '52-'57 2v

See also

Yao (African tribe)

BAPTISM

Gilmore, Alec, ed. Christian baptism; a fresh attempt to understand the rite in terms of scripture, history and theology; with an introd. chapter by E. A. Payne. Judson press '59 p327-32

Hegelbacher, Othmar. Die christliche taufe als rechtsakt nach dem zeugnis der frühen Christenheit. (Paradosis; beiträge zur geschichte der altchristlichen literatur und theologie, 8) Universitätsverlag '53 p v-ix

BAPTIST brotherhood

Brown, Archie E. Million men for Christ; the history of the Baptist brotherhood. Convention '56 p 178-9

BAPTISTS

Crismom, L. T. Literature of the Baptists. Relig in Life 25:117-31 Winter '55-'56

Lord, Fred Townley. Baptist world fellowship; a short history of the Baptist world alliance. Broadman '55 p 179-80

See also

Anabaptists

Church of the brethren

Free Baptists

Missions

Torbet, Robert George. Venture of faith: the story of the Am. Baptist foreign mission soc. and the Woman's Am. Baptist foreign mission soc, 1814-1954; with a foreword by Jesse R. Wilson. Judson press '55 p599-612

BAPTISTS in the United States

Boyd, Jesse Laney. History of Baptists in America prior to 1845. Am. press '57 p 194-8

Hayward, Elizabeth, and Scott, Roscoe Ellis. To thee this temple; the life, diary and friends of Jacob Richardson Scott (1815-1861) Am. Baptist historical soc. '55 p379-80

Missions

Lawrence, John Benjamin. History of the Home mission board. Broadman '53 p 169-70

BARBADOS cherries

Ledin, Robert Bruce. Barbados or West Indian cherry. (Bul. 594) Agricultural experiment station. Univ. of Fla. '53 p25-8

BARBARA, Saint, d 235?

Jeffries, Olen C. Saint Barbara, patron saint of artillery. (Special bibliog. no 1) Lib. Artillery school, Fort Sill '55 4p annot

Lede, marques de. Ensayo de una bibliografía de publicaciones dedicada a Santa Barbara. Acad Hist Bol 140:195-282 Ja '57

BARBEY D'AUREVILLY, Jules Amédée, 1808-1889

Bollery, J. Etat présent des études sur Barbey d'Aurevilly. Inf Litt 10:93-104 My '58

BARBITURIC acid

Lous, Per. Kvantitative, kemiske barbitursyrestudier hos mennesker; en oversigt; with an English summary. Munksgaard '54 p53-9

BARCOS, Martin de, 1600-1678

Barcos, Martin de. Correspondance de Martin de Barcos, abbé de Saint-Cyran, avec les abbesses de Port-Royal et les principaux personnages du groupe janséniste; éd. et présentée par Lucien Goldmann. (Bibliothèque de philosophie contemporaine; Histoire de la philosophie et philosophie générale; Inst. français d'Amsterdam. Pubs, v4) Presses univ. de France '56 p607-9

BARCROFT, Sir Joseph, 1872-1947

Franklin, Kenneth James. Joseph Barcroft, 1872-1947. Blackwell '53 p353-66

BARITE

Dean, Basil G. and Brobst, Donald Albert. Annotated bibliography and index map of barite deposits in United States; incl. references to Sept. 15, 1954. (U.S. Geological survey. Bul. 1019-C) U.S. Gov. ptg. office '55 186p

Peters, W. C. Economic position of Western barite deposits. Min Eng 10:976 S '58

South Australia. Geological survey. Department of mines. South Australian barites. (Abstract bul. no5) The department '56 1p annot

BARIUM titanate

Great Britain. Admiralty centre for scientific information and liaison. Library. Bibliography of literature relating to barium titanate. (Bibliog. no4) Dept. of research programmes & planning '51 22p

BARK

Chang, Ying-po. Anatomy of common North American pulpwood barks. (TAPPI monograph ser, no 14) Technical assn. of the pulp & paper industry '54 incl bibliog

Ewart, M. H. and others. Studies on the chemistry of the living bark of the black locust in relation to its frost hardiness. *Plant Physiol* 29:412-13 S '54

BARK beetles

Wellenstein, Gustav, and others, eds. Die grosse borkenkäferkalamität in Südwestdeutschland, 1944-1951; berichte und studien zur lebensweise, epidemiologie und bekämpfung der rindenbrütenden käfer an fichte und tanne. The editors '54 incl bibliog

BARK peeling

Thompson, Warren S. and Birdsall, Keith C. Chemical debarking of southern trees. (Technical bul. 42) Agricultural experiment station, Miss. state college '57 p28

Wilcox, Hugh, and others. Chemical debarking of some pulpwood species; with a sec. on The Effect of chemical debarking on forest wildlife, by William L. Webb [and others] (Technical pub. 77) College of forestry, State univ. of New York '56 p42-3

BARKER, George Carpenter, 1912-1958

Holjer, H. George C. Barker. *Am Anthropol* 60:933 O '58

BARKER, Harley Granville Granville-. See Granville-Barker, H. G.**BARLAAM and Joasaph (legend)**

Lang, David Marshall. Wisdom of Balahvar; a Christian legend of the Buddha. (Ethical and religious classics of east and west, no20) Macmillan '57 p 125-8

BARLEY

Robertson, D. W. and others. Summary of linkage studies in barley: supplement II, 1947-1953. *Agron J* 47:424-5 S '55

BARNACLES

Daniel, A. Development and metamorphosis of three species of sessile barnacles. *Madras Univ J secB* 28:45-7 Ap '58

BARNs and stables

Angus, R. C. and Barr, W. L. Appraisal of research literature dealing with loose and conventional dairy cattle housing: a review. *J Dairy Sci* 38:404-6 Ap '55

BARNUM, Philneas Taylor, 1810-1891

Wallace, Irving. Fabulous showman: the life and times of P. T. Barnum. Knopf '59 p309-17

BAROJA Y NESSI, Pío, 1872-

Caro Baroja, Pío. La soledad de Pío Baroja. The author '53 p 141-62

Gómez-Santos, Mariano. Baroja y su máscara (diálogos y confidencias) Editorial AHR '56 p215-33

BAROQUE architecture. See Architecture. Baroque**BAROQUE art. See Art, Baroque****BAROQUE literature**

Yale university. Library. Yale collection of German literature. German baroque literature: a catalogue of the coll. in the Library by Curt von Faber du Faur [tr. by Leon Nemoj (Bibliog ser) Yale univ. press '58 496p

History and criticism

Buffum, Imbrie. Studies in the baroque from Montaigne to Rotrou. (Yale Romanic studies, 2d ser, no4) Yale univ. press '57 p248-9

Cioranescu, Alexandre. El barroco; o, El descubrimiento del drama. Univ. de La Laguna '57 p425-33

BARREN county, Kentucky

Jillson, Willard Rouse. Bibliography of Barren county, Kentucky: citations of ptd. and ms. sources touching upon its history, geology, oil, gas, salt, and caves, with brief annotations. Roberts print. co. '57 36p

BARRES, Maurice, 1862-1923

Barres, Maurice. Barres par lui-même: images et textes présentés par Jean-Marie Domenach. (Écrivains de tousjours, 25) Éditions du Seuil '54 p 188-90

BARTH, Karl, 1886-

Barth, Karl. Faith of the church: a commentary on the Apostle's creed according to Calvin's Catechism; ed. by Jean-Louis Leuba; tr. by Gabriel Vahanian. (Living age bks. LA22) Meridian bks. '58 p 175-88

Berkouwer, Gerrit Cornelis. Triumph of grace in the theology of Karl Barth. Eerdmans '56 p395-403

Bouillard, Henri. Karl Barth. (Théologie; études pub. sous la direction de la Faculté de théologie S. J. de Lyon-Fourvière, 38-39) Aubier '57 3v v 1, p263-75

Kirschbaum, C. von. Bibliographie. (In Antwort: Karl Barth zum siebzigsten geburtstag am 10. Mai 1956. Evangelischer verlag '56 p945-60)

Riverso, Emmanuele. La teologia esistenzialistica di Karl Barth; analisi, interpretazione e discussione del sistema. Istituto editoriale del Mezzogiorno '55 p403-15

BARTHOLDI, Frédéric Auguste, 1834-1904

Betz, Jacques. Bartholdi. Éditions de minuit '54 p271-4

BARTÓK, Béla, 1881-1945

Gerson-Kiwi, E. Béla Bartók—scholar in folk music. *Mus & Lett* 38:154 Ap '57

Szabolcsi, Bence, ed. Bartók, sa vie et son œuvre [bibliog. des œuvres musicales et écrits musicologiques de Béla Bartók par A. Szöllösy] Corvina '56 p299-345

BARTON, Clara Harlowe, 1821-1912

Ross, Ishbel. Angel of the battlefield: the life of Clara Barton. Harper '56 p291-4

BARTONELLACEAE

Peters, D. and Wigand, R. Bartonellaceae. *Bact R* 19:153-5 S '55

BARTRAM, John Greer, 1893-1955

Dott, R. H. Memorial to John Greer Bartram (1899-1955) *Geol Soc Am Proc* 1955:106 Jl '56

BASAL metabolism. See Metabolism**BASALT**

Sukheswala, R. N. and Poldervaart A. Deccan basalts of the Bombay area, India. *Geol Soc Am Bul* 69:1492-4 D '58

BASE saturation of soils. See Soils—Base saturation**BASEBALL**

Kahn, Roger, and Wismer, Henry. 1955 [-1956] mutual baseball almanac. Doubleday '55-'56 2v 1955, p245-7; 1956, p184-6

Skubic, E. Emotional responses of boys to Little league and Middle league competitive baseball. *Res Q* 26:351-2 O '55

See also

Softball**BASEL**

Basler bibliographie, 1949/51[-1955] Basler Z Gesch & Altertumsk 52 sup:1-106; 53 sup:1-63; 54 sup:1-46; 55 sup:1-52 '53-'56

BASKETBALL

Basketball guide for girls and women with official rules and standards. Sept. 1958-Oct. 1959; ed. Catherine Smell [rev. bibliog. by Mary L. Mott] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p62-4

Hobson, Howard Andrew. Scientific basketball; for coaches, players, officials, spectators and sportswriters. 2d ed Prentice-Hall '55 p236-58 annot

BASQUE language

Houghton, Herbert Pierrepont. Verb in Guipuzcoan Basque. The author '56 p57

Tovar, Antonio. Basque language; tr. by Herbert Pierrepont Houghton. Univ. of Pa. press '57 p 111-12

BASQUE literature

Simón Díaz, José. Bibliografía de la literatura hispánica; dirección y prólogo de Joaquín de Entrambasaguas. Consejo superior de investigaciones científicas, Inst. Miguel de Cervantes de filología hispánica '50-'55 4v

BASQUE philology

Golden, Herbert Hershel, and Simches, Seymour Oliver. Modern Iberian language and literature; a bibliog. of homage studies. Cambridge '58 184p

BASQUE provinces

Veyrin, Philippe. Les Basques de Labourd, de Soule et de Basse Navarre; leur histoire et leurs traditions. new rev ed Arthaud '55 p307-24

BASQUE provinces—Continued

Antiquities

Barandiarán, José Miguel de. El hombre prehistórico en el país vasco; dibujos del autor; varios gráficos fueron adaptados para la presente ed. por Kermán Ortiz de Zárate. (Biblioteca de cultura vasca, 42) Editorial Vasca Ekin '53 p253-63

BASUTOS

Sheddick, Vernon George John. Southern Sotho. (Ethnographic survey of Africa: Southern Africa, pt2) Int. African inst. '53 p80-4

BATCHELDER, Charles Foster, 1856-1954

Taber, W. In memoriam: Charles Foster Batchelder. Auk 75:23-5 Ja '58

BATRACHIA. See Amphibia

BATS

Baker, H. G. and Harris, B. J. Pollination of parkia by bats and its attendant evolutionary problems. Evolution 11:459-60 D '57

Griffin, Donald Redford. Listening in the dark; the acoustic orientation of bats and men. Yale univ. press '58 p387-402

Griffin, D. R. and Novick, A. Acoustic orientation of neotropical bats. J Exp Zool 130: 293-4 N '55

Hiregaudaur, L. E. and Bal, D. V. Some ectoparasites of bats from India. Agra Univ J Res 5:131-4 Ja '56

Koopman, K. F. Land bridges and ecology in bat distribution on islands off the northern coast of South America. Evolution 12:438-9 D '58

Orr, R. T. Natural history of the pallid bat, antrozous pallidus (Le Conte) Calif Acad Sci Proc 28 no4:240-6 '54

Twente, J. W. Some aspects of habitat selection and other behavior of cavern-dwelling bats. Ecology 36:731-2 O '55

Vaughan, Terry A. Functional morphology of three bats: eumops, myotis, macrotus. (Pubs. v 12, no 1) Museum of natural history, Univ. of Kan. '59 p 135-6

Anatomy

Quay, W. B. and Reeder, W. G. Hemorrhagic and hemopoietic nodules in the alar and interfemoral membranes of pizonyx vivesi (chiroptera) J Morphol 94:457-60 My '54

BATTERIES, Electric. See Electric batteries

BATTLES

See also

European war, 1914-1918—Campaigns and battles

United States—History—Civil war—Campaigns and battles

United States—History—Revolution—Campaigns and battles

World war, 1939-1945—Campaigns and battles also names of battles, e.g. Gettysburg, Battle of

BAUCH, Kurt, 1897-

Festschrift Kurt Bauch: kunstgeschichtliche beiträge zum 25. november 1957; hrsg. von Berthold Hackelsberger [et al bibliog. by G. Himmelheber] Deutscher kunstverlag '57 p264-7

BAUDELAIRE, Charles, 1821-1867

Ceuvres de Charles Baudelaire. Biblio 26:12 Ja '58

Paris. Bibliothèque nationale. Charles Baudelaire; exposition organisée pour le centenaire des Fleurs du mal. The library '57 124p

Starkie, Enid. Baudelaire. New directions '58 p575-80

Tomic, J. Baudelaire en Yougoslavie. Stud Rom Zagrabien 2:33-43 D '57

Wisconsin. University. Madison memorial library. Baudelaire; an exhibition commemorating the centennial of Les fleurs du mal. The university '57 p 11-26 annot

BAUER, Gérard, 1888-

Ceuvres de Gérard Bauer, essai de bibliographie. Biblio 25:10 My '57

BAUM, Lyman Frank, 1856-1919

Baum, Lyman Frank. Wizard of Oz & who he was [by] Martin Gardner and Russel B. Nye. Mich. state univ. press '57 p201-8 annot Columbia university. Libraries. L. Frank Baum: Wonderful wizard of Oz; an exhibition of his pub. writings, in commemoration of the centenary of his birth, May 16, 1856. Columbia univ. libs. '56 50p annot

Ford, Alla T. and Martin, Dick. Musical fantasies of L. Frank Baum; with 3 unpub. scenarios by the auth. of The wizard of Oz. Wizard press '58 p72-80 annot

BAUMANN, Eberhard, 1871-

Pfeiffer, E. and Rabenau, K. von. Die wissenschaftlichen arbeiten von D. Eberhard Baumann. Theol Literaturz 82:col 715-18 S '57

BAUXITE

Corcoran, Raymond E. and Libbey, F. W. Ferruginous bauxite deposits in the Salem hills, Marion county, Oregon. (Bul. no46) Ore. Dept. of geology & mineral industries '56 p50-3

Eyles, Victor Ambrose. Composition and origin of the antrim laterites and bauxites; with mineral determinations by X-ray methods by F. A. Bannister [and others] (Gt. Brit. Geological survey. Memoirs: Northern Ireland) H.M.S.O. '52 p82-5

Fischer, Elizabeth Claire. Annotated bibliography of the bauxite deposits of the world. (U.S. Geological survey. Bul. 999) U.S. Gov. ptg. office '55 221p

United States. Bureau of mines. Materials survey; bauxite; comp. for Nat. security resources board by the Bureau with the cooperation of the Geological survey. The bureau '53 42p at end

Vadász, M. Elemér. Bauxitföldtan. Akadémiai-kiadó '51 p 121-7

BAVARIA

Thiel, Herman Otto. Bayern im buch; eine auswahlliste bayerisch-fränkischer heimatliteratur für volksbüchereien; unter mitarbeit von E. Franzel. (Der Büchermarkt. Sonderheft 1) The author '55 52p

Religion

See also

Catholic church in Bavaria

BAVELY, Ernest, d 1950

Metten, C. and Morrison, J. Ernest Bavelly: a bibliography and a tribute. Educ Theatre J 7:22-4 Mr '55

BAZIN, Hervé, 1911-

Ceuvres d'Hervé Bazin; essai de bibliographie. Biblio 24:9 My '56

BEACH flies. See Simuliidae

BEACH plants

See also

Seashore vegetation

BEACHES

See also

Sand dunes

BEAMS and girders. See Girders

BEANS

Kaplan, L. Cultivated beans of the prehistoric Southwest. Mo Bot Gard Ann 43:225-7 My '56

See also

Soybeans

Diseases and pests

Zaumeyer, William John, and Thomas, Herbert Rex. Monographic study of bean diseases and methods for their control. (U.S. Dept. of agriculture. Technical bul. no868) U.S. Gov. ptg. office '57 p 192-255

BEARD, Charles Austin, 1874-1948

Berg, Elias. Historical thinking of Charles A. Beard. (Statsvetenskapliga föreningen, Uppsala. Skrifter, 38) Almqvist '57 p72-83

Froeman, J. and Cronon, E. D. Bibliography of Beard's writings. (In Beale, Howard Kennedy, ed. Charles A. Beard; an appraisal, by Eric F. Goldman [and others] Univ. of Ky. press '54 p265-86)

Strout, Cushing. Pragmatic revolt in American history: Carl Becker and Charles Beard. (Yale historical pubs. Wallace Notestein essays, no3) Yale univ. press '58 p 163-76

BEARINGS

Bearings, lubricants, and lubrication: a digest of 19541-19581 literature. Mech Eng 77: 789-801; 78:711-14; 79:850-2; 80:64-74; 81:65-9 S '55, Ag '56, S '57, S '58, O '59

Geary, Peter John. Knife-edge bearings: a bibliog. survey. (Bibliog. survey of instrument pts. no2) British scientific instrument research assn. '55 61p

Hersey, M. D. and Snapp, R. B. Testing dynamically loaded bearings. Am Soc Mech Eng Trans 79:1254-5, 1265 Ag '57

Radzimovsky, Eugene Ivan. Lubrication of bearings; theoretical principles and design. Ronald '59 p321-5

Schmid, Erich, and Weber, Richard. Gleitlager. Springer '53 p364-83

Slaymaker, Robert Ridgley. Bearing lubrication analysis. Wiley '55 incl bibliog

BEARINGS—Continued

Vogelpohl, Georg. Betriebssichere gleitlager; berechnungsverfahren für konstruktion und betrieb. Springer '58 p303-10

See also

Friction

BEARS

Couturier, Marcel. L'ours brun; ursus arctos L. The author. '54 p769-839
Storer, Tracy Irwin, and Tevis, Lloyd P. California grizzly. Univ. of Calif. press '55 p305-29

BEAUCLAIR, Gotthard de, 1907-

Göpel, E. Bibliographie der Veröffentlichungen von Gotthard de Beaucclair. Philobiblon 1: 117-18 My '57

BEAUMARCHAIS, Pierre Augustin Caron de, 1732-1799

Pomeau, René. Beaumarchais, l'homme et l'œuvre. (Connaissance des lettres, 47) Hatier-Boivin '56 p201-6

BEAURAING, Belgium. Notre Dame de (shrine)

Sharkey, Donald C. and Debergh, Joseph. Our Lady of Beauraing. Hanover house '58 p239

BEAUTY, Personal

Foreman, Ethel. Better health, nicer skin, longer life. Meador '59 p205-3
Morton, Grace Margaret. Arts of costume and personal appearance; 2d ed. rev. by Carolyn Ruby [and others] Wiley '55 incl bibliog annot

See also

Cosmetics

BEBEL, August, 1840-1913

Leidigkeit, Karl Heinz. Wilhelm Liebknecht und August Bebel in der deutschen Arbeiterbewegung, 1862-1869. (Leipzig Univ. Inst. für deutsche geschichte, Schriftenreihe, v3) Rütten & Loening '57 p205-13

BECKER, Carl Lotus, 1873-1945

Smith, Charlotte Watkins. Carl Becker: on history & the climate of opinion. Cornell univ. press '56 p213-18

Strout, Cushing. Pragmatic revolt in American history: Carl Becker and Charles Beard. (Yale historical pubs. Wallace Notestein essays, no3) Yale univ. press '58 p 163-76

BECKER, Otto, 1835-

Göhring, Martin, and Scharff, Alexander, eds. Geschichtliche kräfte und entscheidungen; festschrift zum fünfundsechzigsten geburts-tage von Otto Becker. Steiner '54 p311-14

BÉCQUER, Gustavo Adolfo, 1836-1870

King, Edmund L. Gustavo Adolfo Bécquer: from painter to poet; together with a concordance of the Rimas. Editorial Porrúa '53 p325-9

BEDARIDA, Henri

Bédarida, Henri. A travers trois siècles de littérature italienne l'oeuvre à l'auteur par ses collègues, ses amis, ses élèves et la Société des études italiennes (Soc. des études italiennes. Pubs, 4) Didier '57 p459-79

BEDBUGS

Davis, N. T. Morphology and functional anatomy of the male and female reproductive systems of cimex lectularius L. (heteroptera, cimicidae) Entom Soc Am Ann 49:492-3 S '56

BEE culture

Hitchcock, J. D. Honey bee queens whose eggs fail to hatch. J Econ Entom 49:13-14 F '56
Queens college. Flushing, New York. Paul Klapper library. Feminine monarchie; for an exhibition on bees and civilization, by Toge S. K. and Mildred P. Johansson. The library '59 p9-10

Sechrist, Edward Lloyd. Amateur bee-keeping. Devin-Adair '55 p 142-3

BEECH

Ward, R. T. Beech forests of Wisconsin; changes in forest composition and the nature of the beech border. Ecology 37:417-19 JI '56

Ward, R. T. Beech forests of Wisconsin; their phytosociology and relationships to forests of the state without beech. Ecology 39:456-7 JI '58

BEEK, Albert van, 1787-1856

Cittert-Eymers, J. G. van. Albertus van Beek, 1787-1856. (Akad. van wetenschapen. Amsterdam. Afdeling voor de taal-, letter-, geschiedkundige en wijsgeerige wetenschapen. Verslagen en mededeelingen. new ser. v21, no5) Noord-Hollandsche uitg. mij. '58 p29-39

BEEKEEPING. See Bee culture**BEER**

Shih, K'o-ching, and Shih, Chü-ying. American brewing industry and the beer market; a statistical analysis and graphic presentation. (Studies of Am. industries ser, no 1) The authors '58 p 120-2

BEERBOHM, Sir Max, 1872-

Riewald, Jacobus Gerhardus. Sir Max Beerbohm, man and writer; a critical analysis with a brief life and a bibliography; with a prefatory letter by Sir Max Beerbohm. Nijhoff '53 p213-343

BEES

Deodikar, G. B. and others. Cyto-genetic studies in Indian honey-bees. Ind Acad Sci Proc secB 49:205-6 Mr '59

Groot, Antonius Petrus de. Protein and amino acid requirements of the honeybee (apis mellifica L.) W. Junk '53 p83-90

Hobbs, G. A. and Lilly, C. E. Ecology of species of megachile Latreille in the mixed prairie region of southern Alberta with special reference to pollination of alfalfa. Ecology 35:461-2 O '54

Hurd, Paul David. American bees of the genus dioxys Lepeletier and Serville (hymenoptera: megachilidae) (Calif. Univ. Pubs. in entomology, v 14, no4) Univ. of Calif. press '58 p293-9

Hurd, Paul David, and Michener, Charles D. Megachiline bees of California (hymenoptera: megachilidae) (Calif. Insect survey. Bul. v2, no3) Univ. of Calif. press '55 p223-4

Hurd, P. D. Observations on the nesting habits of some New World carpenter bees with remarks on their importance in the problem of species formation (hymenoptera: apoidea) Entom Soc Am Ann 51:374-5 JI '58

Leppik, E. E. Form and function of numeral patterns in flowers. Am J Bot 43:455 JI '56

Lieftinck, M. A. Preliminary account of the bees of the Canary islands (hym. apoidea). (Finska vetenskaps-societeten, Helsingfors. Commentationes biologicae, XVIII, 5; Entomological results of the Finnish expedition to the Canary islands, 1947-1951, no 16) Munksgaard '58 p32-4

Linsley, Earle Gorton, and MacSwain, John Winslow. Ethology of some ranunculid insects with emphasis on competition for pollen. (Calif. Univ. Pubs. in entomology, v 16, no 1) Univ. of Calif. press '59 p31-3

Linsley, E. G. Ecology of solitary bees. Hilgardia 27 no 19:585-99 O '58

Maurizio, A. Zuckerabbau unter der einwirkung der invertierenden fermenten in pharynxdrüsen und mitteldarm der honigbiene (apis mellifica L.) Insectes Soc 4: 242-3 JI '57

Michener, Charles Duncan, and Moure, Jesus S. Study of the classification of the more primitive non-parasitic anthophorine bees (hymenoptera, apoidea) (Bul. v 112, article 5) Am. museum of natural history '57 p450-1

Rothenbuhler, W. C. Diploid male tissue as new evidence on sex determination in honey bees. J Heredity 48:167-8 JI '57

Rozen, Jerome George. Monographic study of the genus nomadopsis Ashmead (hymenoptera: andrenidae) (Calif. Univ. Pubs. in entomology, v 15) Univ. of Calif. press '58 p 195-6

Schönfeld, Antonín. Anatomie, morfologie a fyziologie včely medonosné. (Živočišná výroba). Vydala Československá akad. zemědělských věd v Státním zemědělském nakl. '55 p357-63

Snodgrass, Robert Evans. Anatomy of the honey bee. Comstock pub. associates '56 p316-28

Tucker, K. W. Automictic parthenogenesis in the honey bee. Genetics 43:315-16 My '58

See also

Bumblebees

Periodicals

Frykholm, Lars. Förteckning över bitidskrifter. 2d ed K. Lantbrukshögskolan '54 22p

BEEYLES

Becker, E. C. Revision of the nearctic species of agriotes (coleoptera: elateridae) Can Entom 88 sup 1:93-5 '56

Benschoter, C. A. and Cook, E. F. Revision of the genus omphron (cadabidae, coleoptera) of North America north of Mexico. Entom Soc Am Ann 49:428-9 S '56

Brown, W. J. New World species of chrysomela L. (coleoptera: chrysomelidae) Can Entom 88 sup3:52-4 '56

BEETLES—Continued

- Bryant, G. B. and Gressitt, J. L. Chrysomelidae of Fiji (coleoptera). *Pac Sci* 11:90-1 Ja '57
- Carne, P. B. Ecological study of the pasture scarab aphodius howitti Hope. *Australian J Zool* 4:312-13 D '56
- Carne, P. B. Systematic revision of the Australian dynastinae (coleoptera: scarabaeidae) Div. of entomology. Commonwealth scientific & industrial research organization, Australia '57 p213-14
- Cermáková, A. and others, eds. Mandelinka bramborová (leptinotarsa decemlineata Say) přehled literatury. (Prameny literatury, v3, 1958, no4) Československá akad. zemědělských věd '58 60p
- Crowson, Roy A. Natural classification of the families of coleoptera. Lloyd '55 p 174-6
- Deobhakta, S. R. Embryonic development of mylabris pustulata Thunb. *Agra Univ J Res* 6:136-46 Ja '57
- Estacio, F. L. de Faria. A entomofauna dos produtos amazenados; os tribolium spp. (coleoptera, tenebrionidae) (Estudos, ensaios e documentos, 18) Portugal. Junta das missões geográficas e de investigações do ultramar '56 p89-96
- Finnegan, R. J. Elm bark beetles in south-western Ontario. *Can Entom* 89:279-80 Je '57
- Gerberg, Eugene Jordan. Revision of the New World species of powder-post beetles belonging to the family lyctidae. (U.S. Dept. of agriculture. Technical bul. no 1157) U.S. Gov. ptg. office '57 p46-55
- Gidaspow, Tatiana. North American caterpillar hunters of the genera calosoma and callisthenes (coleoptera, carabidae) (Bul. v 116, article 3) Am. museum of natural history '59 p320-3
- Gressitt, J. Linsley. Coconut rhinoceros beetle (oryctes rhinoceros) with particular reference to the Palau islands. (Bul. 212) Bernice Pauahi Bishop museum '53 p 132-47
- Koch, C. Monograph of the tenebrionidae of southern Africa. (Memoir no7) Transvaal museum '55 p233-6
- Krekeler, C. H. Speciation in cave beetles of the genus pseudanophthalmus (coleoptera, carabidae) *Am Midl Nat* 59:187-9 Ja '58
- Lengerken, Hanns von. Die brutfürsorge und brutpflegeinstinkte der käfer. 2d ed Akademie verlagsgesellschaft '54 p367-72
- Lindgren, D. L. and others. Khapra beetle, trogloderma granarium Everts. *Hilgardia* 24:33-6 Ag '55
- MacSwain, John Winslow. Classification of the first instar larvae of the meloidae (coleoptera) (Calif. Univ. Pubs. in entomology, v 12) Univ. of Calif. press '56 p141-9
- Marx, Edward J. F. Review of the subgenus donacia in the western hemisphere (coleoptera, donaciidae). (Bul. v 112, article 3) Am. museum of natural history '57 p277-8
- Osgood, Eban A. Bibliography on the southern pine beetle, dendroctonus frontalis Zimmer. (Station paper no80) U.S. South-eastern forest experiment station '57 19p
- Selander, R. B. Systematic position of the genus nephrites and the phylogenetic relationships of the higher groups of rhipiphoridae (coleoptera) *Entom Soc Am Ann* 50:103 Ja '57
- Thomas, J. B. Use of larval anatomy in the study of bark beetles (coleoptera: scolytidae) *Can Entom* 89 sup5:29-31 '57
- Vaurie, Patricia. Revision of the genus diplotaxis (coleoptera, scarabaeidae, melolonthinae) (Bul. v 115, article 5) Am. museum of natural history '58 p394-5
- Vaurie, Patricia. Revision of the genus trox in North America (coleoptera, scarabaeidae). (Bul. v 106, article 1) Am. museum of natural history '55 p87-8
- Watson, W. Y. Study of the phylogeny of the genera of the tribe coccinellini (coleoptera) (Contributions, no42) Div. of zoology & paleontology, Royal Ontario museum '56 p48-52
- Willis, E. R. and Roth, L. M. Reactions of flour beetles of the genus tribolium to carbon dioxide and dry air. *J Exp Zool* 127:150-2 O '54
- See also
Bark beetles
Borers (insects)
Cockchafers
Erotylidae
Water beetles
- BEETS and beet sugar
Archimowitsch, A. Selective breeding of sugar-beets in Russia and the U.S.S.R. *Bot R* 22:33-7 Ja '56
- Gates, L. F. and Hull, R. Experiments on black leg disease of sugar-beet seedlings. *Ann Ap Biol* 41:560-1 D '54
- BEHAVIOR. See Conduct of life; Etiquet
- BEHAVIOR (psychology)
Adams, J. K. Laboratory studies of behavior without awareness. *Psychol Bul* 54:402-5 S '57
- Association for research in nervous and mental disease. Brain and human behavior; proceedings of the association, Dec. 7 and 8, 1956, New York. (Research pubs. v36) Williams & Wilkins '58 incl bibliog
- Berg, I. A. Response bias and personality: the deviation hypothesis. *J Psychol* 40:71-2 Jl '55
- Berlyne, D. E. Uncertainty and conflict: a point of contact between information-theory and behavior-theory concepts. *Psychol R* 64:338-9 N '57
- Current trends in the description and analysis of behavior [by] Robert Glaser [and others] Pittsburgh univ. press '58 incl bibliog
- Duffy, E. Psychological significance of the concept of arousal or activation. *Psychol R* 64:214-5 S '57
- Goodenough, Florence Laura. Developmental psychology; an introd. to the study of human behavior; 3d ed [by the auth. and] Leona E. Tyler. (Cent. psychology ser) Appleton '59 p533-7
- Harris, Dale B. ed. Concept of development; an issue in the study of human behavior. Univ. of Minn. press '57 incl bibliog
- Hathaway, S. R. Clinical intuition and inferential accuracy. *J Personality* 24:249-50 Mr '56
- Likert, Rensis, and Hayes, Samuel Perkins, eds. Some applications of behavioural research. (Science and society) UNESCO '57 incl bibliog annot
- Malmö, R. B. Anxiety and behavioral arousal. *Psychol R* 64:236-7 S '57
- Montagu, A. Behavior as viewed in the behavioral sciences and by American education. *Teach Coll Rec* 60:448 My '59
- National vitamin foundation. Symposium on nutrition and behavior; proceedings of a symposium held at the Univ. of Minn., School of public health, Laboratory of physiological hygiene, Minneapolis, Minn., Apr. 27, 1956; Josef Brožek ed. (Nutrition symposium ser, no 14) The foundation '57 incl bibliog
- Schaffer, H. R. Behavior under stress: a neurophysiological hypothesis. *Psychol R* 61:332-3 S '54
- Scott, John Paul. Aggression. (Scientist's lib: biology and medicine) Univ. of Chicago press '58 p 137-41
- Seward, J. P. Hull's system of behavior; an evaluation. *Psychol R* 61:157-9 My '54
- Simon, Herbert Alexander. Models of man: social and rational; mathematical essays on rational human behavior in a social setting. Wiley '57 incl bibliog
- Verplanck, W. S. Glossary of some terms used in the objective science of behavior. *Psychol R* 64 pt2:42 N '57
- Woodworth, Robert Sessions. Dynamics of behavior. Holt '58 p357-81
- Zolman, J. F. Effects of early training on later response efficiency. *Denison Univ Sci Lab J* 44:250-2 Je '58
- See also
Aggressiveness
Group behavior
- BEHAVIOR constancy. See Fixation (learning)
- BEHAVIOR variability
Seward, J. P. Constancy of the I-V: a critique of intervening variables. *Psychol R* 62:167-8 My '55
- BEHAVIORISM
See also
Conditioned responses
- BEING. See Ontology
- BEL. See Baal (deity)
- BELCHING. See Eructation
- BELGIAN CONGO. See Congo, Belgian
- BELGIAN literature (Flemish) See Flemish literature

BELGIAN literature (French)

Culot, Jean Marie. *Bibliographie des écrivains français de Belgique, 1881-1950.* (Acad. royale de langue et de littérature françaises de Belgique. Pubs) Palais des académies '58 304p

BELGIUM

Belgium. Belgian information center. Bibliography of books on subjects related to Belgium published in the U.S.A. from 1940 to 1957; with an addition of works by Belgian auths. on different subjects. The center '57 2v

Dumont, Maurice E. and Smet, L. de. *Aardrijkskundige bibliographie van België; Bibliographie géographique de la Belgique.* (Bibliographica belgica 14-17) Comm. belge de bibliographie '54-'56 4v

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Länderabteilung Belgien und Belgisch-Kongo; 208 titel mit signaturen der bibliothek; stand: februar 1951. (Auslands-kunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länderabteilung, no6) The library '51 22p

Hove, Julien van. La bibliographie en Belgique en 1951. (Pub. no 1) Comm. belge de bibliog. '51 13p

Luykx, Theo. *Cultuurhistorische atlas van België; woord vooraf door F. L. Ganshof.* Elsevier '54 incl bibliog

—Same: with title: *Atlas culturel historique de Belgique; préf. de F. L. Ganshof.* Elsevier '54 incl bibliog

Société des bibliophiles et iconophiles de Belgique. 125^e anniversaire de l'indépendance, 1830-1955; exposition à la Bibliothèque royale de Belgique du 16 décembre 1955 au 14 janvier 1956. The society '55 79p

Vries Reilingh, Hans Dirk de. België; lotgenoot in de lage landen; met medewerking van M. Vanhaegendoren. (Terra-bibliotheek) Boom '53 incl bibliog

Wachter, Leo de. *Repertorium van de Vlaamse gouwen en gemeenten; heemkundige dokumentatie, 1940-1950.* De Sikkel '53-'57 2v

Antiquities

Mariën, Marcel Édouard. *Oud-België, van de eerste landbouwers tot de komst van Caesar.* De Sikkel '52 p451-95

Colonies

Heyse, Théodore. *Bibliographie des territoires d'outre mer.* (Bibliog. belgica 26) Comm. belge de bibliog. '57 vp

Heyse, Théodore. *Contributions au progrès des sciences morales, politiques et économiques relatives aux territoires d'outre mer; 1. Relevés bibliographiques.* (Bibliog. belgica 32) Comm. belge de bibliog. '57 104p

See also

Congo, Belgian

Economic policy

See also

Benelux economic union

Government publications

Keppenne, M. Gh. *Les publications périodiques éditées par les services centraux des ministères, 1951.* (Bibliog. belgica 22) Comm. belge de bibliog. '57 64p

History

Académie royale des sciences, des lettres et des beaux-arts de Belgique. Commission royale d'histoire. *Catalogue des publications.* Catalogus van de publicaties. Secrétariat de la Comm. '55 28p

Bulletin d'histoire de Belgique en 1953 [-1957-1958] R Nord 37:31-67; 38:107-35; 39: 49-83; 40:75-108; 41:53-112 Ja '55, Ja '56, Ja '57, Ja '58, Ja '59

Cosemans, Arthur, and Heyse, Théodore. *Contribution à la bibliographie dynastique et nationale.* (Cahiers belges et congolais, no23-25) van Campenhout '54-'56 3v

Guyot de Mishaegen, G. *Histoire de Belgique; préf. par E. Lousse.* (Histoire de la civilisation) Wesmael-Charlier '53 incl bibliog

Kalken, Frans van. *Histoire de la Belgique et de son expansion coloniale.* Office de publicité '54 p850-62

Revolution, 1830-1839

Société des bibliophiles et iconophiles de Belgique. 125^e anniversaire de l'indépendance, 1830-1955; exposition à la Bibliothèque royale de Belgique du 16 décembre 1955 au 14 janvier 1956. The society '55 79p

History, Local

Hove, Julien van. *La bibliographie de la documentation locale en Belgique.* De bibliografie van de lokale dokumentatie in België. (Bibliog. belgica, 41) Comm. belge de bibliog. '59 55p

Kings and rulers

Cosemans, Arthur, and Heyse, Théodore. *Contribution à la bibliographie dynastique et nationale.* (Cahiers belges et congolais, no23-25) van Campenhout '54-'56 3v

BELIEF and doubt

See also

Faith

BELL, Sir Charles, 1774-1842

Gordon-Taylor, Sir Gordon, and Walls, Eldred Wright. *Sir Charles Bell, his life and times.* Livingstone '58 p265-79

BELLO, Andrés, 1781-1865

Venezuela. Biblioteca nacional, Caracas. Hemeroteca. Don Andrés Bello; bibliog. de trabajos sobre su vida y obra. (Catálogo analítico, entrega no 1) The library '56 119p

BELLOC, Hilaire, 1870-1953

Haynes, Renée. *Hilaire Belloc.* (Bibliog. ser. of sups. to British bk. news, no35) Longmans '53 p31-5

Speaight, Robert. *Life of Hilaire Belloc.* Farrar, Straus '57 p539-44

BELLS

Ellerhorst, Winfrid. *Handbuch der glockenkunde; die akustischen, technischen und künstlerischen grundlagen sowie die geschichte und pflege der glocken; bearb. und hrsg. von Gregor Klaus.* Verlag der Martinus buchhandlung '57 p235-40

BELTRAN MARTINEZ, Antonio, 1916-

Beltrán Martínez, Antonio. *La edad de los metales en Aragón, algunos problemas de las culturas del bronce final y de los albores del hierro; discurso de ingreso leído por Antonio Beltrán Martínez en el acto de su recepción académica el día 27 de febrero de 1955; discurso de contestación por Rafael Gastón Burillo.* Real acad. de nobles y bellas artes de San Luis '55 p58-61

BENDA, Julien, 1867-1956

Niess, Robert Judson. *Julien Benda.* Univ. of Mich. press '56 p337-54

BENEDICT, Saint, ca 480-547

Van Zeller, Huert. *Holy rule; notes on St Benedict's legislation for monks.* Sheed '58 p465-7

BENEDICT, Sister. See Stein, E.**BENEDICT, Francis Gano, 1870-1957**

DuBois, E. F. and Riddle, O. *Francis Gano Benedict.* (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p80-99)

BENEDICTINES

Comptes rendus. See numbers of Revue bénédictine

History

Bulletin d'histoire bénédictine. R Bénédictine 68:1-76 (at end) '58

BENEFIT societies

Rezhöhazy, Rudolf. *Histoire du mouvement mutualiste chrétien en Belgique.* (Louvain. Univ. catholique. Centre d'études sociales. Pubs) Eds. Erasme '57 p23-44

BENELUX economic union

Belgium. Ministère des affaires économiques. Bibliothèque. Bibliographie; livres, docs, brochures, périodiques, articles de revues et textes officiels traitant de l'Union douanière néerlandaise-belgo-luxembourgeoise (Benelux) catalogués à la Bibliothèque à la date du 15 septembre 1953. 2d ed The library '53 81p

BÉNÉVENT, Ernest

Mélanges géographiques offerts au doyen Ernest Bénévent, professeur de géographie à la Faculté des lettres d'Aix, 1920-1953, par ses amis et ses élèves à l'occasion de sa retraite. Editions Ophrys '54 p5-7

BENEVOLENT societies. See Benefit societies

- BENHAM, Rhoda Williams, 1894-1957**
Silva, M. and Hazen, E. L. Rhoda Williams Benham, 1894-1957. *Mycologia* 49:601-3 J1 '57
- BENN, Gottfried, 1886-1956**
Lohner, Edgar. Gottfried Benn; bibliog. 1912-1956. Limes verlag '58 118p
—Same; 1912-1955. *Philobiblon* 1:59-79 F '57
- BENNETT'S fracture. See Thumb—Dislocation**
- BENOIT, Pierre Léonard Léopold, 1834-1901**
Douleiz, Paul. Peter Benoit. (Componisten-serie, 29) Gottmer '55 p 169-72
- BENSON, William Noel, 1885-1957**
Hills, E. S. William Noel Benson. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p31-3)
- BENTLEY, Arthur Fisher, 1870-1957**
Taylor, Richard Wirth, ed. Life, language, law; essays in honor of Arthur F. Bentley. Antioch press '57 p215-17
- BENTON, Thomas Hart, 1782-1858**
Chambers, William Nisbet. Old Bullion Benton, Senator from the New West: Thomas Hart Benton, 1782-1858. (Atlantic monthly press bk) Little '56 p487-503
- BENZEDRINE**
Leake, Chauncey Depew. Amphetamines: their actions and uses. (Am. lecture ser, no338) Thomas '58 p 141-62
- BENZIDINE**
Sciarni, L. J. and Meigs, J. W. Biotransformation of benzidine (4,4'-diaminobiphenyl), an industrial carcinogen, in the dog. *AMA Archives Ind Health* 18:529-30 D '58
- BEOWULF**
Chambers, Raymond Wilson. Beowulf; an intro-d, to the study of the poem with a dis-cussion of the stories of Offa and Finn; with a sup. by C. L. Wrenn. 3d ed Cam-bridge '59 p553-613 annot
- BEREA college**
Peck, Elisabeth (Sinclair). Berea's first cen-tury, 1855-1955. Univ. of Ky. press '55 p205-10 annot
- BERENGARIO, Jacopo, d 1550**
Berengario, Jacopo. Short introduction to anatomy (Isagogae breves) tr. with an in-troduct. and historical notes by L. R. Lind and with anatomical notes by Paul G. Roofe. Univ. of Chicago press '59 p217-21
- BERENSON, Bernhard, 1865-**
Mostyn-Owen, William. Bibliografia di Bernhard Berenson. Electa editrice '55 74p
- BERESFORD, John Davys, 1873-1947**
Gerber, H. E. J. D. Beresford: a bibliog-raphy. *Bul Bibliog* 21:201-6 Ja '56
- BERG, Alban, 1885-1935**
Redlich, Hans Ferdinand. Alban Berg; ver-such einer würdigung. Universal ed. '57 p342-8
—Same; with title: Alban Berg, the man and his music. Abelard-Schuman '57 p305-12
- BERGE, Wendell, 1903-1955**
United States. Library of Congress. Manu-script division. Wendell Berge; a register of his papers in the Library. The division '58 12p
- BERGENGRUEN, Werner, 1892-**
Bergengruen, Werner. Privilegien des dichter; vorwort von Reinhold Schneider; mit photos und bibliographie. Verlag der arche '57 p73-131
- BERGHAUS, Heinrich Karl, 1797-1884**
Beck, H. Heinrich Berghaus und Alexander von Humboldt. Petermanns Geog Mitt 100 no 1:15-16 '56
- BERGMAN, Torbern Olof, 1735-1784**
Mostrom, Brigitta. Torbern Bergman: a bib-liography of his works. (New eds. of Tor-bern Bergman literature, 2) Almqvist '57 120p
- BERGQUIST, Standard Gustav, 1892-1956**
Smith, R. A. Memorial to Standard Gustav Bergquist (1892-1956) *Geol Soc Am Proc* 1956:114-15 S '57
- BERGSON, Henri Louis, 1859-1941**
Arbour, Roméo. Henri Bergson et les lettres francaises. Corti '55 p425-31
Heidsieck, François. Henri Bergson et la no-tion d'espace. (Les Grandes études, 6) Le cercle du livre '57 p 187-91
Maritain, Jacques. Bergsonian philosophy and Thomism; tr. by Mabelle L. Anderson, in collaboration with J. Gordon Anderson. Philosophical lib. '55 p378-80
Mossé-Bastide, Rose Marie. Bergson, éduca-teur. Presses universitaires de France '55 p359-448
- Mossé-Bastide, R. M. Note pour une biblio-graphie bergsonnienne. *Etud Bergson-niennes* 4:243-54 '56
- BERKELEY, George, bp. of Cloyne, 1685-1753**
Sillem, Edward Augustus. George Berkeley and the proofs for the existence of God. Longmans '57 p227-30
- BERKEY, Charles Peter, 1867-1955**
Kerr, P. F. Charles Peter Berkey, 1867-1955. (In National academy of sciences. Bio-graphical memoirs. Columbia univ. press '57 p51-6)
- BERKOV, Pavel Naumovich, 1896-**
Winter, E. P. N. Berkov und die biblio-graphie der russischen aufklärung im 18. Jahrhundert. *Z Slawistik* 2 no4:594-7 '57
- BERKSHIRE county, Great Britain**
Reading, England. Public libraries. Local col-lection catalogue of books and maps relat-ing to Berkshire. Central public library '53 259p
- BERLIN**
600 mal Berlin; die wichtigste Berliner heimat-literatur aus den beständen der Berliner stadtbibliothek und der Ratsbibliothek. (Unser Berlin in buch und schrift. Sonder-heft 1) Stadtbibliothek; Ratsbibliothek '56 70p
- BERLIN, Congress, 1878**
Novotny, Alexander. Quellen und studien zur geschichte des Berliner kongresses 1878; V. 1. Österreich, die Türkei und das Bal-kanproblem im jahre des Berliner kong-resses. (Austria. Kommission für neuere geschichte Österreichs. Veröffentlichungen, 44) Böhlhaus nachf. '57 p354-61
- BERNADETTE Soubiron, Saint. See Soubi-rous, B.**
- BERNANOS, Georges, 1888-1948**
Balthasar, Hans Urs von. Bernanos. Hegner '54 p543-5
- BERNARD of Clairvaux, Saint, 1091?-1153**
Internationaler Bernhardcongress, Mainz, 1953. Bernhard von Clairvaux, monch und mystiker; hrsg. und eingeleitet von Joseph Lortz. (Inst. für europäische geschichte, Mainz. Veröffentlichungen, v6) Steiner '55 p228-35
La Croix Bouton, Jean de. Bibliographie bernardine, 1891-1957. (Trappists. Comm. d'histoire de l'Ordre de Cîteaux. Etudes et docs. no5) Lethielleux '58 164p
Saxer, V. Chronique bernardine. *R Thomiste* 56:741-78 O '56
- BERNARD of Siena, Saint, 1380-1444**
Trugenberger, Alberto E. San Bernardino da Siena; considerazioni sullo sviluppo dell'etica economica cristiana nel primo rinascimento. (Staatswissenschaftliche studien, new ser, v9) Francke '51 p ix-xi
- BERNAYS, Edward L. 1891-**
Public relations. Edward L. Bernays and the American scene; addenda. *Bul Bibliog* 21: 237-40; 22:21-4 Mv-S '56
—Same [with further addenda] Edward L. Bernays '57 22p
- BERNINI, Giovanni Lorenzo, 1598-1680**
Wittkower, Rudolf. Gian Lorenzo Bernini; the sculptor of the Roman baroque. Phai-don '55 p 169-71
- BERNOLAK, Anton, 1762-1813**
Kotvan, Imrich. Bibliografia bernolákovcov. Matica slovenská '57 408p
- BERRY, André, 1902-**
Rabiniaux, Roger. André Berry; homme libre, poète vivant. Rougerie '56 p 181-8
- BERTILLON, Alphonse, 1853-1914**
Rhodes, Henry Taylor Fowkes. Alphonse Bertillon; father of scientific detection. Abelard-Schuman '56 p229-32
- BERYL**
Cameron, Eugene Nathan, and others. Peg-matite investigations, 1942-45, New Eng-land. (U.S. Geological survey. Professional paper 255) U.S. Gov. ptg. office '54 p341-7
Damon, P. E. and Kulp, J. L. Excess helium and argon in beryl and other minerals. *Am Min* 43:457-9 My '58
Werner, Antony Boris Tracy. New England beryl mining industry. (Research rep. no5) Federal reserve bank of Boston '59 p377-93
- BERYLLIUM**
Choiak, J. Analysis of traces of beryllium. *AMA Archives Ind Health* 19:209-10 F '59
Nininger, Robert D. Minerals for atomic energy; a guide to exploration for uranium, thorium, and beryllium. 2d ed Van Nos-trand '56 incl bibliog

BERYLLIUM—Continued

Scheuing, M. R. and Singer, M. Effects of microquantities of beryllium ion on the regenerating forelimb of the adult newt, *triturus*. *J Exp Zool* 136:322-3 N '57

United States. Bureau of mines. Materials survey; beryllium; comp. for the Nat. security resources board by the Bureau with the cooperation of the Geological survey. U.S. Gov. ptg. office '53 incl bibliog

White, Donald Wilmot, and Burke, Joseph Eldrid, eds. Metal beryllium. Am. soc. for metals '55 incl bibliog

BERYLLIUM poisoning

Hardy, H. L. Disability found in persons exposed to certain beryllium compounds. *AMA Archives Ind Health* 12:180-1 Ag '55

BESKOW, Elsa (Maartman) 1874-1953

Krusenstjerna, E. von. Bibliografi över Elsa Beskows konstnäriga och litterära produktion. (In Natanael och Elsa Beskow; studier och minnesbilder. Norstedt '54 p208-15)

BESKOW, Natanael, 1865-1953

Eeg-Olofsson, L. Bibliografi över Natanael Beskows tryckta skrifter. (In Natanael och Elsa Beskow; studier och minnesbilder. Norstedt '54 p216-47)

BESNIER-Boeck disease. See Tumors

BESSEL'S functions

McLachlan, Norman William. Bessel functions for engineers. 2d ed (Oxford engineering science ser) Oxford '55 p231-6

BESSEY, Ernst Athearn, 1877-1957

Barnett, H. L. Ernst Athearn Bessey. *Mycoloxia* 50:4-5 Ja '58

BEST books. See Books and reading—Best books

BEST sellers

Best sellers 1952-54. *Lib J* 81:340-1 F 1 '56

Hackett, Alice Payne. 60 years of best sellers, 1895-1955. Bowker '56 260p

Meserole, H. T. Famous Boston Post list: mid-nineteenth century American best-sellers. *Bibliog Soc Am Pa* 52 no2:93-110 '58

BETEL nuts

Raghavan, V. and Baruah, H. K. Arecanut: India's popular masticatory; history, chemistry and utilization. *Econ Bot* 12:341-5 O '58

BETEL palm

Raghavan, V. and Baruah, H. K. Arecanut: India's popular masticatory; history, chemistry and utilization. *Econ Bot* 12:341-5 O '58

BEUTHER, Michael Philipp, 1564-1616

Jung, Otto. Michael Philipp Beuther, general-superintendent des herzogtums Zweibrücken [und seine nachkommen, die pfälzischen Beuther in zwei jahrhunderten, 1589-1806] ein beitrug zur pfälzischen reformationsgeschichte. (Veröffentlichungen, v5) Verein für pfälzische kirchengeschichte '54 p52-4

BEVERAGES

McClellan, Walter S. Bibliography: physiological values of carbon dioxide and carbonation of liquids. Am. bottlers of carbonated beverages '54 23p

—Same. (In McClellan, Walter S. Utilization of ingested carbon dioxide, and Bibliography: physiological values of carbon dioxide and carbonation of liquids. Am. bottlers of carbonated beverages '55 23p (2d group))

See also

Coffee
Fruit juices
Liquors

BEVIER, Isabel, 1860-1942

Bane, Juliet Lita. Story of Isabel Bevier. Bennett '55 p 185-6

BEWS, John Williams, 1884-1938

Gale, George W. John William Bews, a memoir. Univ. of Natal press '54 p 119-38

BEYLE, Marie Henri (Stendhal, pseud) 1783-1842

Brombert, Victor H. Stendhal et la voie oblique; l'auteur devant son monde romanesque. (Yale Romanic studies. French ser, no4) Yale univ. press '54 p 167-73

Dédéyan, Charles. Stendhal et les Chroniques italiennes. (Etude de littérature étrangère comparée) Didier '56 p96-102

Litto, V. del. Bibliographie stendhalienne, 1947-1952[-1953-1956] (Coll. stendhalienne, 1) Arthaud; Eds. du Grand-chêne '53-'58 2v

Marill, Francine. Le naturel chez Stendhal [par] Francine Marill Albérés [pseud] Lib. Nizet '56 p425-53

Marill, Francine. Stendhal et le sentiment religieux. Lib. Nizet '56 p203-19

BHAVE, Acharya Vinoba, 1895-

Sharma, Jagdish Saran. Vinoba and Bhoodan; a sel. descriptive bibliog. of Bhoodan in Hindi, English and other Indian languages. (Nat. bibliogs, no3) Indian nat. congress '56 92p annot

BHOODAN movement

Sharma, Jagdish Saran. Vinoba and Bhoodan; a sel. descriptive bibliog. of Bhoodan in Hindi, English and other Indian languages. (Nat. bibliogs, no3) Indian nat. congress '56 92p annot

BHUDAN. See Bhoodan movement

BIALIK, Hayyim Nahman, 1873-1934

Eisenberg, Azriel Louis, and Segal, Abraham. Presenting Bialik; a study of his life and works. Jewish education com. of N.Y. '56 p 106-13

BIBLE

Elenchus bibliographicus biblicus, 1952[-1959] (Biblica, v33-40. Sup) Pontificio istituto biblico '52-'53 3v

Erlangen. Universität. Bibliothek. Bibeln aus zwei jahrtausenden; ausstellung, 7. Okt.-23. Nov. 1958. (Schriften, 2) The library '58 20p

Filson, Floyd Vivian. Which books belong in the Bible? a study of the Canon. Westminster press '57 p 165-8

Stark, L. M. Twenty-five rare Bibles, 1455-1782. *N Y Pub Lib Bul* 61:605-10 D '57 annot

Stockholm. Kungliga biblioteket. Från Codex aureus till Rembrandtbibeln; utställning, 1954. The library '54 24p

Survey of periodicals. See numbers of Catholic biblical quarterly

Volz, Hans. Hundert jahre Wittenberger bildruck, 1522-1626; mit einem vorwort von K. J. Hartmann. (Arbeiten aus der Staats- und universitätsbibliothek Göttingen. Hainbergsschriften, new ser, v 1) Hantzschel '54 168p

Antiquities

Keller, Werner. Bible as history; a confirmation of the Book of books; tr. by William Neil. Morrow '56 p431-6

Parrot, André. Babylon and the Old Testament [tr. from the French by B. E. Hooke] (Studies in biblical archaeology, no8) Philosophical lib. '58 p 158-65

Parrot, André. Samaria; the capital of the kingdom of Israel [tr. from the French by S. H. Hooke] (Studies in biblical archaeology, no7) Philosophical lib. '58 p 138-43

Wight, Fred Hartley. Manners and customs of Bible lands. Moody press '53 p317-20

Wiseman, Donald John. Illustrations from biblical archaeology. Eerdmans '58 p 103-9

Biography

See also

Women in the Bible

Criticism, interpretation, etc.

Cevetello, Joseph F. X. Getting to know the Bible. Soc. of St Paul '57 p222-4

Grant, Frederick Clifton. How to read the Bible; foreword by Horace W. B. Donegan. (Bishop of New York bk, 1956) Morehouse '56 p 157-68

Grant, Robert McQueen. Letter and the spirit. Macmillan '57 p 149-53

Grispino, J. A. Recent biblical bests. *Cath Lib World* 30:90-2 N '58 annot

Jenkins, Horace Carroll. Modern dictionary of the Holy Bible (King James version) 2d ed Loctlyn pubs. '58 p232-3

Jenney, Ray Freeman. Bible primer; foreword by Ralph W. Sockman. Harper '55 p 189-90

Love, Julian Price. How to read the Bible. rev ed Macmillan '59 p 183-9 annot

McNally, Robert E. Bible in the early middle ages. (Woodstock college. Woodstock papers; occasional essays for theology, no4) Newman press '59 p87-117

National book league, London. Selected books for school libraries: Christian religion. The league '57 17p annot

Nettles, Kenneth James. Supernatural origin of the Bible: a study of ten points in evidence for divine authority; foreword by Eugene T. Pratt. (Exposition-Testament bk) Exposition '57 p 173-6

BIBLE—Criticism, interpretation, etc.—Cont.

- Rayle, Robert Chalkley. Scriptural holiness. Comet press bks. '58 p 114-17
- Rece, Ellis Heber, and Beardslee, William Armitage. Reading the Bible; a guide. Prentice-Hall '56 p 180-4 annot
- Smith, W. M. Some recently published (1950-1952) bibliographies in books of biblical interpretation, theology, and church history. Fuller Lib Bul no 17-18:3-13 Ja '53
- Watts, Harold Holliday. Modern reader's guide to the Bible. rev ed Harper '59 p521-9

Drama

- Harkness, David James. Bible in fiction and drama; a bibliog. with notes. (News letter, v35, no6) Univ. of Tenn. '56 15p

Fiction

- Harkness, David James. Bible in fiction and drama; a bibliog. with notes. (News letter, v35, no6) Univ. of Tenn. '56 15p

Geography

- Kitchen, James Howard. Holy fields; an intro. to the historical geography of the Holy land. Eerdmans '55 p 153-4 annot
- Die Palästina-literatur; eine int. bibliog. in systematischer ordnung; hrsg. v. Peter Thomsen; v A, 1878-1894. Akademie-verlag '57 272p
- Die Palästina-literatur; eine int. bibliog. in systematischer ordnung; hrsg. v. Peter Thomsen; v6, Die literatur der jahre 1935-1939. Akademie-verlag '53-'56 832p

History

- Bratton, Fred Gladstone. History of the Bible; an intro. to the historical method. Beacon pres '59 p359-71
- Price, Ira Maurice. Ancestry of our English Bible; an account of mss, texts, and versions of the Bible; 3d rev. ed. by W. A. Irwin and A. P. Wikgren. Harper '56 p331-44

History of biblical events

- Keller, Werner. Bible as history; a confirmation of the Book of books; tr. by William Neil. Morrow '56 p431-6

Manuscripts

- Gottstein, M. H. List of some uncatalogued Syriac biblical manuscripts. John Rylands Lib Bul 37:429-45 Mr '55
- Stockholm. Kungliga biblioteket. Från Codex aureus till Rembrandtbibeln; utställning, 1954. The library '54 24p
- Vööbus, Arthur. Early versions of the New Testament: manuscript studies. (Toimefused, 6) Eesti usuteadlaste selts paguluses '54 p311-48

Music

- Grauman, Helen G. Music in my Bible. Pacific '56 p 175-6

Science

See Bible and science

Study and teaching

- Miller, Randolph Crump. Biblical theology and Christian education. Scribner '56 p213-15 annot

Textual criticism

See Bible. Old Testament—Criticism, Textual

Theology

- Dubarle, A. M. and others. Bulletin de théologie biblique. R Sci Philos & Théol 39: 72-119. 266-96; 40:97-170; 41:75-115. 249-73; 42:114-51. 324-48. 521-31 Ja-Ap '55. Ja '56. Ja-Ap '57. Ja-Ap '58
- Zimmerli, Walther, and Jeremias, Joachim. Servant of God. (Studies in biblical theology, no20) Allenson '57 p 105-7

Versions

- Thompson, Craig Ringwalt. Bible in English, 1525-1611. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 19-20 annot

Apocrypha

See Bible. Old Testament—Apocrypha

BIBLE. Old Testament

- Goldman, Solomon. From slavery to freedom. (Bk. of human destiny, v3) Abelard-Schuman '58 p106-26
- Society for Old Testament study. Book list. The society '57 79p

Antiquities

- Parrot, André. Ninive et l'Ancient Testament. (Cahiers d'archéologie biblique, no3) Delachaux & Niestlé '53 p72-4
- Same with title: Nineveh and the Old Testament [tr. by B. E. Hooke] (Studies in biblical archaeology ser, no3) Philosophical lib. '56 p94-6 annot
- Price, Ira Maurice, and others. Monuments and the Old Testament: light from the Near East on the Scriptures. Judson press '58 p417-25
- Unger, Merrill Frederick. Archeology and the Old Testament. Zondervan pub. house '54 incl bibliog

Criticism, interpretation, etc.

- Anderson, Bernhard Word. Understanding the Old Testament. Prentice-Hall '57 p538-44 annot
- Flack, E. E. Flashes of new knowledge; recent study and the book of Numbers. Interpretation 13:18-23 Ja '59
- Gard, D. H. Old Testament periodical literature—1954. Interpretation 10:82-4 Ja '56
- Gottwald, Norman Karol. Light to the nations; an intro. to the Old Testament. Harper '59 p553-64
- Hanson, Anthony Tyrrell. Wrath of the Lamb. Macmillan '57 p224-33
- Nielsen, Eduard. Shechem; a traditio-historical investigation. 2d rev ed Gad '59 p361-8
- Old Testament literature, 1954[-1957-1958] Interpretation 9:454-60; 11:204-14; 12:61-70; 13:81-106 O '55, Ap '57, Ja '58, Ja '59
- Purkiser, W. T. ed. Exploring the Old Testament. Beacon Hill press '55 p436-42
- Schmitt, Ernst. Leben in den weisheitsbüchern Job, Sprüche und Jesus Sirach. (Freiburger theologische studien, 66) Herder '54 p xlii-xvi

Criticism, Textual

- Würthwein, Ernst. Text of the Old Testament; an intro. to Kittel-Kahle's Biblia hebraica; tr. by Peter R. Ackroyd. Macmillan '57 p 170-3 annot

History of biblical events

- Booth, Osborne. Chosen people; a narrative history of the Israelites. Bethany press '59 p258-60
- Goldman, Solomon. From slavery to freedom. (Bk. of human destiny, v3) Abelard-Schuman '58 p106-26
- Hill, Dorothy (Black). Abraham; his heritage and ours; introd. by Sophia L. Fahs. Beacon press '57 p206-8
- Noerdlinger, Henry S. Moses and Egypt; the documentation to the motion picture The Ten commandments; with an introd. by Cecil B. deMille. Univ. of Southern Calif. press '56 p 171-5
- Reynolds, Ruth (Sutton). Bible & people who lived and wrote it; a layman's discovery of the fascination of the Old Testament and of its influence on the New. (Banner bk) Exposition '55 p228-31

History of contemporary events, etc.

- Unger, Merrill Frederick. Archeology and the Old Testament. Zondervan pub. house '54 incl bibliog

Manuscripts

- See also
- Dead Sea scrolls
- Zadokite documents

Prophecies

- Heinisch, Paul. Christus der erlöser im Alten Testament. Verlag Styria '55 p 11-22

Prophets

See Prophets

Theology

- Jacob, Edmond. Theology of the Old Testament; tr. by Arthur W. Heathcote and Philip J. Allcock. Harper '58 incl bibliog

BIBLE. Old Testament—Theology—Continued
Wichtige Veröffentlichungen in Zeitschriften und Sammelwerken. See numbers of Zeitschrift für die alttestamentliche Wissenschaft

Genesis

Unger, Dominic J. First-gospel: Genesis 3:15. (Theology ser, no3) Franciscan inst, St Bonaventure univ. '54 p325-55

Exodus

Goldman, Solomon. Ten commandments; ed. and with an introd. by Maurice Samuel. Univ. of Chicago press '56 p 193-221

Song of Solomon

Feuillet, André. Le cantique des cantiques; étude de théologie biblique et réflexions sur une méthode d'exégèse. (Lectio divina, 10) Eds. du Cerf '53 p254-6

Isaiah

North, Christopher Richard. Suffering servant in Deutero-Isaiah; an historical and critical study. 2d ed Oxford '56 p240-53

Lamentations

Gottwald, N. K. Lamentations. Interpretation 9:335-8 J1 '55

Ezekiel

Fohrer, Georg. Die hauptprobleme des buches Ezechiel. (Zeitschrift für die alttestamentliche Wissenschaft. Beihefte, 72) Töpelmann '52 p266-82

Habakkuk

Elliger, Karl. Studien zum Habakuk-kommentar vom Toten meer, mit 1 beilage. (Beiträge zur historischen theologie, 15) Mohr '53 p297-300

Apocrypha

Metzger, Bruce Manning. Introduction to the Apocrypha. Oxford '57 p265-8

BIBLE. New Testament

Metzger, Bruce Manning. Supplement to Index of articles on the New Testament and the early church published in festschriften. Soc. of biblical literature '55 20p

San Francisco theological seminary, San Anselmo, California. Department of New Testament literature. Graduate seminar in New Testament. Bibliography of New Testament literature, 1900-1950, prepared by the Seminar, 1952-1953, under the direction of John Wick Bowman; ed. by Tadashi Akaishi. The seminary '53 312p

Theron, Daniel Johannes. ed. Evidence of tradition; sel. source material for the study of the history of the early church, introd. and canon of the New Testament. Bowes & Bowes '57 incl bibliog

Criticism, interpretation, etc.

Davis, F. R. Post war reading list for New Testament study. Cath Lib World 30:148-62 D '58 annot

George, Alfred Raymond. Communion with God in the New Testament. (Fernley-Hartley lecture, 1953) Epworth press '53 p xiii-xx

Gilmour, Samuel MacLean. Gospel Jesus preached. Westminster press '57 p215-17

Hunter, Archibald Macbride. Introducing the New Testament. 2d ed rev & enl Westminster press '58 p201-4 annot

Kee, Howard Clark, and Young, Franklin W. Understanding the New Testament. Prentice-Hall '57 p476-83 annot

Marlé, René. Bultmann et l'interprétation du Nouveau Testament. (Théologie, 33) Eds. Montaigne '56 p 189-95

Metzger, Bruce Manning. Annotated bibliography of the textual criticism of the New Testament, 1914-1939; with a foreword by Ernest Cadman Colwell. (Studies and docs, 16) Munksgaard '55 133p

New Testament abstracts. Theological faculty. Weston college. See numbers

New Testament literature, 1954[-1958] Interpretation 9:200-12, 339-59; 10:188-208; 11:71-85; 12:221-41; 13:195-205 Ap-J1 '55, Ap '56, Ja '57, Ap '58, Ap '59

Rowlingson, Donald T. Introduction to New Testament study. Macmillan '56 p232-43 annot

Spicq, Ceslaus. Agapè dans le Nouveau Testament; analyse des textes; ouvrage publié avec le concours du Centre nat. de la recherche scientifique. (Études bibliques) Gabalda '58 p317-24

Zeitschriften-bibliographie. See numbers of Zeitschrift für die neutestamentliche Wissenschaft

See also

Demythologization

History

Vööbus, Arthur. Early versions of the New Testament; manuscript studies. (Toimefused, 6) Eesti usuteadlaste selts paguluses '54 p311-48

Language

Blackwelder, Boyce W. Light from the Greek New Testament. Warner press '58 p 149-55

Theology

Cerfaux, Lucien. Christ in the theology of St Paul; English tr. by Geoffrey Webb and Adrian Walker. Herder & Herder '59 p535-7
Spicq, Ceslaus. L'Épître aux Hébreux; v 1, Introduction. (Études bibliques) Gabalda '52 p379-411

Warnach, Viktor. Agape; die liebe als grundmotiv der neutestamentlichen theologie. Patmos-verlag '51 p655-65

Versions

Thomas, Cecil K. Alexander Campbell and his new version. (Bethany history ser) Bethany press '58 p217-20

Vööbus, Arthur. Early versions of the New Testament; manuscript studies. (Toimefused, 6) Eesti usuteadlaste selts paguluses '54 p311-48

Gospels

Grant, Frederick Clifton. Gospels: their origin and their growth. Harper '57 p203-7

John

Becker, Heinz. Die reden des Johannes-evangeliums und der stil der gnostischen offenbarungrede; hrsg. von Rudolf Bultmann. (Forschungen zur religion und literatur des Alten und Neuen Testaments, new ser, no50) Vandenhoeck & Ruprecht '56 p 137-8
Correll, Alf. Consummation est; eschatology and church in the Gospel of St John. Macmillan '58 p213-37

Siedlecki, Edmund Julian. Patristic synthesis of John VI. 54-55. (Dissertationes ad lauream, 27) Faculty of theoloy, St Mary of the Lake seminary '56 p269-98

Smith, Taylor Clarence. Jesus in the Gospel of John. Broadman '59 p 197-8

Acts

Stagg, Frank. Book of Acts; the early struggle for an unhindered gospel. Broadman '55 p275-8

Williams, Charles Stephen Conway. Commentary on the Acts of the Apostles. (Harper's New Testament commentaries) Harper '58 p vii-xvi

Epistles

Best, Ernest. One body in Christ; a study in the relationship of the church to Christ in the Epistles of the Apostle Paul. S.P.C.K. '55 p226-9

Cerfaux, Lucien. Christ in the theology of St Paul; English tr. by Geoffrey Webb and Adrian Walker. Herder & Herder '59 p535-7
Cerfaux, Lucien. Church in the theology of St Paul; English tr. by Geoffrey Webb and Adrian Walker. Herder & Herder '59 p398-401

Didier, Georges. Désintéressement du chrétien; la rétribution dans la morale de saint Paul. (Théologie, 32) Eds. Montaigne '55 p235-40

Hamilton, Neill Quinn. Holy Spirit and eschatology in Paul. (Scottish journal of theoloy. Occasional papers, no6) Oliver '57 p91-4

Stürmer, Karl. Auferstehung und erwählung; die doppelte ausrichtung der paulinischen verkündigung. (Beiträge zur förderung christlicher theologie; ser 2. Sammlung wissenschaftlicher monographien, v53) Bertelsmann '53 p 193-9

See also

Bible. New Testament—Colossians

Galatians

Strauss, Lehman. Devotional studies in Galatians and Ephesians. Loizeaux '57 p245-7

BIBLE. New Testament—*Continued*

Ephesians

Strauss, Lehman. Devotional studies in Galatians and Ephesians. Loizeaux '57 p245-7

Colossians

Robertson, Archibald Thomas. Paul and the intellectuals: the Epistle to the Colossians; rev. and ed. by W. C. Strickland. Broadman '59 p 143-5

Hebrews

Héring, Jean. L'Épître aux Hébreux. (Commentaire du Nouveau Testament, 12) Delachaux & Niestlé '54 p 15-17

Spica, Ceslaus. L'Épître aux Hébreux; v 1. Introduction. (Études bibliques) Gabalda '52 p379-411

Revelation

Bible. New Testament. Revelation. German. 1953. Die Offenbarung des Johannes, erklärt von Ernst Lohmeyer. 2d enl ed (Handbuch zum Neuen Testament, 16) Mohr '53 p2-4

Gettys, Joseph M. How to teach the Revelation. John Knox press '55 p56

Tenney, Merrill Chapin. Interpreting Revelation. Erdmans '57 p207-11

BIBLE and science

March, Frank Lewis. Life, man, and time. Pacific '57 p 193-5

BIBLE in literature

See also

Religion in literature

BIBLE study

Arnaldich, Luis. Los estudios bíblicos en España desde el año 1900 al año 1955; introd. histórica, elenco bibliográfico con notas críticas. Inst. Francisco Suárez, Consejo superior de investigaciones científicas '57 246p

Internationale zeitschriftenschau für bibelwissenschaft und grenzgebiete, 1951/52 [-1956/57] (V 1-5) Patmos-verlag '52-'59 6v

Kelly, Balmer H. and Miller, Donald George, eds. Tools for Bible study. John Knox press '56 159p annot

Society for Old Testament study. Eleven years of Bible bibliography; the bk. lists of the Society, 1946-'56; ed. by H. H. Rowley. Falcon's wing press '57 804p

BIBLIOGRAPHICAL centers

United Nations educational, scientific and cultural organization. Guide des centres nationaux d'information bibliographique, établi conformément aux recommandations du Comité consultatif international de bibliographie. (Manuels bibliographiques de l'Unesco, 3) The organization '53 p58-61

BIBLIOGRAPHICAL services

Bibliographical services throughout the world; annual reps, 1st/2d[-5th] 1951/53[-1956] UNESCO '55-'58 4v

BIBLIOGRAPHY

Association of assistant librarians. East Midland division. East Midlands union list of bibliographies; a sel. of bibligs. with locations in libs. of the East Midlands; ed. by W. E. French. The division '54 27p

Association of assistant librarians. Greater London division. Reference books and bibliographies: a union list; rev. ed. by L. M. Payne and Joan M. Harries. The association '57 92p

Bermondsey, England. Public libraries. Bibliography and librarianship; a sel. list. The library '53-'54 6 pts

Bestermann, Theodore. World bibliography of bibliographies and of bibliographical catalogues, calendars, abstracts, digests, indexes and the like. 3d ed rev & enl Societas bibliographica '55-'56 4v

Bibliografía bibliografía i nauki o książce. Bibliographia Poloniae bibliographica, 1945-1946[-1956] Instytut bibliograficzny, Biblioteka narodowa '49-'58 9v

Bibliografía bibliotecológica y bibliográfica. See numbers of Asociación colombiana de bibliotecarios. Boletín

Bibliographical publications issued in 1954-55. UNESCO Bul Lib 12:145-7 My '58 annot

Bibliographical publications issued in 1954-1955: Asia, South Pacific and the U.S.S.R. UNESCO Bul Lib 11:142-6 My '57

Bibliographie. See numbers of Biblos

Bibliographische beilhefte. Zeitschrift für bibliothekswesen & bibliographie. See numbers thru 1958

Bibliographische berichte; neue folge der Bibliographischen beilhefte zur Zeitschrift für bibliothekswesen und bibliographie. Klostermann. See numbers

Biblioteklitteratur, 1954[-1957] Bibl Forsk Arbok 4:126-48; 5:114-28; 6:128-43; 7:106-19 '55-'58

Boden, Hans. Verzeichnis bibliographischer nachschlagewerke für allgemeine öffentliche bibliotheken; eine bibliog. der bibliographien. Zentralinst. für bibliothekswesen '57 51p

Breslau. Uniwersytet. Biblioteka. Wykaz druków z zakresu bibliologii; opracowała Helena Szejwikowska. (Informator, 6) The library '50-'54 3v

Brünn. Universita. Knihovna. Soupis zahraničních neperiodických bibliografi ve statistických vědeckých knihovnách a vysokých školských knihovnách; předběžné vyd; sest. Milos Papírnik. (Na pomoc knihovnkám a čtenářům, 10) The library '56 48p

Brussels. Bibliothèque royale de Belgique. Catalogues des expositions, 4-18 novembre 1956: x. anniversaire de l'UNESCO; v. anniversaire de la Comm. belge de bibliog. comm. spécialisée de la Comm. nationale belge de l'UNESCO. (Bibliographia belgica, 20) The library '56? 152, 6p

Bulletin de documentation bibliographique. See numbers of Bulletin des bibliothèques de France

Canberra, Australia. Commonwealth national library. Australian bibliographical centre. Bibliographical services in Australia, July, 1957-June, 1958. The library '58 11p

Česká bibliografie v roce 1957[-1958] přehled plánovaných bibliog. publikací. (Bibliog. katalog CSR. České knihy 1957, sup. no3; 1958, sup. no 1) Národní knihovna '57-'58 2v annot

Commission belge de bibliographie. Bulletin. The commission. See numbers

Dargent, Juliette. Quelques bibliographies internationales. Enige internationale bibliografeën, 1954-1956. (Bibliographia belgica 28) Comm. belge de bibliog. '57 59p

Djaparidze, David. Quelques récents travaux de bibliographie russe. Bul Bibl France 2: 157-62 F '57

Egle, Kārlis. Isa latviešu bibliografijas vēsture, līdz 1917. gadam. Latvijas PSR zinātņu akadēmijas izdevniecība '57 81p

Fleischhack, Curt. Einführung in die buchhändlerische bibliographie. 3d rev ed Verlag für buch- & bibliothekswesen '55 51p

Fleischhack, Curt. and others. Grundriss der bibliographie; unter mitwirkung von Gottfried Güntner und Werner Dux [stand vom 1. Apr. 1956] (Lehrbücher für den nachwuchs an wissenschaftlichen bibliotheken, v2) Harrassowitz '57 263p

Foxon, David. Technique of bibliography. (Book no6) Nat. bk. league '55 20p annot

Giraldo, Jaramillo, Gabriel. Bibliografía de bibliografías colombianas. Editorial Pax '54 192p

Grönroos, Henrik. Suomen bibliografisen kirjallisuuden hakemisto. Guide to the Finnish bibliographical literature. 5th ed Yhteiskunnallinen korkeakoulu '54 33p

Hahn, Wiktor. Bibliografia bibliografj polskich. 2d enl ed Zakład im. Ossolińskich '56 645p

Heves, T. Bibliographie et sociologie. Archives Bibl & Mus 30 no 1:46-61 '59

Historia de la bibliografía costarricense. Asoc Costarricense Bibl Bol 1:27-40 Mr '58

Hove, Julien van. Travaux bibliographiques publiés en Belgique. Bibliografische werken in België uitgegeven, 1950-1956. (Bibliog. belgica 29) Comm. belge de bibliog. '57 vp

International federation for documentation. Bibliographie de la documentation et de la bibliothéconomie, 1953[-1958] (Pub. 271, 276, 291, 299, 309, 319) The federation '54-'59 6v annot

Italia bibliographica. 1952[-1958] repertorio delle opere di bibliografia e delle notizie bibliografiche apparse in opere o in periodici stampati in Italia. (Amor di libro. Piccole monografie bibliografiche, 12, 15, 18, 20, 24, 28, 31) Sansoni '52-'59 7v annot

Janakieva, N. Geschichte und heutiger stand der bulgarischen bibliographie. Zentr Bibl 72:215-36 D '58

BIBLIOGRAPHY—Continued.

- Jaramillo, G. G. Bibliografía de bibliografías colombianas; pub. de la Biblioteca nacional. Ed. Pax '54 192p
- Kaczanowska, Jadwiga. Wykaz polskich bibliografii retrospektywnych nie wydanych drukami (stan 1957 rok). (Biuletyn, v5, no4) Instytut bibliograficzny '57 p223-325
- Kunc, Jaroslav. Přehled české bibliografické literatury v letech 1945-1955. (Bibliog. katalog ČSR. České knihy 1955, sup. no4) Národní knihovna '55 p23-43
- Kuzmík, Jozef. Slovak bibliography in the past and the present; tr. by J. Šimko. Slovak nat. lib; Matica slovenská Martin '55 p8-9
- Leipzig. Deutsche bücherei. Bibliographie der deutschen bibliographien; Jahresverzeichnis der selbständig erschienenen und der in deutschsprachigen Büchern und Zeitschriften enthaltenen versteckten Bibliographien, 1954-1956] (V 1-3) Verlag für buch- und bibliothekswesen '57 '59 3v
- Leipzig. Deutsche bücherei. Bibliographie der versteckten bibliographien aus deutschsprachigen Büchern und Zeitschriften der Jahre 1930-1953. VEB Verlag für buch- & bibliothekswesen '56 371p
- Maichel, K. Russian current bibliographies, 1772-1917. Lib Q 28:38-44 Ja '58 annot
- Maichel, K. Russian retrospective bibliographies. Lib Q 28:122-31 Ap '58 annot
- Malclès, Louise Noëlle. Les sources du travail bibliographique; v3. Bibliographies spécialisées (sciences exactes et techniques) avec la collaboration de G. Garnier [et al] Droz; Lib. Minard '58 575p annot
- Mouchová, Saša. Soupis českých bibliografi, 11-21 1956-1957] (Bibliografický katalog ČSR. České knihy 1957, sup. no4; 1958, sup. no5) Národní knihovna '57 '58 2v
- Neue Bücher und aufsätze zum bibliotheks- und buchwesen. See numbers of Zentralblatt für bibliothekswesen
- Neue nachschlagewerke und bibliographien. See numbers of Deutsche Literaturzeitung annot
- Nordisk bibliografi och bibliotekslitteratur år 1953-54-1955-56] Nordisk Tidsk Bok & Bib 43 no4:sup 1-69; 45 no4:sup 1-64 '56, '58
- Ottino, Giuseppe, and Fumagalli, Giuseppe. Bibliotheca bibliographica italica; catalogo degli scritti di bibliologia, bibliog. e biblioteconomia pubblicati in Italia e di quelli risguardanti l'Italia pubblicati all'estero. Akademske druck- & verlagsanstalt '57 6v in 1
- Przegląd piśmiennictwa o książce. Inst. bibliog. Biblioteka narodowa. See numbers
- Rassegne, informazioni, bibliografie correnti. See numbers of Amor di libro
- Recent books and periodicals. See numbers of Library (Transactions of the Bibliographical society, London)
- Schwarz, C. Die analytischen allgemeinbibliographien in den europäischen ländern der volksdemokratie. Zentr. Bibl 70:267-74 J1 '56
- Scottish central library, Edinburgh. Classified list of catalogues and bibliographies in the Library; comp. by S. T. H. Wright and I. McKinlay. The library '55 63p
- Selective checklist of bibliographical scholarship for 1954-1958] Stud. Bibliog 8:250-72; 10:109-30; 11:269-90; 12:234-54; 13:262-83 '56, '60
v 10 (decennial extra vol) contains photo offset reproductions of the checklists, 1949-1954 and the first ptg. of the checklist for 1955
- Speroni Vener, J. La bibliografia en el Uruguay. R. Interam. Bibliog 4:35-42 Ja '54
- Stokes, R. B. ed. Current trends in bibliography. Lib. Trends 7:493-591 Ap '59 incl bibliog
- Straka, Josef. Přehled všeobecných bibliografi ruské a sovětské literatury. (Bibliografie Slovenské knihovny, v 1, special no 1) Slovenská knihovna '57 23p
- Taylor, Archer. History of bibliographies. Scarecrow '55 p 137-45
- Totok, Wilhelm, and Weitzel, Rolf. Handbuch der bibliographischen nachschlagewerke. Klostermann '54 258p
- Same. 2d ed enl & rev Klostermann '59 335p
- United States. Library of Congress. List of checklists used in surveys of library book collections. Com. for the protection of cultural & scientific resources '56 18p
- Winter, E. P. N. Berkov und die bibliographie der russischen aufklärung im 18. Jahrhundert. Z. Slavistik 2 no4:594-7 '57
See also
- Abstracting and indexing services
- Archives
- Book collecting
- Books
- Books and reading
- Classification—Books
- Documentation
- Incunabula
- Indexes
- Libraries
- Library science
- Livres à clefs
- Manuscripts
- Printing
- Reference books
- Unfinished books
- Best books
- See Books and reading—Best books
- Best sellers
- See Best sellers
- Books issued in series
- Mullins, Edward Lindsay Carson. Texts and calendars; an analytical guide to serial publications. (Guides and handbks, no7) Royal historical soc. '58 674p
- Orton, Robert Merritt. Catalog of reprints in series. 16th-18th] ed Scarecrow '55 '57 3v
- Titles in series; a handbk. for librarians and students, v 11-2] Scarecrow '54 '57 2v
- Early printed books
- 15th Century
- See Incunabula
- 16th century
- Bristol, England. Public libraries. Catalogue of books in the Bristol reference library printed in England and Ireland up to the year 1640 and of English books printed abroad during the same period. The library '54 51p
- British museum, London. Short-title catalogue of books printed in Italy and of Italian books printed in other countries from 1465-1600 now in the Museum. The museum '58 922p
- Dokoupil, V. Soupisy tisků 16. století z fondu Universitní knihovny v Brně: 1. Klášterní knihovna kapucínů v Brně. Univ. knihovna '55 181p
- Gardel, Luis Delgado. Brief description of some rare & interesting books from the XVth & XVIIIth centuries which can be found in the Columbus memorial library. Pan Am. union '58 p67-70
- Gollob, H. Katalog der Wiener inkunabeln und frühdrucke bis zum Jahre 1550 in der Nationalbibliothek, Wien. Antiquariat 12: 1-4, 34-6 Ja-F '56
- Hague. Koninklijke bibliotheek. Catalogus der niet-Nederlandse drukken: 1500-1540, aanwezig in de Koninklijke bibliotheek 's-Gravenhage. The library '55 267p
- Hispanic society of America. Library. List of books printed before 1601 in the library of the Hispanic society of America, by Clara Louisa Penney; offset reissue with additions. (Hispanic notes and monographs; essays, studies and brief biographies; catalogue ser) The society '55 305p
- Proctor, Robert George Collier. Index of German books 1501-1520 in the British museum. 2d ed (Holland press bibliog, 3) Holland press '54 273p
- Ramage, David, and others. Finding-list of English books to 1640 in libraries in the British isles (excluding the national libraries and the libraries of Oxford and Cambridge) based on the numbers in Poland & Redgrave's Short-title catalogue of bks. ptd. in England, Scotland and Ireland & English bks. ptd. abroad, 1475-1640. Council of the Durham colleges, Durham Univ. '58 101p
- Rhodes, D. E. Don Fernando Colón and his London book purchases, June 1522. Bibliog Soc Am Pa 52 no4:231-48 '58
- Simón Díaz, J. Índice de libros perdidos, rarísimos o imaginarios de los siglos XVI y XVII. Libro Esp 1:13-20, 91-6, 129-36, 181-8, 265-70, 307-10 Ja-Je '58 (to be cont)

BIBLIOGRAPHY—Early printed books—16th century. *Continued*
United States. Library of Congress. Early printed books of the Low Countries from the Lessing J. Rosenwald collection; an exhibition in the Library, Apr. 2, 1958, to August 31, 1958. The library '58 37p

Limited editions

Limited editions club, incorporated, New York. Quarto-millenary; the first 250 pubs. and the first 25 years, 1929-1954, of the Club. The club '59 p235-75

Microphotographic editions

See Microcards; Microfilms

Microscopic and miniature editions

Goff, F. R. Miniature incunabula in the Library of Congress. Gutenberg Jahrb 33: 103-17 '58

Prohibited books

See Prohibited books

Rare books

American book-prices current; a record of literary properties sold at auction in the United States during the season 1954-1955 [-1958-1959] (V61-65) Am. bk-prices current '55-'59 5v

American imprints before 1801 in the libraries of Williams college not in Evans. Bibliog Notes Williams 1:1-10 Ap '57 annot.

Blumenthal, Walter Hart. Bookmen's bedlam; an olio of literary oddities. Rutgers Univ. press '55 p261-73

Blumenthal, Walter Hart. Formats and foibles; a few bks. which might be called curious. Onge '56 105p

Book-prices current; a record of the prices at which bks. have been sold at auction; arranged in one alphabet, 1952-56; ed. by Reginald Horrox. (V64) Serjeants press '57 715p

Borba de Moraes, Rubens. Bibliographia brasiliiana; a bibliog. essay on rare bks. on Brazil pub. from 1540 to 1900 and works of Brazilian auths. pub. abroad before the independence of Brazil in 1822. Colibris editora '58 427p

Bradley, Van Allen. Gold in your attic. Fleet corp. '58 277p annot.

Breyer, Mirko. O starim i rijetkim jugoslavenskim knjigama; bibliografsko-bibliofski prikaz; nadopunili i za štampu priredili Blanka i Tomislav Jakić. Jugoslavenska akademija znanosti i umjetnosti '52 40p

Bristol, England. Municipal public libraries. Catalogue of books in the Bristol reference library which were printed abroad in languages other than English during the years 1473 to 1700. Corp. of Bristol '56 194p

Canadian book prices current, 1950-55 (V 1) McClelland & Stewart '57 158p

Cockle, Maurice James Draffen. Bibliography of military books up to 1642; with an intro. by Charles Oman. 2d ed Holland press '57 267p

Eames, M. When all the world was dancing. N. Y. Pub Lib Bul 61:383-95 Ag '57 annot.

—Same, with additions. N.Y. Pub. lib. '57 16p annot.

Fair, A. ed. Guide to book values: New Zealand, Australia, Pacific, Antarctic; bk. auction records, 1952-1956. The author '56 96p

Feuerwehr-gesellschaft (Artillerie-kollegium) Zurich. Die Mathematisch-militärische gesellschaft in Zürich und ihre bibliothek; 2. teil, Auswahl wertvoller drucke des 16. und 17. jahrhunderts aus der bibliothek, mit vorwort von Paul Scherrer. (Neujahrsblatt 146) Kommissionsverlag Beer & co. '55 p20-56

Gardel, Luis Delgado. Brief description of some rare & interesting books from the 16th & 17th centuries which can be found in the Columbus memorial library. The union '58 70p

Heaney, H. J. American collection of William M. Elkins. Bibliog Soc Am Pa 50:129-65 Ap '56

Olshcki, firm. Florence. Libri antichi in greco; con un'appendice di opere antiche di linguistica e letteratura greca. Greek authors in Greek; with an appendix of old works on Greek linguistic and literature. The firm '58 84p

Parenti, Marino. Rarità bibliografiche dell'ottocento; materiali e pretesti per una storia della tipografia italiana nel secolo decimono. 3d enl ed (Contributi alla Biblioteca bibliog. italiana 3, 13) Sansoni '53-'56 2v

Parma. Biblioteca palatina. Mostra del libro raro, Biblioteca palatina, Parma, maggio-settembre 1954; catalogo [a cura di Angelo Ciavarella] Baitel '54 87p

Rare books

Prague. Universita Karlova. Knihovna. Rukopisy a vzácné tisky Pražské univerzitní knihovny [sest. Emma Urbánková] (Edice)

Státní pedagogické nakl. '57 111p

Simón Díaz, J. Índice de libros perdidos, rarísimos o imaginarios de los siglos XVI y XVII. Libro Esp 1:13-20, 91-6, 129-36, 181-8, 265-70, 307-10 Ja-Je '58 (to be cont)

Stark, L. M. Printing from coast to coast; an exhibition of early United States imprints. N. Y. Pub Lib Bul 62:388-406 Ag '58 annot.

Targ, William, ed. Bibliophile in the nursery; a bookman's treasury of collector's lore on old and rare children's bks; ed. with an intro. & notes. World pub. '57 503p annot.

Taylor, Archer. Catalogues of rare books, a chapter in bibliog. history. (Kan. Univ. Lib. ser. 5) Univ. of Kan. press '58 65p annot.

Ulmann, Carl Joseph. Incunabula and early printed books, many with woodcut illustrations; the notable coll. of the late Carl J. Ulmann. Parke-Bernet galleries '52 84p

See also

Americana
Incunabula

Reprints

Orton, Robert Merritt. Catalog of reprints in series. 16th-18th ed Scarcrow '55-'57 3v

Societies

See also

Book clubs

BIBLIOGRAPHY, International

France. Direction des bibliothèques. Commission nationale de bibliographie. Les bibliographies internationales spécialisées courantes françaises ou à participation française; texte préparé par Andrée Lhéritier; avec le concours des membres de la Comm. nat. de bibliographie. The commission '58 35p

BIBLIOGRAPHY, National

Korpala, Josef. Zarys dziejów bibliografii w Polsce. (Książka w dawnej kulturze polskiej, 5) Polska akademia nauk '53 p211-26

—Same; with title: Abriss der geschichte der bibliographie in Polen; übers. von Hildegard Zimmermann. (Bibliothekswissenschaftliche arbeiten aus der Sowjetunion und den ländern der Volksdemokratie in deutscher übersetzung, reihe B, bd 2) Harrassowitz '57 p241-50

Kuzmik, Jozef. Slovenská národná bibliografia v dvadsiatom storočí. Matica slovenská '54 47p

Maichel, K. Bibliographical listing of printed material in the USSR. Am Slavic R 18:95-110 F '59 annot.

Maichel, K. Bulgarian national bibliography: a historical review. Lib Q 29:43-7 Ja '59

Maichel, K. Polish national bibliography. Coll & Res Lib 19:455-62 N '58 annot.

Pinto, O. Le bibliografie nazionali; aggiornamenti ed aggiunte per il quinquennio 1950-1955. Bibliofilia 9 no 1:35-54 '57

Totok, Wilhelm. Die nationalbibliographien; versuch einer analyse. (In Bibliographie und buchhandel; festschrift zur einweihung des neubaus der Deutschen bibliothek, Frankfurt am Main. Börsenverein des deutschen buchhandels '59 p 115-23)

United States. Library of Congress. General reference and bibliography division. Current national bibliographies; comp. by Helen F. Conover. The division '55 132p annot.

BIBLIOTHERAPY

United States. Veterans administration. Medical and general reference library. Bibliotherapy in hospitals; an annot. bibliog. 1900-1957; comp. by Rosemary Dolan [and others] The administration '58 46p

BICARBONATES. See Carbonates

BICKERSTAFF, Isaac, pseud. See Swift, J.

BIERBAUM, Otto Julius, 1865-1910

Klement, A. von. Otto Julius Bierbaum-bibliographie. Antiquariat 12:60-2, 96-8, 135-8, 176-80, 217-18, 262-5 Mr-O '56

BIERENS DE HAAN, Johan Abraham, 1883-

Volume jubilaire dédié à J. A. Bierens de Haan à l'occasion de son soixante-dixième anniversaire. (Archives néerlandaises de zoologie, v 10, sup2) Brill '53 p4-12

BIGELOW, Henry Bryant, 1879-

Bibliography of Henry Bryant Bigelow. Deep Sea Res 3 sup:xviii-xx D '55

BIGELOW, Henry Bryant—*Continued*

Papers in marine biology and oceanography, dedicated to Henry Bryant Bigelow by his former students and associates on the occasion of the twenty-fifth anniversary of the founding of the Woods Hole oceanographic institution, 1955. Pergamon press '55 p xviii-xx

BILE ducts

Sterling, Julian A. Biliary tract, with special reference to the common bile duct. Williams & Wilkins '55 incl bibliog

Diseases

Sjöström, Bo. Activity of prothrombin and proconvertin in plasma in diseases of the biliary tract; a clinical study; tr. from the Swedish by Marcia Skogh. (Sup223) Acta chirurgica scandinavica '57 p52-4
 Thorén, Lars. Bile peritonitis; an experimental study in rabbits. (Sup 230) Acta chirurgica scandinavica '58 p98-106

Radiography

Hornykiewytch, T. Intravenöse cholangiographie; Grundlagen, Technik, Ergebnisse; mit einem Geleitwort von R. Janker und einem Vorwort von H. Bohm. Thieme '56 p 140-54

BILE pigments

With, Torben K. Biology of bile pigments, including a review of their chemistry and a discussion of analytical methods. Frost-Hansen '54 p388-483

BILIARY tract**Diseases**

Sterling, Julian A. Biliary tract, with special reference to the common bile duct. Williams & Wilkins '55 incl bibliog

BILINGUALISM

Haugen, Einar Ingvald. Bilingualism in the Americas; a bibliography and research guide. (Pub. no26) Am. dialect soc. '56 p 125-56

Weinreich, Uriel. Languages in contact, findings and problems; with a pref. by André Martinet. (Pubs, no 1) Linguistic circle of New York '53 p 123-46

BILLBOARDS

National research council. Highway research board. Outdoor advertising along highways; a legal analysis. (Special rep. 41) The board '58 p 100-1

BINARY system (mathematics)

Bruck, R. H. Survey of binary systems. Ergeb Math ns no20:163-81 '58

BINGHAM, Hiram, 1875-1956

Patterson, J. E. Hiram Bingham, 1875-1956. Hispan Am Hist R 37:134-7 F '57

BINISALEM, Majorca**History**

Lladó y Ferragut, Jaime. Catálogo de la sección histórica del Archivo municipal de la villa de Binisalem (Baleares); documentos y noticias; prólogo por Juan Vich Salom. Imp. SS. Corazones '53 p56-7

BINOCULAR vision. See Sight**BIOCHEMICAL research**

Cowgill, Robert Warren, and Pardee, Arthur Beck. Experiments in biochemical research techniques. Wiley '57 incl bibliog

Oak Ridge Institute of nuclear studies. Medical division. Rare earths in biochemical and medical research; a conference, October 1955; ed. by Granvil C. Kyker [and] Elizabeth B. Anderson. Technical information service extension '56 incl bibliog

BIOCHEMISTRY

Abstracts. See numbers of Wallerstein laboratories, New York. Communications

Abstracts of current literature. See numbers of American journal of clinical nutrition

Baldwin, Ernest Hubert Francis. Dynamic aspects of biochemistry. 3d ed Cambridge '57 p496-500

Bibliography of papers published by L. Zechmeister and co-authors in the fields of chemistry and biochemistry, 1913-1958. Springer '58 22p

Brachet, Jean. Biochemical cytology. Academic press '57 incl bibliog

Bray, Harold Geoffrey, and White, Kenneth. Kinetics and thermodynamics in biochemistry. Academic press '57 incl bibliog

Current abstracts of scientific and technical literature. General foods corp. See numbers

Duggan, E. L. Biochemical analysis. Anal Chem 28:719-20 Ap '56

Engström, Arne, and Finean, J. B. Biological ultrastructure. Academic press '58 incl bibliog

Fogg, G. E. Comparative physiology and biochemistry of the blue-green algae. Bact R 20:162-5 S '56

Graff, Samuel, ed. Essays in biochemistry. Wiley '56 incl bibliog

Harrow, Benjamin, and Mazur, Abraham. Textbook of biochemistry. 6th ed Saunders '54 incl bibliog

—Same, 7th ed Saunders '58 incl bibliog

Haurowitz, Felix. Biochemistry; an introd. textbook. Wiley '55 incl bibliog

Hoffman, William Samuel. Biochemistry of clinical medicine. Year bk. pubs. '54 incl bibliog

Kaplan, A. R. Biochemical studies in schizophrenia. Eugenics Q 5:93-4 Je '58

McCormick, J. A. Isotopes in biochemistry and biosynthesis of labeled compounds; a sel. list of references. Technical information service extension, U.S. Atomic energy comm. '58 89p

McDowall, Robert John Stewart. Handbook of physiology & biochemistry, originally Kirkes' and later Halliburton's. 42d ed Murray '55 p715-26

Pauling, Linus Carl, and Itano, Harvey A. eds. Molecular structure and biological specificity; a symposium sponsored by the Office of naval research, held in Washington, D.C., Oct. 28, 29, 1955. (Pub. no2) Am. inst. of biological sciences '57 incl bibliog

Robins, E. and Mensh, I. N. Prediction in the clinical method and interrelations of biochemistry, psychiatry, and psychology. J Abnorm & Social Psychol 49:441-2 Jl '54

Russell, R. W. Effect of biochemical lesions on behavior. Acta Psychol 14 no4:292-4 '58

Umbreit, Wayne William. Metabolic maps. Burgess '52 incl bibliog

Walker, Burnham Sarle, and others. Biochemistry and human metabolism. 3d ed Williams & Wilkins '57 incl bibliog

Williams, Roger John. Biochemical individuality; the basis for the genotrophic concept. Wiley '56 incl bibliog

Zirke, Raymond Elliott, ed. Symposium on molecular biology. Univ. of Chicago press '59 incl bibliog

See also

Alcohol in the body

Antimetabolites

Biogeochemistry

Blood—Analysis and chemistry

Body fluids

Calcium in the body

Carbohydrates

Chemistry, Medical and pharmaceutical

Enzymes

Fat

Fluorine in the body

Glutathione

Histochemistry

Luminescence, Biological

Metabolism

Mucins

Osmosis

Paramecium

Pharmacology

Pituitary extract

Proteins

Toxins and antitoxins

Urea

Early works

Hepburn, J. E. Pioneer biochemical researches at the University of Pennsylvania. Franklin Inst J 261:647-8 Je '56

BIOCHEMISTS

Angel, Juvenal Londoño. Careers in biochemistry; training, scholarships, fellowships and employment possibilities. (Monograph 58) World trade '58 p23-6

BIOCLIMATICS. See Bioclimatology**BIOCLIMATOLOGY**

American meteorological society. Recent studies in bioclimatology; a group; by C. W. Thornthwaite [and others] with a pref. by Jacques M. May. (Meteorological monographs, v2, no8) The society '54 incl bibliog

Assmann, Dietmar. Die wetterfähigkeit des menschen; ursachen und pathogenese der biologischen wetterwirkung. Fischer '55 p 160-71

BIOCLIMATOLOGY—Continued

- Linde, Roelof Johan van der. Problem of the woodplantings between cultivated fields; the microclimate of oak-coppice sheltered areas. Van der Wiel '51 p 157-9
- Rosenthal, Gerson Max. Role of moisture and temperature in the local distribution of the plethodontid salamander *aneides lugubris*. (Calif. Univ. Pubs. in zoology, v54, no6) Univ. of Calif. press '57 p419-20
- Steinhaus, Ferdinand, and others. Klima und bioklima von Wien: eine übersicht mit besonderer berücksichtigung der bedürfnisse der stadtplanung und des bauwesens. Österr. gesellschaft für meteorologie '55 incl bibliog
- United Nations educational, scientific and cultural organization. Climatology: reviews of research. (Arid zone research, 10) UNESCO '53 190p
- United Nations educational, scientific and cultural organization. Human and animal ecology; review of research. *Ecologie humaine et animale; compte rendu de recherches*. (Arid zone research, 8) UNESCO '57 244p

BIODYNAMICS

- Lund, F. H. Biodynamics vs. Freudian psychodynamics. Education 78:54 S '57

BIOGENESIS. See Life (biology)—Origin**BIOGEOCHEMISTRY**

- Murray, A. N. Growing vegetation identifies formations. World Oil 141:104 J1 '55

BIOGRAPHY

- Biography index; a cumulative index to biographical material in books and magazines. Wilson. See numbers
- Garraty, John A. Nature of biography. Knopf '57 p261-89 annot
- Garraty, J. A. Interrelations of psychology and biography. Psychol Bul 51:530-2 N '54
- Jacobs, L. M. Recent biographies. Chicago Sch J 36:86-90 D '54
- Other people's lives; 14th series. Cornelia Spencer Love. (N.C. Univ. Lib. extension pub, v21, no2) Univ. of N.C. press '56 42p
- Pinto, Vivian de Sola. Seventeenth-century biographies. (Nat. bk. league. Reader's guides, 2d ser, 5) Cambridge '55 32p annot

See also

- Anecdotes
- Autobiography
- Heraldry
- Military biography
- also subhead Biography under the following subjects
- Arkansas
- Businessmen
- China
- Franciscans
- Great Britain
- Handicapped
- Michigan
- Pharmacists
- United States—Army
- United States—History—Civil war
- Women in the United States

BIOLOGICAL assay

- Berkson, J. Estimate of the integrated normal curve by minimum normit chi-square with particular reference to bio-assay. Am Stat Assn J 50:536+ Je '55
- Hunter, S. H. and others. Microbiological assays. Anal Chem 30:864-7 Ap '58

See also

- Vitamins—Biological assay
- BIOLOGICAL chemistry. See Biochemistry**

BIOLOGICAL physics

- Abstracts section. See numbers of Physics in medicine and biology
- Advances in biological and medical physics, v31-[6] Academic press '53-'58 4v incl bibliog
- Catton, William Thorpe. Physical methods in physiology. Philosophical lib. '57 incl bibliog
- National biophysics conference. Proceedings of the first Conference, Columbus, Ohio, March 4-6, 1957; ed. by Henry Quastler and Harold J. Morowitz. Yale univ. press '59 incl bibliog
- Stacy, Ralph Winston, and others. Essentials of biological and medical physics; with an introd. by Otto Glasser. McGraw '55 incl bibliog

See also

- Absorption (physiology)

BIOLOGICAL products

- Chilean iodine educational bureau, London. Micro-determination of iodine in biological materials, with select bibliography. The bureau '58 p29-38

BIOLOGICAL research

- Finney, David John. Experimental design and its statistical basis. (Scientist's lib: Biology and medicine) Univ. of Chicago press '55 p 162-5

See also

Culture media**BIOLOGICAL warfare**

- Berger, B. B. and Stevenson, A. H. Biological warfare against public water supplies. Munic Util 93:52 Je '55
- United States. Federal civil defense administration. Civil defense against biological warfare; technical manual. (U.S. civil defense) U.S. Gov. ptg. office '53 incl bibliog

BIOLOGY

- Artelt, Walter. Index zur geschichte der medizin, naturwissenschaft und technik; unter mitwirkung von Johannes Steudel [et al] Urban & Schwarzenberg '53 398p
- Benton, Allen H. and Werner, William Ernest. Principles of field biology & ecology. McGraw '58 incl bibliog
- Biological abstracts; a comprehensive abstracting and indexing journal of the world's literature in theoretical and applied biology, exclusive of clinical medicine; pub. under the auspices of the Union of Am. biological societies. Univ. of Pa. See numbers
- Biology colloquium. Oregon state college. Arctic biology; 13th annual biology colloquium. Friday and Saturday, Apr. 19-20, 1957; ed. by Henry P. Hansen. Ore. state chapter of the Phi Kappa Phi '57 incl bibliog
- Comfort, Alexander. Biology of senescence. Rinehart '56 p201-44
- Conference on group processes. Group processes; transactions of the 1st-[2d] Conference, 1954[-1955] Macy '55-'56 2v incl bibliog
- Eisman, Louis and Tanzer, Charles. Biology and human progress. 2d ed Prentice-Hall '58 p526-31
- Graubard, Mark Aaron. Foundations of life science. Van Nostrand '58 incl bibliog
- Grigg, Mildred Annie. New course of plants and animals; bk. II. Cambridge '58 p225-8
- Hall, Thomas Steele, and Moog, Florence. Life science; a college textbk. of general biology. Wiley '55 incl bibliog
- Hollaender, Alexander, and others, eds. Radiation biology. McGraw '54-'56 3v incl bibliog
- International abstracts of biological sciences. Pergamon. See numbers
- Johnson, Willis Hugh, and others. General biology. Holt '56 incl bibliog
- Library association. County library section. Biology. (Reader's guide, new ser, no35) The section '57 16p
- McCormick, J. A. Isotope techniques in biological sciences; a sel. list of references. (TID-3512) Technical information service extension, U.S. Atomic energy comm. '58 44p
- New York (city). Board of education. Biology (regents, course) (Curriculum bul. 1956-57 ser, no 10) The board '58 incl bibliog
- Polska akademii nauk. Instytut biologii doświadczalnej imienia M. Nenckiego. Biblioteka. Spis polskich biologicznych czasopism i wydawnictw ciągłych znajdujących się w bibliotekach polskich; materiały bibliograficzne; zestawili i opracowali Aniela Szwajczerowa i Jadwiga Groszyńska. The library '52 224p
- Polska akademii nauk. Quarterly review of scientific publications; serB: Biological sciences. Ossolium. See numbers
- Sankey, John. Guide to field biology. Longmans '58 p 148-57
- Science abstracts of China. Biological sciences. Inst. of scientific information. Acad. sinica. See numbers
- Simpson, George Gaylord, and others. Life: an introduction to biology. Harcourt '57 p819-22
- Stone, Dorothy F. Modern high school biology; a recommended course study. (Science manpower project. Monographs) Bur. of pubs, Teachers college '59 p35-6
- Suñer, August Pl. Classics of biology; authorized English tr. by Charles M. Stern. Philosophical lib. '55 p325-6
- United States. National institutes of health. List of Russian review papers in biology and medicine; comp. by Zelda D. Knowles. The institute '53 30p

BIOLOGY—Continued

Wells, Harrington, and Wells, Patrick H. General biology. McGraw '56 incl bibliog
Young, Clarence Whitford, and others. Introduction to biological science; a study of the human body and of the world of plants and animals. Harper '56 p543-5 annot

See also

Adaptation (biology)
Aggregation (biology)
Anatomy
Bioclimatology
Biometry
Botany
Cells
Color of animals
Differentiation (biology)
Ecology
Electrophysiology
Embryology
Evolution
Fertilization (biology)
Fresh water biology
Genetics
Heredity
Hybridization
Karyokinesis
Life (biology)
Marine biology
Mimicry (biology)
Mutation (biology)
Natural history
Parasites
Parasitism
Parthenogenesis
Phylogeny
Physiology
Pigments (biology)
Protoplasm
Regeneration (biology)
Reproduction
Sex (biology)
Size (biology)
Soil biology
Species
Symbiosis
Variation (biology)
Zoology

Classification

Copeland, Herbert Faulkner. Classification of lower organisms. Pacific bks. '56 p238-70

History

Ballauff, Theodor. Die wissenschaft vom leben; eine geschichte der biologie. (Orbis academicus; problemgeschichten der wissenschaft in dokumenten und darstellungen, v II/8) K. Alber '54 p393-424

Periodicals

United States. Library of Congress. Science division. Biological sciences serial publications; a world list, 1950-1954; comp. by John Henry Richter and Charles P. Daly. Biological abstracts '55 269p

Woods Hole, Massachusetts. Marine biological laboratory. Library. Serial publications held by the Library and the Woods Hole oceanographic institution. rev ed (Biological bul, v 102, no 1, pt2) The library '52 91p

Philosophy

Beck, William Samson. Modern science and the nature of life. Harcourt '57 p283-93

Beckner, Morton. Biological way of thought. Columbia univ. press '59 p 191-5

Study and teaching

Green, Thomas Leslie. Teaching and learning of biology in secondary schools, with special reference to grammar schools. 2d rev ed Allman '54 p235-44

National research council. Committee on educational policies. Biological education; a partial bibliography. (Pub. 513) The council '57 159p

National research council. Committee on educational policies. Improving college biology teaching, by the Subcommittee on college education. (Pub. 505) The council '57 p45-7 58-65

BIOLOGY as a profession

Angel, Juvenal Londoño. Biology: careers, scholarships and sources of employment. (Monography no40) World trade acad. press '56 p27-8

National research council. Division of biology and agriculture. Career opportunities in biology; the challenge of the life sciences [by] Russell B. Stevens. (Pub. 552) The council '57 p51-62

BIOLUMINESCENCE. See Luminescence, Biological

BIOMATHEMATICS.

Bailey, Norman T. J. Mathematical theory of epidemics. Hafner pub. co. '57 p 184-9

See also

Biometry

BIOMETRY

Garn, Stanley M. and Shamir, Zvi. Methods for research in human growth. Thomas '58 p 103-15

Imbrie, John. Biometrical methods in the study of invertebrate fossils. (Bul. v 108, article 2) Am. museum of natural history '56 p252

See also

Biostatistics

BIOPHYSICS. See Biological physics

BIRCHES**Diseases and pests**

Barter, G. W. Studies of the bronze birch borer, *agrilus anxius* Gory in New Brunswick. Can Entom 89:36 Ja '57

BIRD population

Davis, D. E. Population changes and roosting time of starlings. Ecology 36:429-30 Jl '55

Hoffmann, R. S. Role of predators in cyclic declines of grouse populations. J Wildlife Mgt 22:318-19 Jl '58

Larsen, J. A. and Lahev, J. F. Influence of weather upon a ruffed grouse population. J Wildlife Mgt 22:69-70 Ja '58

MacArthur, R. H. On the breeding distribution pattern of North American migrant birds. Auk 76:324-5 Jl '59

MacArthur, R. H. Population ecology of some warblers of Northeastern coniferous forests. Ecology 39:618-19 O '58

BIRD song

Hartshorne, C. Monotony-threshold in singing birds. Auk 73:191-2 Ap '56

Scheer, Georg. Beobachtungen und untersuchungen über die abhängigkeit des frühgesanges der vögel von inneren und äusseren faktoren. (Biologische abh, no3/4) Bruns & Niebuhr '52 p57-67

BIRD stories. See Birds—Legends and stories

BIRDS

Bastian, J. W. and Zarrow, M. X. New hypothesis for the asynchronous ovulatory cycle of the domestic hen (*gallus domesticus*) Poultry Sci 34:787-8 Jl '55

Gilliard, Ernest Thomas. Living birds of the world. Doubleday '58 p387-8

Greenway, James Cowan. Extinct and vanishing birds of the world. (Special pub. no 13) Am. com. for int. wild life protection '58 p439-83

Hutton, Henry Porter Wolseley, ed. Ornithologists' guide; especially for overseas. Philosophical lib. '56 incl bibliog

Kansas. University. Libraries. Catalog of an exhibition of landmarks in the development of ornithology, from the Ralph N. Ellis collection of ornithology in the University of Kansas libraries. by Robert M. Mengel. The libraries '57 33p

Nice, M. M. Incubation periods throughout the ages. Centaurus 3 no4:353-9 '54

Recent literature. See numbers of Auk

Scharff, Robert. Look for a bird's nest. Putnam '58 p92-4

Van Tyne, Josselyn, and Berger, Andrew John. Fundamentals of ornithology. Wiley '59 incl bibliog

Wallace, George John. Introduction to ornithology. Macmillan '55 incl bibliog

Wing, Leonard William. Natural history of birds; a guide to ornithology. Ronald '56 incl bibliog

Wolfson, Albert, ed. Recent studies in avian biology; contributors: David E. Davis [and others] Univ. of Ill. press '55 incl bibliog

See also

Game and game birds

Poultry

Water birds

Anatomy

Berger, Andrew John. On the anatomy and relationships of *fregilupus varius*, an extinct starling from the Mascarene Islands. (Bul. v 113, article 3) Am. museum of natural history '57 p271-2

Calhoun, Mary Lois. Microscopic anatomy of the digestive system of the chicken. Iowa state college press '54 p97-108

BIRDS—Anatomy—Continued

- Fisher, Harvey I. and Goodman, Donald Charles. Myology of the whooping crane, *grus americana*. (Ill. biological monographs, v24, no2) Univ. of Ill. press '55 p 125-7
- Wingstrand, Karl Georg. Structure and development of the avian pituitary from a comparative and functional viewpoint. *Glee-rup* '51 p304-16

See also

Feathers
Generative organs—Birds

Breeding

- Dixon, Keith Lee. Ecological analysis of the interbreeding of crested titmice in Texas. (Calif. Univ. Pubs. in zoölogy, v54, no3) Univ. of Calif. press '55 p 191-7
- Fischer, Richard B. Breeding biology of the chimney swift, *chactura pelagica* (Linnaeus) (N.Y. State museum, Bul. no368) Univ. of the state of N.Y. '58 p 134-40
- Wagner, H. O. Variation in clutch size at different latitudes. *Auk* 74:249-50 Ap '57

Classification

- Stresemann, E. Status of avian systematics and its unsolved problems. *Auk* 76:279-80 Jl '59

Diseases and pests

- Chute, Harold Leroy, and O'Meara, D. C. Bibliography of avian mycosis (partially annotated) (Misc. pub. 631) Maine, Agricultural experiment station '57 81p

- Halloran, Patricia O'Connor. Bibliography of references to diseases of wild mammals and birds. (Am. journal of veterinary research, v 16 pt2) Am. veterinary medical assn. '55 465p

See also

Parasites—Birds

Ecology

- Cottam, C. Uses of marking animals in ecological studies: marking birds for scientific purposes. *Ecology* 37:680-1 O '56

- Larson, Sten. Suborder charadrii in arctic and boreal areas during the tertiary and pleistocene; a zoogeographic study. (Acta vertebratica v 1, no 1) Almqvist '57 p82-4

- MacArthur, R. H. On the breeding distribution pattern of North American migrant birds. *Auk* 76:324-5 Jl '59

- MacArthur, R. H. Population ecology of some warblers of Northeastern coniferous forests. *Ecology* 39:618-19 O '58

Eggs and nests

- Hicks, Ellis A. Check-list and bibliography on the occurrence of insects in birds' nests. Iowa state college press '59 p595-666

- Lack, D. Review of the genera and nesting habits of swifts. *Auk* 73:27-32 Ja '56

Embryology

See Embryology—Birds

Geographical distribution

- Haartman, Lars von. Decrease of the corn-crake (*crex crex*) (Finska vetenskaps-societeten, Helsingfors. Commentationes biologicae, XVIII, 2) Munskgaard '58 p27-9

Habits and behavior

- Andrew, R. J. Aggressive and courtship behaviour of certain emberizines. *Behaviour* 10 no3-4:340-6 '56

- Bakus, G. J. Observations on the life history of the dipper in Montana. *Auk* 76:206-7 Ap '59

- Banks, E. M. Social organization in red jungle fowl hens (*gallus gallus* subsp.) *Ecology* 37:247-8 Ap '56

- Davis, D. E. Population changes and roosting time of starlings. *Ecology* 36:429-30 Jl '55

- Fisher, James, and Lockley, Ronald Mathias. Sea-birds; an introd. to the natural history of the sea-birds of the North Atlantic. (New naturalist; a survey of British natural history) Collins '54 p297-313

- Guhl, A. M. Development of social organization in the domestic chick. *Animal Behaviour* 6:111 Ja '58

- Haartman, L. von. Adaptation in hole-nesting birds. *Evolution* 11:346-7 S '57

- Iersel, J. J. A. van, and Bol, A. C. A. Preening of two tern species. *Behaviour* 13 no 1: 85-7 '58

- Marler, P. Specific distinctiveness in the communication signals of birds. *Behaviour* 11 no 1:35-8 '57

- Marler, P. Studies of fighting in chaffinches. *Brit J Animal Behaviour* 5:36-7 Ja '57

- Moynihan, M. Types of hostile display. *Auk* 72:258-9 Jl '55

- Simmons, K. E. L. Nature of the predator-reactions of waders towards humans; with special reference to the role of the aggressive-, escape- and brooding-drives. *Behaviour* 8 no2:168-72 '55

- Weise, C. M. Nightly unrest in caged migratory sparrows under outdoor conditions. *Ecology* 37:286-7 Ap '56

- Young, H. Breeding behavior and nesting of the eastern robin. *Am Midl Natur* 53:351-2 Ap '55

See also

Birds—Breeding

Legends and stories

- Armstrong, Edward Allworthy. Folklore of birds; an enquiry into the origin & distribution of some magico-religious traditions. Houghton '59 p245-56

Migration

- Dorst, Jean. Les migrations des oiseaux; migrations en Europe et en Asie, en Amérique du Nord, dans les régions australes, dans les régions intertropicales, migrations des oiseaux de mer, modalités des migrations, invasions d'oiseaux, hibernation, déterminisme physiologique, orientation des migrateurs, origine et évolution des migrations. (Bibliothèque scientifique) Payot '56 incl bibliog

- Farner, D. S. and others. Diurnal activity patterns of caged migratory white-crowned sparrows in later winter and spring. *J Comp & Physiol Psychol* 47:153 Ap '56

- Hochbaum, Hans Albert. Travels and traditions of waterfowl. Univ. of Minn. press '55 p259-83

- McGreal, R. D. and Farner, D. S. Pre-migratory fat deposition in the gambel white-crowned sparrow: some morphologic and chemical observations. *Northwest Sci* 30:21-3 F '56

- Matthews, Geoffrey Vernon Townsend. Bird navigation. (Cambridge monographs in experimental biology, no3) Cambridge '55 p 124-38

- Salomonsen, Finn. Fugletræk og dets gæder. Munksgaard '53 p217-24

- Scholander, S. I. Land birds over the western North Atlantic. *Auk* 72:238-9 Jl '55

- Simms, Eric. Bird migrants; some aspects and observations. Cleaver-Hume '52 p 189-202

- United States. Fish and wildlife service. Distribution and status of waterfowl in the Missouri River basin. (Mo. River basin studies) The service '57 p 116-36

- Weise, C. M. Nightly unrest in caged migratory sparrows under outdoor conditions. *Ecology* 37:286-7 Ap '56

Navigation

See Birds—Migration

Physiology

- Denington, E. M. and Lucas, A. M. Blood technics for chickens. *Poultry Sci* 34:368 Mr '55

- Garren, H. W. and Shaffner, C. S. How the period of exposure to different stress stimuli affects the endocrine and lymphatic gland weights of young chickens. *Poultry Sci* 35: 271-2 Mr '56

- Hafez, E. S. E. Differential growth of organs and edible meat in the domestic fowl. *Poultry Sci* 34:752-3 Jl '55

- Harms, R. H. and others. Storage of vitamin A in chick livers as a criterion of stability, availability, and dietary level. *Poultry Sci* 34:1133 S '55

- Herrick, R. B. and Adams, J. L. Effect of exogenous gonadal hormones on single comb white leghorn pullets. *Poultry Sci* 34:1367 N '55

- Hodosa, T. and others. Serological studies on egg production in the fowl. *Poultry Sci* 34:14-15 Ja '55

- Johnson, I. S. and Leone, C. A. Ontogeny of proteins of the adult chicken heart as revealed by serological techniques. *J Exp Zool* 130:552-4 D '55

BIRDS—Physiology—*Continued*

- Knight, F. F. and Schechtman, A. M. Passage of heterologous serum proteins from the circulation into the ovum of the fowl. *J Exp Zool* 127:301-4 N '54
- Kosin, I. L. Metabolism of turkey semen as affected by the environment of donor birds. *Poultry Sci* 37:386-8 Mr '58
- McGreal, R. D. and Farnier, D. S. Premigratory fat deposition in the gambel white-crowned sparrow: some morphologic and chemical observations. *Northwest Sci* 30:21-3 F '56
- Marsden, S. J. and others. Relationships among diet composition, fleshing, fatness, and edible quality of female roasting turkeys. *Poultry Sci* 36:645-6 My '57
- Sturkie, P. D. Survey of recent advances in poultry physiology. *Poultry Sci* 37:506-9 My '58
- Tanaka, T. and Rosenberg, M. M. Relationship between hemoglobin levels in chickens and certain characters of economic importance. *Poultry Sci* 33:827 Jl '54

Reproduction

- Morris, Desmond. Reproductive behaviour of the ten-spined stickleback (*pygosteus pungitius* L.) (*Behaviour*. Sup6) Brill '58 p 148-52
- Shank, M. C. Natural termination of the refractory period in the slate-colored junco and in the white-throated sparrow. *Auk* 76:53-4 Ja '59

Song

See Bird song

Arabia

- Meinertzhagen, Richard. Birds of Arabia. Oliver '54 p582-7

Arctic regions

- Clarke, C. H. D. Wildlife research in the North America arctic. *Arctic* 7 no3:263-5 '54
- Hanson, Harold Carsten and others. Geography, birds, and mammals of the Perry River region. (Special pub. no3) *Arctic inst. of North Am.* '56 p93-6
- Snyder, Lester Lynne. Arctic birds of Canada. Univ. of Toronto press '57 p297-302

Atlantic ocean

- Fisher, James, and Lockley, Ronald Mathias. Sea-birds; an intro. to the natural history of the sea-birds of the North Atlantic. (New naturalist; a survey of British natural history) Collins '54 p297-313

Australia

- Keast, A. Speciation in the genus *amyturnis* Stejneger (passeres: muscipidae, maluri-nae) in Australia. *Australian J Zool* 6:51-2 My '58
- Keast, A. Variation and speciation in the Australian campephagidae. *Australian J Zool* 6:266-7 D '58
- Keast, A. Variation and speciation in the genus *climacteris* Temminck (aves: sit-tidae) *Australian J Zool* 5:494-5 D '57
- Whittell, Hubert Massey. Literature of Australian birds: a history and a bibliog. of Australian ornithology. *Brockensha* '54 788p

Brazil

- Mitchell, Margaret Knox (Howell). Observations on birds of southeastern Brazil; pub. for the Div. of zoology and palaeontology, Royal Ontario museum. Univ. of Toronto press '57 p233-40

Burma

- Symthies, Bertram Evelyn. Birds of Burma. 2d rev ed Oliver '53 p619-34

Canada

- McAtee, W. L. Folk-names of Canadian birds. (Bul. no 149; Biological ser, no51) Nat. museum of Canada '57 p68-70
- Manning, Thomas Henry, and others. Birds of Banks Island. (Bul. no 143) Nat. museum of Canada '56 p 129-36
- Snyder, Lester Lynne. Arctic birds of Canada. Univ. of Toronto press '57 p297-302

Europe

- Olsson, Viking. Dispersal, migration, longevity and death causes of strix aluco, buteo buteo, ardea cinerea and larus argentatus; a study based on recovery of birds ringed in Fennoscandia. (*Acta vertebratica*, v 1, no2) Almqvist '58 p 182-9

Georgia

- Burleigh, Thomas Dearborn. Georgia birds. Univ. of Okla. press '58 p705-31

Germany

- Söding, Klemens. Vogelwelt der heimat; gefederte freunde im industriegebiet und Münsterland. Bongers '53 p332-5

Hawaiian Islands

- Bailey, Alfred Marshall. Birds of Midway and Laysan islands. (Museum pictorial no 12) Denver museum of natural history '56 p 126-30

Iowa

- Stephens, Thomas Calderwood. Annotated bibliography of Iowa ornithology. (Occasional papers, no4) Neb. ornithologists' union '57 114p

Java

- Hoogerwerf, A. Ornithological bibliography having particular reference to the study of birds in Java. (Bul. no 13-16) Organisatie voor natuurwetenschappelijk onderzoek in Indonesië '53 4v

Louisiana

- Lowery, George Hines. Louisiana birds. La. state univ. press '55 p519-42

Massachusetts

- Griscom, Ludlow, and Snyder, Dorothy Eastman. Birds of Massachusetts; an annot. and rev. check list. Peabody museum '55 p265-84

Netherlands

- Brouwer, Gerrit Anton. Historische gegevens over onze vroegere ornithologen en over de avifauna van Nederland. Brill '54 p 188-217

North America

- Bent, Arthur Cleveland. Life histories of North American blackbirds, orioles, tanagers, and allies; order: passeriformes; families: proceidae, icteridae, and thraupidae. (U.S. Nat. museum. Bul. 211) Smithsonian inst. '58 p510-31
- Dixon, Keith Lee. Ecological analysis of the interbreeding of crested titmice in Texas. (Calif. Univ. Pubs. in zoology, v54, no3) Univ. of Calif. press '55 p 191-7
- Gabrielson, Ira Noel, and Lincoln, Frederick Charles. Birds of Alaska. Topography of a bird by Bob Hines. Gazetteer by Myra A. Putnam. Stackpole co. '59 p854-908
- Gross, A. O. Recent reappearance of the dickcissel (*spiza americana*) in eastern North America. *Auk* 73:70 Ja '56
- Stewart, Robert E. and Robbins, Chandler S. Birds of Maryland and the District of Columbia. (North Am. fauna no62) U.S. Fish & wildlife service '58 p375-86
- Welker, Robert Henry. Birds and men; Am. birds in science, art, literature, and conservation, 1800-1900. Harvard univ. press '55 p213-20
- Wetherbee, David Kenneth. Natal plumage and downy pteryloses of passerine birds of North America. (Bul. v 113, article 5) Am. museum of natural history '57 p431-6

North Dakota

- Stephens, Thomas Calderwood. Annotated bibliography of North Dakota ornithology. (Neb. ornithologists' union. Occasional papers, no2) Youngworth '56 22p

Schleswig-Holstein

- Beckmann, Karl Otto. Die vogelwelt Schleswig-Holsteins. (Bücher der heimat, 3) Wachholtz '51 p 136-52

Shetland

- Venables, L. S. V. and Venables, Ursula M. Birds and mammals of Shetland. Oliver '55 p373-85

BIRDS—Continued

Spain

- Mountfort, Guy. Wild paradise; the story of the Coto Doñana expeditions; introd. by Viscount Alanbrooke. Houghton '58 p229-30
—Same; with title: Portrait of a wilderness; the story of the Coto Doñana expeditions; introd. by Viscount Alanbrooke. Hutchinson '58 p229-30

Tropics

- Wagner, O. Variation in clutch size at different latitudes. Auk 74:249-50 Ap '57

Utah

- Behle, William Harroun. Bird life of Great Salt lake; the life history, ecology and population trends of the Calif. gulls, white pelicans, double-crested cormorants and great blue herons, together with an account of the Bear River migratory bird refuge. Univ. of Utah press '58 p 192-203
Behle, William Harroun. Birds of the Deep Creek mountains of central western Utah. (Biological ser, v 11, no4) Univ. of Utah '55 p32-4

West

- Blackford, John L. Western wonderlands; a guide to bird habitats of the western United States; birds of the deserts, stream borders, forests, and mountains of the West. Vantage '56 p 114-16
Pough, Richard Hooper. Audubon Western bird guide; land, water, and game birds, western North America, incl. Alaska, from Mexico to Bering strait and the Arctic ocean. Doubleday '57 p xxix-xxxiii
BIRDS (in religion, folklore, etc.)

See also

- Birds—Legends and stories
BIRDS, Effect of climate on
Shelford, V. E. and Yeatter, R. E. Some suggested relations of prairie chicken abundance to physical factors, especially rainfall and solar radiation. J Wildlife Mgt 19:241-2 Ap '55

BIRDS, Effect of radioactivity on

- Chapman, A. O. Effects of varying dosage of radioactive phosphorus (P^{32}) in the early chick embryo. J Morphol 95:463-4 N '54

BIRDS, Extinct

- Berger, Andrew John. On the anatomy and relationships of *fregilupus varius*, an extinct starling from the Mascarene islands. (Bul. v 113, article 3) Am. museum of natural history '57 p271-2
Greenway, James Cowan. Extinct and vanishing birds of the world. (Special pub. no 13) Am. com. for int. wild life protection '58 p439-82

See also

- Moas
BIRDS, Fossil
Wetmore, Alexander. Birds of the Pleistocene in North America. (Smithsonian misc. colls, v 138, no4) Smithsonian inst. '59 p22-4
Wetmore, Alexander. Miscellaneous notes on fossil birds. (Smithsonian misc. colls, v 135, no8) Smithsonian inst. '58 p 10-11

BIRDS of prey

See also

- Eagles
BIRGE, Edward Asahel, 1851-1950
Sellery, George Clarke. E. A. Birge; a memoir; with an appraisal of Birge the limnologist, an explorer of lakes, by C. H. Mortimer. Univ. of Wis. press '56 p207-11
BIRKBECK, George, 1776-1841
Kelly, Thomas. George Birkbeck, pioneer of adult education. Univ. of Liverpool press '57 p340-63
BIRNEY, James Gillespie, 1792-1857
Fladeland, Betty Lorraine. James Gillespie Birney: slaveholder to abolitionist. Cornell univ. press '55 p295-315

BIRTH, Multiple

See also

- Twins
BIRTH control
Best, Winfield, and Jaffe, Frederick, S. eds. Simple methods of contraception; an assessment of their medical, moral and social implications; foreword by R. Gordon Douglas. Planned parenthood federation of Am. '58 p61-3
Chandrasekhar, Sripathi. Population and planned parenthood in India; introd. by Julian Huxley. Allen '55 p99-105

- Hill, Reuben, and others. Family and population control; a Puerto Rican experiment in social change. Univ. of N.C. press '59 p468-73

- Lader, Lawrence. Margaret Sanger story and the fight for birth control. Doubleday '55 p347-8

- Rehwinkel, Alfred Martin. Planned parenthood and birth control in the light of Christian ethics. Concordia '59 p 109-12

- Sulloway, Alvah Woodbury. Birth control and Catholic doctrine; pref. by Aldous Huxley. Beacon press '59 p235-41

See also

Abortion

BIRTH rate

See also

Sex ratio

BISCHOFF, Friedrich, 1896-

- Johann, Ernst, ed. Friedrich Bischoff, linien eines lebens; gestalt, wesen und werk [zum 60. geburtstag am 26. jan. 1956] Schlichtenmayer '56 p209-24

BISHOP, William Warner, 1871-1955

- Kaser, D. William Warner Bishop: contributions to a bibliography. Lib Q 26:52-60 Ja '56

BISHOPS (canon law)

- Carroll, James Joseph. Bishop's quinquennial report; a historical synopsis and a commentary. (Catholic univ. of Am. Canon law studies, no359) Catholic univ. of Am. press '56 p 140-5

BISMARCK, Otto, fürst von, 1815-1898

- Reiners, Ludwig. Bismarck. Beck '56-'57 2v v 1, p452-62; v 2, p530-42

- Taylor, Alan John Percivale. Bismarck, the man and the statesman. Knopf '55 p275-7

- Vogel, Walter. Bismarcks arbeiterversicherung; ihre entstehung im kräftespiel der zeit. Westermann '51 p 178-88

BITUMINOUS materials

- Duriez, Marius, and Arrambide, Jean. Liants hydrocarbonés, mortiers et bétons bitumineux; préf. de L. Stahl. (Coll. du laboratoire central des ponts et chaussées) Dunod '54 p713-19

- Green, E. H. and Gough, C. M. Solvent method for recovering cutback and penetration-grade bitumens from road mixtures. J Ap Chem 9:298 Je '59

- Heinrich, Friedrich Joseph. Bituminöse anstrichstoffe; v3, Der aufbau bituminöser anstriche & überzüge und seine physikalischen & chemischen grundlagen. rev ed Fachliteratur-ermittlungs- & berichtsdienst für industrie & forschung '54 p41-60

See also

- Asphalt
Coal tar
Tar

Testing

- American society for testing materials. Symposium on effect of water on bituminous paving mixtures; presented at the 61st annual meeting, Boston, Mass. June 24, 1958. (Special technical pub. no240) The society '59 incl bibliog

BITZIUS, Albert (Jeremias Gotthelf, pseud) 1797-1854

- Fehr, Karl. Das bild des menschen bei Jeremias Gotthelf. Huber '53 p308-10

- Waidson, H. M. Jeremias Gotthelf; an introd. to the Swiss novelist. (Modern language studies) Blackwell '53 p218-28

BIZET, Georges, 1838-1875

- Curtiss, Mina Stein (Kirstein). Bizet and his world. Knopf '58 p475-7

BJÖRCK, Gudmund, 1905-1955

- Björck, Gudmund. Ord och tanke i hellensk dikt. Geber '56 p219-31

BJÖRLING, Gunnar Olof, 1887-

- Björling, Gunnar Olof. Så fjärran skäller; korn och tanke urval, 1922-1951. Wahlström & Widstrand '52 p 182

BJÖRNSON, Björnsterne, 1832-1910

- Thuesen, Arthur. Björnson-bibliografi. Damm '48-'57 5v

BLACK diamonds. See Diamonds, Industrial

BLACK Hawk, Sauk chief, 1767-1838

- Autobiography [of Ma-ka-tai-me-she-kia-kia] ed. by Donald Jackson. Univ. of Ill. press '55 p 193-6

BLACK locust trees. See Locust trees—False acacias

BLACK monks. See Benedictines

- BLACKMORE, Richard Doddridge, 1825-1900**
Dunn, Waldo Hilary. R. D. Blackmore, the author of Lorna Doone; a biography. Longmans '56 p292-300
- BLAKE, Robert Pierpont, 1886-1950**
Wolff, R. L. Robert Pierpont Blake (1886-1950) Dum Oaks Pa no8:7-9 '54
- BLAKE, William, 1757-1827**
Balakian, A. Literary fortune of William Blake in France. Mod Lang Q 17:269-72 S '56 annot
- BLAKESLEE, Albert Francis, 1874-1954**
Sinnott, E. W. Albert Francis Blakeslee. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p25-38)
- BLANCHARD, Jonathan, 1811-1892**
Kilby, Clyde S. Minority of one; the biography of Jonathan Blanchard. Eerdmans '59 p237-41
- BLANQUI, Louis Auguste, 1805-1881**
Spitzer, Alan Barrie. Revolutionary theories of Louis Auguste Blanqui. (Columbia studies in the social sciences, no594) Columbia univ. press '57 p 185-97
- BLAST furnaces**
See also
Slag
- BLASTOMYCOSIS**
Robbins, E. S. North American blastomycosis in the dog. Am Vet Med Assn J 125:397-8 N '54
See also
Coccidioidosis
- BLATTIDAE.** See Cockroaches
- BLEACHING**
Edelstein, S. M. Thirteen keys; hints on studying the history of dyeing and bleaching. Am Dyestuff Rep 48:37-40 My 4 '59 annot
See also
Paper making and trade—Bleaching
- BLEST GANA, Alberto, 1830-1920**
Castillo, H. and Silva Castro, R. Novelas de Don Alberto Blest Gana. R Hisp Mod 23:293-304 Jl '57
- Silva Castro, Raúl, Alberto Blest Gana, 1830-1920.** 2d ed rev (Colección Biografías) Zigzag '55 p343-8
- BLIND**
Axelrod, Seymour. Effects of early blindness; performance of blind and sighted children on tactile and auditory tasks. (Research ser, no7) Am. foundation for the blind '59 p73-8
- California. Department of social welfare. Bibliography on blindness. The department '55 11p
- Coon, N. Current books and pamphlets in English relating to the blind; a sel. list of pubs. which may currently be purchased from the publishers. (In Perkins school for the blind, Waterson, Massachusetts. Annual report. (V 125) The school '56 p65-75) annot
- Farrell, Gabriel. Story of blindness. Harvard univ. press '56 p249-55
- Gowman, Alan G. War blind in American social structure. Am. foundation for the blind '57 p227-37
- MacFarland, Douglas Cortland. Study of work efficiency of blind and sighted workers in industry. (Pubs. Research ser, no5) Am. foundation for the blind '56 p52-3
- Norris, Miriam, and others. Blindness in children. Univ. of Chicago press '57 p 157-63
- Education**
- Abel, Georgie Lee. Concerning the education of blind children. (Educational ser, no 12) Am. foundation for the blind '59 p 103-4
- American foundation for the blind. Itinerant teaching service for blind children; proceedings of a Nat. work session held at Bear Mountain, N.Y., Aug. 20-24, 1956. (Group reps, no5) The foundation '57 p79-80
- Rowe, Emma Dorothy. Speech problems of blind children: a survey of the North Calif. area. (Education ser, no 10) Am. foundation for the blind '58 p37-9
- Fiction**
- Twersky, Jacob. Blindness in literature; examples of depictions and attitudes. (Research ser, no3) Am. foundation for the blind '55 p55-7
- BLIND, Books for the**
Braille book review; a guide to Braille and talking bk. publications. Am. foundation for the blind. See numbers
- United States. Library of Congress. Division for the blind. Union catalog of hand-copied books in Braille. The division '55 581p
See also
Talking books
- BLISS, Gilbert Ames, 1876-1851**
McShane, E. J. Gilbert Ames Bliss. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p46-53)
- BLOATING**
Boda, J. M. and others. Studies on the experimental production and prevention of bloat in cattle. J Dairy Sci 40:767; 41:301; 42:344-5 Jl '57, F '58, F '59
- Colvin, H. W. and others. Efficacy of oat hay as a legume bloat preventive in cattle. J Dairy Sci 41:1563-4 N '58
- Lindahl, Ivan L. and others. Alfalfa saponins; studies on their chemical, pharmacological, and physiological properties in relation to ruminant bloat. (U.S. Dept. of agriculture. Technical bul. no 1161) U.S. Gov. ptg. office '57 p81-3
- Lindahl, I. L. and others. Feedlot bloat studies. J Animal Sci 16:176-8, 524 F-May '57
- National research council. Committee on animal health. Review of bloat in ruminants; a rep. of the Committee of the Agricultural board; rev 1955. (Nat. research council. Pub. 388) The committee '56 p53-64
- BLOCH, Ernst, 1885-**
Gropp, Rugard Otto, ed. Ernst Bloch zum 70. geburtstag; festschrift. Deutscher verlag der wissenschaften '55 p 13-15
- BLOCH, Jules, 1880-1953**
Bloch, Jules. Grammatical structure of Dravidian languages; authorised tr. from the original French by Ramkrishna Ganesh Harshé. (College hand-bk. ser, 3) Decan college post-graduate & research inst. '54 p xxi-xxiv
- BLOOD**
Baserga, Angelo, ed. Attualità in ematologia; con la collaborazione di O. Ariotti [et al] Abruzzini editore '55 incl bibliog
- Biggs, Rosemary Peyton, and Macfarlane, Robert Gwyn. Human blood coagulation and its disorders. 2d ed Thomas '57 p429-70
- Byers, S. O. Origins of plasma cholesterol. Am J Clin Nutrition 6:640-1 N '58
- Dausset, Jean, and others. Immuno-hématologie biologique et clinique; préf. du prof. Jean Bernard. Eds. médicales Flammarion '56 incl bibliog
- Kesic, B. and Häusler, V. Hematological investigation on workers exposed to manganese dust. AMA Archives Ind Health 10: 341-3 O '54
- Lucas, A. M. and Denington, E. M. Effect of total body X-ray irradiation on the blood of female single comb white leghorn chickens. Poultry Sci 36:1309-10 N '57
- Miale, John B. Laboratory medicine, hematology. Mosby '58 incl bibliog
- National vitamin foundation, incorporated. Symposium on nutritional aspects of blood formation; proceedings of the Nutrition symposium held at the Univ. of Cincinnati, College of medicine, Cincinnati, Ohio, Oct. 22, 1954. (Nutrition symposium ser, no 10) The foundation '55 incl bibliog
- Progress in hematology, v 11-12 Grune '56-'59 2v incl bibliog
- Wintrobe, Maxwell Myer. Clinical hematology. 4th ed, thoroughly rev Lea '56 incl bibliog
See also
Bacteriolysis
Hemoglobin
Hemolysis and hemolysins
Hemorrhage
- Analysis and chemistry**
- Berfenstam, Ragnar. Studies on blood zinc: a clinical and experimental investigation into the zinc content of plasma and blood corpuscles with special reference to infancy. (Acta paediatrica, sup87) Almqvist '52 p94-7
- Bring, S. V. and others. Nutritional status of school children 15 and 16 years of age in three Idaho communities; blood biochemical tests. J Nutrition 57:43-5 S '55
- Byers, D. H. Evaluation of blood lead analyses. Ind Med 28:119-20 Mr '59

BLOOD—Analysis and chemistry—Continued

- Daland, Geneva Alice. Color atlas of morphologic hematology, with a guide of clinical interpretation; ed. by Thomas Hale Ham. rev ed Harvard univ. press '59 p59-67
- Denington, E. M. and Lucas, A. M. Blood technics for chickens. *Poultry Sci* 34:368 Mr '55
- Fleisher, J. H. and Pope, E. J. Colorimetric method for determination of red blood cell cholinesterase activity in whole blood. *AMA Archives Ind Hygiene & Occup Med* 9:334 Ap '54
- Holter, J. B. and others. Determination of volatile fatty acids in bovine blood by isotope dilution. *J Dairy Sci* 42:361-2 F '59
- MacDonald, M. A. and others. Rate and efficiency of gains in beef cattle; 4. Blood hemoglobin, glucose, urea, amino acid nitrogen, creatinine, and uric acid of growing Hereford and Angus calves. (Technical bul. 36) Agricultural experiment station, Ore. state college '56 p33-4
- Marinone, Giuseppe. Gli acidi nucleici in ematologia; studio di citologia chimica, ematologica, qualitativa e quantitativa; pref. di Paolo Introzzi. Tipografia viscontea '53 incl bibliog
- Nordlander, Olof, and others. Changes in total hemoglobin and blood volume in surgical cases treated with blood transfusions and with dextran solutions [tr. by Stanley H. Vernon] (Sup 196) *Acta chirurgica scandinavica* '54 p46-8
- Rasch, Ludwig Hubert. Lehrbuch der blutgruppenkunde; allgemeine und spezielle serologie der blutkörperchenmerkmale und ihrer anwendungsgebiete. De Gruyter '54 p379-413
- Robertson, W. G. and others. Interrelationships among plasma 17-hydroxycorticosteroid levels, plasma protein-bound iodine levels, and ketosis in dairy cattle. *J Dairy Sci* 40:736-8 J1 '57

Cholesterol content

- Anderson, J. T. and others. Effects of different food fats on serum cholesterol concentration in man. *J Nutrition* 62:442-4 J1 '57
- Byers, S. O. Origins of plasma cholesterol. *Am J Clin Nutrition* 6:640-1 N '58
- Hegsted, D. M. and others. Quantitative effects of cholesterol, cholic acid and type of fat on serum cholesterol and vascular sudanophilia in the rat. *J Nutrition* 63:287-8 O '57
- Keys, A. and others. Diet and serum cholesterol in man: lack of effect of dietary cholesterol. *J Nutrition* 59:55-6 My '56
- Nath, N. and others. Diet and cholesteremia. *J Nutrition* 67:305-7 F '59
- Newman, H. A. I. and others. Dietary saponin, a factor which may reduce liver and serum cholesterol levels. *Poultry Sci* 37:45-6 Ja '58
- Pohndorf, R. H. Cholesterol studies: a review. *Res Q* 29:190-2 My '58
- Portman, O. W. and others. Dietary fat and hypercholesteremia in the cebus monkey. *Am J Clin Nutrition* 7:68-9 Ja '59
- Walker, G. R. and others. Serum cholesterol levels of young and of elderly women consuming an institution diet. *J Nutrition* 60:524-5 D '56

Circulation

- Conference on shock and circulatory homeostasis. Shock and circulatory homeostasis; transactions of the 5th Conference, 1955. Macy '57 incl bibliog
- Foxon, G. E. H. Problems of the double circulation in vertebrates. *Cambridge Philos Soc Biol R* 30:226-8 My '55
- McDowall, Robert John Stewart [and others] Control of the circulation of the blood, new ed Dawson '56 2v v 1, p497-610; v2 incl bibliog
- Redisch, Walter, and Tangco, Francisco F. Peripheral circulation in health and disease; with a special sec. by R. L. deC. H. Saunders and associates. Grune '57 incl bibliog
- United States. Army medical service graduate school, Washington, D.C. Symposium on circulation and homeostasis, 5-9 October 1953. (Medical science pub. no3) The school '54 incl bibliog
- See also
Blood vessels
Blood volume

**Heart
Pulmonary circulation
Vascular system****Circulation, Artificial**

- Senning, Ake. Ventricular fibrillation during extracorporeal circulation used as a method to prevent air-embolisms and to facilitate intracardiac operations. (Sup 171) *Acta chirurgica scandinavica* '52 p72-9
- United States. National institutes of health. Surgery studv section. Extracorporeal circulation, comp. and ed. by J. Garrott Allen [and others] Thomas '58 incl bibliog

Circulation, Disorders of

- Bárány, Franz R. Abnormal vascular reactions in diabetes mellitus; a clinical physiological study. (Acta medica scandinavica, sup304) Ohlssons boktr. '55 p 128-9
- Mendlowitz, Milton. Digital circulation. Grune '54 p 147-70
- Norlander, Olof. Total hemoglobin, blood volume and circulatory changes in surgical patients; with special reference to post-operative substitution therapy [tr. by Stanley H. Vernon] (Sup 199) *Acta chirurgica scandinavica* '55 p33-5
- United States. Army medical service graduate school, Washington, D.C. Symposium on circulation and homeostasis, 5-9 October 1953. (Medical science pub. no3) The school '54 incl bibliog

Coagulation

- Biggs, Rosemary Peyton, and Macfarlane, Robert Gwyn. Human blood coagulation and its disorders. 2d ed Thomas '57 p429-70
- Jacobæus, Ulf. Studies on the effect of dextran on the coagulation of blood. (Sup 322) *Acta medica scandinavica* '57 p98-103
- Morawitz, Paul. Chemistry of blood coagulation; tr. by Robert C. Hartmann and Paul F. Guenther. (Am. lecture ser. Pub. no314. Monograph in the Bannerstone div. of Am. lectures in hematology) Thomas '58 p 153-94
- Rouser, G. Phospholipids and blood coagulation. *Am J Clin Nutrition* 6:686-7 N '58
- Tocantins, Leandro Maues, ed. Coagulation of blood; methods of study; prepared with the help and under the sponsorship of the Panel on blood coagulation of the Com. on medicine and surgery of the Nat. acad. of sciences, Nat. research council. Grune & Stratton '55 incl bibliog
- Wenckert, Anders. Activation of prothrombin; investigation of the mode of human brain thromboplastin and of Russell viper venom; tr. by L. James Brown. (Sup 198) *Acta chirurgica scandinavica* '55 p37-9
- See also
Anticoagulants (medicine)

Corpuscles and platelets

- Maupin, Bernard. Les plaquettes sanguines de l'homme. Masson '54 incl bibliog
- Seip, Martin. Reticulocyte studies: the liberation of red blood corpuscles from the bone marrow into the peripheral blood and the production of erythrocytes elucidated by reticulocyte investigations; tr. by Katrine Christie. Tanum '53 p 149-64
- See also
Erythrocytes
Lymphocytes

Diseases

- Allen, Fred Harold, and Diamond, Louis K. Erythroblastosis fetalis, including exchange transfusion technic. (New England journal of medicine. Medical progress ser) Little '58 p 121-4
- Baserga, Angelo, ed. Attualità in ematologia; con la collaborazione di O. Ariotti [et al] Abruzzini editore '55 incl bibliog
- Bergström, Ingmar, and Lindgren, Erik. Treatment of malignant blood diseases by radioactive phosphorus; tr. by Frederick A. L. Charlesworth. (Sup 150) *Acta radiologica* '57 2v v 1, p62-4; v2 p97-8
- Wintrobe, Maxwell Myer. Clinical hematology. 4th ed, thoroughly rev Lea '56 incl bibliog
- See also
Anemia
Erythremia
Hemophilia
Leucemia

BLOOD—Continued

Examination

Wintrobe, Maxwell Myer. Clinical hematology. 4th ed, thoroughly rev Lea '56 incl bibliog

Groups

See Blood groups

Lipides

Ramsey, H. A. and others. Effects of various diets on the diurnal patterns of blood plasma lipides of dairy calves. *J Dairy Sci* 37:1366-7 N '54

Plasma

Sjöström, Bo. Activity of prothrombin and proconvertin in plasma in diseases of the biliary tract; a clinical study; tr. from the Swedish by Marcia Skogh. (Sup223) *Acta chirurgica scandinavica* '57 p52-4

Südthof, Heinrich, and Kellner, Hellmut. Physiologie und klinische bedeutung kohlehydrathaltiger körperteile (mit und ohne eiweissanteil). (Bibliotheca paediatrica, no65) Karger '57 p93-104

Pressure

Bøe, Johannes, and others. Blood pressure in a population; blood pressure readings and height and weight determinations in the adult population of the city of Bergen. (Acta medica scandinavica, Sup32) A. S. John Griegs boktr. '56 p268-70

Borgström, Sven Adolf. Endocrine treatment of essential hypertension. (Sup290) *Acta medica scandinavica* '54 p69-70

Ekman, Carl Axel. Portal hypertension; diagnosis and surgical treatment; tr. by L. James Brown. (Sup222) *Acta chirurgica scandinavica* '57 p 133-43

Laroche, Claude. Comment traiter l'hypertension artérielle. Editions médicales Flammarion '55 p 137-41

Merck Sharp and Dohme. Ganglionic blockade in the management of hypertension. The firm '57 p42-8

Murrill, R. I. Racial blood pressure studies: a critique of methodology. *Am Philos Soc Proc* 99:318-24 Ag '55

Schroeder, Henry Alfred. Mechanisms of hypertension, with a consideration of atherosclerosis. (Am. lecture ser, pub. no305) Thomas '57 p297-328

Uggla, Lars Gustaf. Pulmonary hypertension in tuberculosis of the lungs; a clinical study in advanced cases examined with cardiac catheterization and temporary unilateral occlusion of the pulmonary artery [tr. by Kay McVeigh] (*Acta tuberculosea scandinavica*, Sup41) Munksgaard '57 p 127-38

Wisconsin. University. Wisconsin pharmacists' institute. Hypertension and antihypertensive drugs. (Wis. pharmacy reprints, v 1) School of pharmacy; Extension div. '55 incl bibliog

See also

Carotid sinus

Proteins

Gras, Jorge. Proteínas plasmáticas; fisicoquímica, metabolismo, fisiopatología, y clínica de las proteínas extracelulares. Editorial Jims '56 incl bibliog

Knight, P. F. and Schechtman, A. M. Passage of heterologous serum proteins from the circulation into the ovum of the fowl. *J Exp Zool* 127:301-4 N '54

Kraut, N. Electrophoretic study of sera from rats artificially infected with and immunized against the larval cestode *Cysticercus fasciolaris*. *J Parasitol* 42:120-1 Ap '56

Mack, Harold C. Plasma proteins in pregnancy, a clinical interpretation; foreword by Nicholson J. Eastman. (Am. lecture ser, pub. no252) Thomas '55 p 111-18

Odenthal, H. Entzündung und bluteiweisskörper; mit einem geleitwort von F. Grosse-Brockhoff. Thieme '58 p 104-15

Pillemer, L. Nature of the properdin system and its interactions with polysaccharide complexes. *N Y Acad Sci Ann* 66 no2: 242-3 '56

Serum

See Serum

Sugar

Thompson, M. M. and Mayer, J. Hypoglycemic effects of saccharin in experimental animals. *Am J Clin Nutrition* 7:84-5 Ja '59

Transfusion

Hejhal, Libor, and Firt, Pavel. Otázky léčení prudkého krvácení. *Československá akad. věd. Sekce biologická. Práce*, v8] *Nakl. Československé akad. věd.* '54 p270-85

Hollender, Louis, and Berner, André. La transfusion intra-artérielle; préf. du prof. A. G. Weiss. Masson '55 p 149-60

Mollison, Patrick Loudon. Blood transfusion in clinical medicine; with a foreword by Alan N. Drury. 2d ed Thomas '56 p520-69

Nordlander, Olof, and others. Changes in total hemoglobin and blood volume in surgical cases treated with blood transfusions and with dextran solutions [tr. by Stanley H. Vernon] (Sup 196) *Acta chirurgica scandinavica* '54 p46-8

Wildegans, Hans, and Guderley, Herbert. Blutstillung, blutersatz und bluttransfusion. (Chirurgie in einzeldarstellungen, v61) De Gruyter '55 p 146-57

Vitamin content

Morley, N. H. and Storvick, C. A. Oxidized pyridine nucleotides in various fractions of the blood and niacin and tryptophan metabolites in the urine of women on a controlled adequate dietary. *J Nutrition* 63:552-4 D '57

Rousseau, J. E. and others. Relationship between plasma vitamin A and liver vitamin A in calves fed a vitamin A depletion ration and calves fed minimum levels of vitamin A or carotene. *J Dairy Sci* 37:1381-2 N '54

Rousseau, J. E. and others. Relationships between plasma, liver and dietary tocopherol in calves, lambs and pigs. *J Animal Sci* 16:621-2 Ag '57

Smith, Q. T. and Allen, R. S. B-vitamin levels in the blood of young dairy calves fed a milk replacement diet with and without aureomycin. *J Dairy Sci* 37:1196-7 O '54

Thompson, E. M. and others. Effect of high environmental temperature on basal metabolism and serum ascorbic acid concentration of women. *J Nutrition* 68:46-7 My '59

BLOOD cells. See Blood—Corpuscles and platelets

BLOOD groups

Briles, W. E. and others. B blood group system of chickens. *Genetics* 42:647-8 S '57

Das, S. R. Inheritance of the P.T.C. taste character in man: an analysis of 126 Rāhi Brāhmin families of West Bengal. *Ann Human Genetics* 22:212 My '58

Henningsen, Klavs. Om blodtypesystemet P. Dansk videnskabsforlag '52 incl bibliog

Kraus, B. S. and White, C. B. Micro-evolution in a human population: a study of social endogamy and blood type distributions among the western Apache. *Am Anthropol* 58: 1041-3 D '56

Matsunaga, E. and Itoh, S. Blood groups and fraternity in a Japanese population, with special reference to intra-uterine selection due to maternal-foetal incompatibility. *Ann Hum Genet* 22:130-1 F '58

Mollison, Patrick Loudon. Blood transfusion in clinical medicine; with a foreword by Alan N. Drury. 2d ed Thomas '56 p520-69

Rasch, Ludwig Hubert. Lehrbuch der blutgruppenkunde; allgemeine und spezielle serologie der blutkörperchenmerkmale und ihrer anwendungsgebiete. De Gruyter '54 p379-413

Rendel, J. Further studies on some antigenic characters of sheep blood determined by epistatic action of genes. *Acta Ag Scand* 7 no2:258-9 '57

Rendel, J. Studies of cattle blood groups. *Acta Ag Scand* 8 no 1:61; no2:160-1, 189-90; no3:214-15 '58

BLOOD plasma. See Blood—Plasma

BLOOD vessels

Lundgren, Nils. Studies on the vasculature of the corpus of the human uterus [tr. by L. James Brown] (V36, Sup 4) *Acta obstetrica et gynecologica scandinavica* '57 p 109-14

See also

Bones—Blood vessels
Brain—Blood vessels

BLOOD vessels—Continued**Diseases**

- Pässler, Hans Wolfgang, and Berghaus, Horst. Begutachtung peripherer durchblutungsstörungen. (Arbeit und Gesundheit, new ser. no66) Thieme '58 incl bibliog
- Samuels, Saul Simon, ed. Diagnosis and treatment of vascular disorders (angiology) Williams '56 incl bibliog
- Starr, Isaac. Physiologic therapy for obstructive vascular disease. (Modern medical monographs, 6) Grune '53 p33-6

Diagnosis

See also
Angiocardiography

Surgery

- Glasser, Samuel Thomas. Principles of peripheral vascular surgery. Davis '59 incl bibliog

BLOOD volume

- Bohr, Hans H. Bestemmelse af blodvolumenet med radioaktivt fosfat, specielt med henblik på anvendelse i klinikken; with an English summary. Schultz '54 p 141-50

- Wiklander, Olle. Blood volume determinations in surgical practice; a comparative analysis of the Evans blue dye method, the radioactive phosphorus method and the alveolar CO method, with special reference to determinations under pre- and postoperative conditions; tr. from the Swedish by Erica Odelberg. (Sup208) Acta chirurgica scandinavica '56 p 113-23

BLOSSOMING of plants. See Plants. Flowering of**BLOWERS**

- Stepanoff, Alexey Joakim. Turboblowers; theory, design, and application of centrifugal and axial flow compressors and fans. Wiley '55 incl bibliog

BLOWFLIES

- Cragg, J. B. Natural history of sheep blowflies in Britain. Ann Ap Biol 42:206-7 F '55
- Kamal, A. S. Comparative study of thirteen species of sarcosaprophagous calliphoridae and sarcophagidae (diptera). Entom Soc Am Ann 51:270-1; 52:172-3 My '58, Mr '59

BLUEBERRIES**Diseases and pests**

- Pelletier, E. Neil, and Hilborn, Merle Tyson. Blossom and twig blight of low-bush blueberries. (Bul. 529) Me. agricultural experiment station, Univ. of Me. '54 p25-7

BLUESTONE, E. Michael, 1891-

- Fox, Joseph. Chronically ill. Philosophical lib. '57 p203-5

BLUETONGUE in sheep

- Cox, H. R. Bluetongue. Bact R 18::251-3 D '54

BLUNDEN, Edmund Charles, 1896-

- Hardie, Alec M. Edmund Blunden. (Bibliog. ser. of sups. to British bk. news, no30) Longmans '58 p39-43

BOARD games

See also

Chess

BOARDS of education. See School boards**BOAT building**

- Verney, Michael. Complete amateur boat building in wood, glass fibre, and metal; foreword by Maurice Griffiths. Macmillan '59 p301-2

BOATS, Submarine. See Submarine boats**BOATS and boating**

- Hillman, H. F. Woods for small boat construction. Int Ship Prog 3 no 26:557-9 '56
- Sources of fitting out information. Yachting 103:92+ Ap '58

See also

Boat building
Steamboats

BOCALINI, Trajano, 1556-1613

- Firpo, Luigi. I Ragguagli di Parnaso di Trajano Boccalini; bibliog. delle edizioni italiane. (Biblioteca degli eruditi e dei bibliofili; scritti di bibliog. et di erudizione, 12) Sansoni '56 38p

BODEL, Jean, 12th cent

- Vincent, Patrick R. Jeu de saint Nicolas of Jean Bodel of Arras; a literary analysis. (Johns Hopkins studies in Romance literatures and languages, v49) Johns Hopkins press '54 p 105-8

- BODENHEIMER, Friedrich Simon, 1897-
Bodenheimer, Friedrich Simon. Studies in biology and its history. Biological studies '57 p 119-45

BODY, Human. See Anatomy, Human**BODY fluids**

- Bild, C. E. Fluid therapy in the dog. Am Vet Med Assn J 131:101 J1 15 '57
- Bland, John Hardesty. Clinical recognition and management of disturbances of body fluids. 2d ed Saunders '56 incl bibliog
- Elkinton, J. Russell, and Danowski, T. S. Body fluids; basic physiology and practical therapeutics. Williams '55 incl bibliog
- Minz, Bruno. Role of humoral agents in nervous activity. (Am. lecture ser. pub. no240) Thomas '55 incl bibliog
- Murphy, Quillian R. ed. Metabolic aspects of transport across cell membranes. Univ. of Wis. press '57 incl bibliog
- Statland, Harry. Fluid and electrolytes in practice. Lippincott '54 p 183-95
- Strauss, Maurice Benjamin. Body water in man; the acquisition and maintenance of the body fluids. Little '57 p243-80
- Wilson, H. A. and Dorsey, C. K. Studies on the composition and microbiology of insect spittle. Entom Soc Am Ann 50:406 J1 '57

See also

Fluid therapy

BODY temperature

- Morrison, P. and Ryser, F. A. Body temperature in the white-footed mouse, *Peromyscus leucopus noveboracensis*. Physiol Zool 32:102-3 Ap '59
- National research council. Division of medical sciences. Physiology of induced hyperthermia; proceedings of a symposium, 28-29 Oct. 1955; Robert D. Dripps, chairman and editor. (Pub. 451) The council '56 incl bibliog
- Plutchik, R. Psychophysiology of skin temperature: a critical review. J Gen Psychol 55:265-8 O '56
- Scholander, P. F. Evolution of climatic adaptation in homeotherms. Evolution 9:24-6 Mr '55
- Smith, A. U. Resistance of animals to cooling and freezing. Cambridge Philos Soc Biol R 33:237-50 My '59
- Wrenn, T. R. and others. Body temperature variations in dairy cattle during the estrous cycle and pregnancy. J Dairy Sci 41:1075-6 Ag '58

BOGS

See also

Peat bogs

BOHEMIA**History**

- Thomson, Samuel Harrison. Czechoslovakia in European history. 2d ed enl Princeton univ. press '53 p451-67

BOHEMIAN literature. See Czech literature**BÖHME, Jakob, 1575-1624**

- Buddecke, Werner. Die Jakob Böhmeausgaben; ein beschreibendes verzeichnis; pt2, Die übersetzungen. (Göttingen. Staats- und universitätsbibliothek. Arbeiten. Hainbergsschriften, new ser. v2) Hantzschel '57 268p

- Grunsky, Hans. Jakob Böhme. (Frommanns klassiker der philosophie, 34) Frommann '56 p308-18

BOILERS

- Anderson, D. R. and Manlik, F. P. Sulfuric acid corrosion in oil-fired boilers; studies on sulfur trioxide formation. Am Soc Mech Eng Trans 80:1236-7 Ag '58

- Jarvis, W. D. Selection and use of additives in oil-fired boilers. Inst Fuel J 31:490 N '58

See also

Feed water purification

Firing

See also

Flue gas

BOLÍVAR, Simón, 1783-1830

- Academia nacional de la historia, Caracas. Biblioteca. Catálogos de las bibliotecas bolivarianas y miradina de la misma institución; trabajos efectuados por Erasmo Colina [and others] Impr. nacional '57 146p

- Cuevas Cancino, Francisco M. Bolívar, el ideal panamericano del libertador. (Colección Tierra firme, 50) Fondo de cultura económica '51 p313-22

BOLIVIA

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Ecuador. Peru. Bolivien; stand: Oktober 1957. (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abt. no 14) The library '58 119p

History

Arnade, Charles Wolfgang. Emergence of the Republic of Bolivia. Univ. of Fla. press '57 p247-62 annot

Bogotá. Biblioteca nacional. Primera exposición bibliográfica bolivariana con ocasión de cumplirse el 143°. aniversario de la independencia de Venezuela. Editorial Minerva '54 240p

BOLLWORMS, Pink

Brazzel, J. R. and Martin, Dial F. Resistance of cotton to pink bollworm damage. (Bul. 843) Tex. agricultural experiment station '56 p20

Common, I. F. B. Revision of the pink bollworms of cotton (Pectinophora Busck (Lepidoptera: gelechiidae) and related genera in Australia. Australian J Zool 6: 305 D '58

BOLT, Richard Arthur, 1880-

Bolt, Richard Arthur. Publications and addresses, incl. editorials and radio script, 1900-1955. School of public health, Univ. of Calif. '55 72p

BOLTS and nuts

Ruble, E. J. Rivet and bolt council research. Am Soc Civil Eng Proc 85 (IST3 no 1969): 4-6 Mr '59

BOLZANO, Bernard, 1781-1848

Bolzano, Bernard. Der böhmische Vormärz in briefen von B. Bolzano an F. Pfihonský, 1824-1848; beiträge zur deutsch-slawischen wechselseitigkeit (von E. Winter. (Akad. der wissenschaften, Berlin. Inst. für slawistik. Veröffentlichungen, no 11) Akademie-verlag '56 p303-6

BOMBAY (province)**Government publications**

Bombay (province) India. Catalogue of government publications (corrected up to 30th June 1956) Gov. central press '57 68p

BOMBING, Aerial

United States. Air university. Libraries. HE bombs and bombing; sel. references in AU library. (Special bibliog. no 117) The libraries '56 14p

BOMBS

United States. Air university. Libraries. HE bombs and bombing; sel. references in AU library. (Special bibliog. no 117) The libraries '56 14p

BONACKER, Wilhelm, 1888-

Horn, W. Wilhelm Bonacker 70 jahre. Petermanns Geog Mitt 102 no 1:69 '58

BONAMPAK, Mexico

Ruppert, Karl, and others. Bonampak, Chiapas, Mexico. Copies of the mural paintings by Antonio Tejeda F. Identification of pigments in the mural paintings by Rutherford J. Gettens. (Pub. 602) Carnegie inst. of Washington '55 p69-71

BONAPARTE, Charles Joseph, 1851-1921

United States. Library of Congress. Manuscript division. Charles Joseph Bonaparte: a register of his papers in the Library of Congress. The library '58 20p

BONAPARTE, Jerome, king of Westphalia, 1784-1860

Mitchell, Samuel James. Family lawsuit; the story of Elisabeth Patterson and Jerome Bonaparte. Farrar, Straus '53 p 199-200

BONAVENTURA, Saint, cardinal, 1221-1274

Majchrzak, Colman Jerome. Brief history of Bonaventurianism. Franciscan pub. '57 p92-8

BONDED web. See Textile fabrics—Bonded web**BONDS**

See also
Convertible bonds

Stocks

BONDS, Chemical. See Chemical bonds**BONE**

Knese, Karl Heinrich. Knochenstruktur als verbundbau: versuch einer technischen deutung der materialstruktur des knochens. (Zwangslose abh. aus dem gebiet der normalen und pathologischen anatomie, no4) Thieme '53 p 49-53

BONE grafting

Blanke, Karl. Die spanplastik nach Phemister; theoretische grundlagen, indikation, technik und ergebnisse. (Hefte zur unfallkunde; beihefte zur Monatsschrift für unfallkunde und versicherungsmedizin, no53) Springer '56 p54-7

Holmstrand, Kai. Biophysical investigations of bone transplants and bone implants; an experimental study [tr. by Mima Holmstrand] (Acta orthopaedica scandinavica. Sup. no26) Munksgaard '57 p60-6

Lentz, Wolfgang. Die grundlagen der transplantation von fremdem knochenewebe; mit einem geleitwort von R. Wanke. G. Thieme '55 p91-105

BONES

Bourne, Geoffrey Howard, ed. Biochemistry and physiology of bone. Academic press '56 incl bibliog

Engström, Arne, and others. Bone and radiostrontium. Wiley '58 incl bibliog

Haggar, R. and others. Bone healing in lysine-deficient rats. J Nutrition 57:315-17 N '55

Stein, Irvin, and others. Living bone in health and disease. Lippincott '55 incl bibliog

United States. National library of medicine. Structure, composition, and growth of bone, 1930-1953; a bibliog. comp. by Marjory C. Spencer and Katherine Uhler. The library '55 190p

Williams, D. E. and others. Influence of mineral intake on bone density in humans and in rats. J Nutrition 61:504-5 Ap '57

See also

Fractures
Joints (anatomy)
Marrow
Pelvis
Skeleton

Blood vessels

Tilling, Gunnar. Vascular anatomy of long bones; a radiological and histological study [tr. from the Swedish by Marcia Skogh] (Sup 161) Acta radiologica '58 p 107

Diseases

Hauptli, Othmar. Die aseptischen chondro-osteonekrosen. (Chirurgie in einzeldarstellungen, v 18) W. de Gruyter '54 p 181-227

Sèze, Stanislas de, and Ryckewaert, Antoine. Maladies des os et des articulations. (Coll. médico-chirurgicale à révision annuelle) Editions médicales Flammarion '54 incl bibliog

Stein, Irvin, and others. Living bone in health and disease. Lippincott '55 incl bibliog

See also

Necrosis

Radiography

Omnell, Karl Åke. Quantitative roentgenologic studies on changes in mineral content of bone in vivo [tr. by L. James Brown] (Sup 148) Acta radiologica '57 p83-6

Tilling, Gunnar. Vascular anatomy of long bones; a radiological and histological study [tr. from the Swedish by Marcia Skogh] (Sup 161) Acta radiologica '58 p 107

Tumors

Jaffe, Henry Lewis. Tumors and tumorous conditions of the bones and joints. Lea '53 incl bibliog

Lichtenstein, Louis. Bone tumors. 2d ed Mosby '59 incl bibliog

BONHOEFFER, Dietrich, 1906-1945

Roth, G. In memoriam Dietrich Bonhoeffer, 4. Feb. 1906-9. Apr. 1945. Theol Literaturz 81: 247-54 Ap '56

BONILLA, Eugenio María de Hostos y. See Hostos y Bonilla, E. M. de**BONJOUR, Edgar, 1898-**

Bonjour, Edgar. Die Schweiz und Europa; ausgewählte reden und aufsätze von Edgar Bonjour zu seinem 60. geburtstag am 21. August 1958; hrsg. von freunden und schülern. Heibing & Lichtenhahn '58 p467-83

BONNARD, Pierre, 1867-1947

Ente manifestazioni milanesi. Pierre Bonnard [mostra] aprile-maggio. Palazzo della permanente. Milano, 1955 [catalogo a cura di Franco Russoli] Silvana '55 p74-8

BOOK automobiles. See Bookmobiles**BOOK buying (library science). See Book selection**

BOOK clubs

Lee, Charles. Hidden public; the story of the Book-of-the-month club. Doubleday '58 p232-6

BOOK collecting

Collison, Robert Lewis Wright. Book collecting; an intro. to modern methods of literary and bibliog. detection; with a foreword by Andrew H. Horn. Essential bks. p 189-93 annot

Mackanness, George. Art of book-collecting in Australia. ltd ed Angus '56 185p

BOOK industries and trade

Barker, R. E. Books for all; a study of int. bk. trade. UNESCO '56 p96-8
Biblioteklitteratur, 1954[-1957] Bibl Forsk Arbok 4:126-48; 5:114-28; 6:128-43; 7:106-19 '55-'58

Books about bookmaking. See occasional numbers of Publisher's weekly

Dahl, Svend, ed. Nordisk handbøg i biblioteksskabs; udgivet af Nordisk videnskabeligt bibliotekarforbund. Hassings '57-'58 2v incl bibliog

Foxon, David. Technique of bibliography. (Book no6) Nat. bk. league '55 20p annot

Hampden, John, ed. Book world today; a new survey of the making and distribution of bks. in Britain; with an intro. by Sir Stanley Unwin [sel. bibliog. by Anne Petrides] Allen '57 p253-67 annot

Laursen, Johannes Lehm. Dansk litteratur om bogvæsen; en bibliografi. Dansk bibliografisk kontor '55 192p

National book league, London. Library. Books about books; catalogue of the library. 5th ed rev & enl Cambridge '55 126p

Neue bücher und aufsätze zum bibliotheks- und buchwesen. See numbers of Zentralblatt für bibliothekswesen

Rjukan, Norway. Offentlige bibliotek. Bokproduksjon, bibliografia og bibliotekvesen i Rjukan off. bibliotek. The library '53 59p

See also

Bookbinding

Booksellers and bookselling

Paper making and trade

Printing

Publishers and publishing

Germany

Reuter, W. Zur wirtschafts- und sozialgeschichte des buchdruckgewerbes im Rheinland bis 1800 (Köln-Bonn-Düsseldorf) Archiv Gesch Buchw 1 no9:734-6 '58

Mexico

Pefalosa, Fernando. Mexican book industry. Scarecrow '57 p260-82

BOOK rarities. See Bibliography—Rare books**BOOK selection**

Carter, Mary Duncan, and Bonk, Wallace John. Building library collections. Scarecrow '59 p 137-76

BOOK trade. See Book industries and trade; Booksellers and bookselling; Publishers and publishing**BOOKBINDING**

Clough, Eric Allen. Bookbinding for librarians. Assn. of assistant librarians '57 p 196-200

Kyriss, Ernest. Studies in the history of bookbinding; a bibliog. of bks. and articles. (Occasional contributions, no72) Univ. of Ky. libs. '55 5p

Fiction

Ellis, E. F. Bookbinder in fiction. Bul Bibliog 22:17-18 S '56 annot

History

Gratzl, E. and others. Bibliographie der islamischen einbandkunst, 1871 bis 1956. Ars Orient 2:520-40 '57

BOOKKEEPING

Eldridge, Herbert James. Evolution of the science of bookkeeping. 2d ed. rev. by Leonard Frankland. Gee '54 70p

See also

Accounting

Depreciation

Study and teaching

Pennsylvania. Department of public instruction. Bookkeeping for business education departments in Pennsylvania's public schools. (Bul. 273) The department '58 p43-5

Satlow, I. D. Current thought on teaching bookkeeping. J Bsns Educ 29:28-31; 30:22-5, 80-4; 31:78-81; 32:173-7; 33:14-17; 35:72-4 O '53, O-N '54, N '55, Ja. O '57, N '59

BOOKMOBILES

Bookmobiles and bookmobile service; a list of recent materials available in the Calif. state library. News Notes Calif Lib 48:256-7 Ja '53 annot

Bookmobiles and bookmobile service. News Notes Calif Lib 50:557-60 O '55 annot

BOOKS

Books about bookmaking. See occasional numbers of Publishers' weekly

Finó, Frédéric J. Elementos de bibliologia; versão do espanhol de Sívlio do Valle Amaral. Serviço de documentação do MTIC '55 p315-16

Lehmann-Haupt, Hellmut. Life of the book; how the bk. is written, pub, ptd, sold and read. Abelard-Schuman '57 p227-30

Powell, Lawrence Clark. Libraries and learning; outline and bibliog. for English 195, an upper div. course intended to introduce students to the role of libs. in ptg, pub, bookselling, bookcollecting, and reading. (UCLA lib. occasional papers, no5) Univ. of Calif. lib. '56 19p

—Same, 2d ed rev (UCLA lib. occasional papers, no5) Univ. of Calif. '58 20p annot

Williamson, Hugh Albert Fordyce. Methods of book design; the practice of an industrial craft. Oxford '56 incl bibliog annot

See also

Bibliography

Classification—Books

Illumination of books and manuscripts

Illustration of books

Libraries

Literature

Manuscripts

Printing

Conservation and restoration

Cockerell, Sydney Morris. Repairing of books. Sheppard press '58 p 105-6

Gallo, F. Gli agenti biologici nemici delle biblioteche e degli archivi. Ist Patologia Libro Boll 16:193-9 Ji '57

Langwell, William Herbert. Conservation of books and documents; with a foreword by G. Barraclough. Pitman '57 p 104

See also

Books—Disinfection

Disinfection

Bravi, Lamberto. Disinfezione dei libri e igiene bibliotecaria; disinfezione delle biblioteche; pref. di A. Lodolini; 4. ed. accresciuta riv. ed aggiornata con una appendice. Scarano '53 p 115-31

History

Dahl, Svend. History of the book. Scarecrow '58 p269-79

Febvre, Lucien Paul Victor, and Martin, Henri Jean. L'apparition du livre; avec le concours de Anne Basanoff [et all (L'Evolution de l'humanité, synthèse collective, 49, 2d sec) Eds. A. Michel '58 p497-528

Johnson, Elmer Douglas. Communication; a concise intro. to the history of the alphabet, writing, printing, bks, and libraries. Scarecrow '55 incl bibliog

Preservation

See Books—Conservation and restoration

Selection

See Book selection

BOOKS, Illustrated. See Illustrated books

BOOKS, Prohibited. See Prohibited books

BOOKS, Talking. See Talking books

BOOKS, Unfinished. See Unfinished books

BOOKS and reading

Altick, Richard Daniel. English common reader; a social history of the mass reading public, 1800-1900. Cambridge '57 p399-409

Cleary, Florence Damon. Blueprints for better reading; school program for promoting skill and interest in reading. Wilson '57 incl bibliog

Hobson, C. S. and Haugh, O. M. Materials for the retarded reader. Univ Kan Bul Educ 8:28-9 N '53

Outlook tower. See numbers of Horn book

BOOKS and reading—*Continued*

Porterfield, Austin Larimore. *Mirror, mirror; on seeing yourself in books*. Leo Potishman foundation '57 p 169-272 annot
 Spache, George Daniel. *Good reading for poor readers*. Garrard '58 168p annot

See also

Best sellers
 Children's literature
 Libraries
 Literature
 Prohibited books
 Reference books

Best books

Annual survey of new books for Catholic libraries, issued between July 1, 1957 and June 30, 1958[July 1, 1958 and June 30, 1959] *Cath Lib World* 29:105-25; 30:356-80 N '57, Mr '59 annot

Barzel, Candidus, ed. *Die deutsche sprache von der sprachlehre zum lesestoff; eine bibliographie; lesestoffe (deutsche und ausländische autoren) sachlesestoffe, sprachbücher, lesebücher, anthologien, sammlungen, hilfsmittel für die unterrichtliche behandlung; für volks-, mittel- und ober-schulen; mit einem geleitwort von Leo Weisgerber. (Schriftenreihe Schule und buch, v2) Deutsches buch-kontor '55 447p*

Berggren, Kerstin. *Tid att läsa; goda böcker för äldre. (Bokurval, 13) Bibliotekstjänst Lund '58 30p annot*

Book selection guide. See numbers of Ontario library review annot

Books we like; a reading list of bks. endorsed and annot. by high school students. (Ill. English bul. v42, no5) Ill. assn. of teachers of English '55 84p annot

Canadian library association. Young people's section. Committee on Canadian books. *Canadian books, 1957[-1958] a sel. of bks. for young people's libraries. (Occasional paper, no 16, 21) The association '58-'59 2v annot*

Classified booklist. See numbers of Library review

Classified books. See numbers of Booklist annot

Hoffman, Hester Rosalyn Jacoby. *Bookman's manual; a guide to literature. 8th ed rev & enl Bowker '57 987p annot*

Idaho. State library, Boise. *Buying list of books for small Idaho libraries; sels. from 1954-1958 sources. The library '58 vp*

Interesting adult books of 1954[-1958] for young people. Bklist 51:321; 52:316; 53:362; 54:419; 55:373 Ap 1 '55, Ap 1 '56, Mr 1 '57, Mr 15 '58, Mr 1 '59 annot

—Same. 1957[-1958] ALA Bul 52:194-5; 53:210-12 Mr '58, Mr '59 annot

—Same. 1956[-1958] Top News 13:25-6; 14:48-50; 15:11-13 Mr '57, Mr '58, Mr '59 annot
 International P. E. N. bulletin of selected books. P. E. N. See numbers

Markey, Lois R. *Books are vacations! a Horn book reading list. Horn bk. '56 32p*

Mind-stretching reading for executives. Lib J 80:2433 N 1 '55

New books appraised. See numbers of Library journal

New books for youth. See numbers of Ontario library review annot

New fall books for young adults, 1955[-1959] Lib J 80:2291+; 81:2378-81+; 82:2665-74; 83:2965-75; 84:3279-88 O 15 '55, O 15 '56, O 15 '57, O 15 '58, O 15 '59 annot

New York (city). Board of education. Division of curriculum development. *Reading grades 7, 8, 9; a teacher's guide to curriculum planning. (Curriculum bul. 1957-58 ser, no 11) The board '59 p222-53 annot*

Notable books of 1955[-1958] ALA Bul 50:109-10, 51:98-100+; 52:187+; 53:205-8 F '56, F '57, Mr '58, Mr '59 annot

—Same. Bklist 52:218; 53:267; 54:389; 55:358-4 F 1 '56, F 1 '57, Mr 1 '58, Mr 1 '59

—Same. Lib J 81:332-3; 82:318-19; 83:814-16; 84:816-18 F 1 '56, F 1 '57, Mr 15 '58, Mr 15 '59 annot

—Same. NEA J 45:254-5; 46:287; 47:256-7; 48:6-7 Ap '56, Ap '57, Ap '58, Ap '58, Ap '59 annot

Occidente (Mexico). *Los libros fundamentales de nuestra época, encuesta realizada por Agustín Yáñez. Eds. Et Cetera '57 43p*

Readers' choice of best books. See numbers of Wilson library bulletin thru June 1957

Ribadeneira, Carlos A. *Gufa moral de lecturas; 50.000 obras de los principales autores del mundo juzgadas a la luz de la fe y de la moral y recopilados sintéticamente. Buena prensa '55 399p*

Standard catalog for high school libraries; a sel. catalog of 3,585 bks; ed. by Dorothy Herbert West and Marion L. McConnell. 7th ed (Standard catalog ser) Wilson '57 948p annot

—Same and Catholic supplement, 1957 ed; sel. by a com. of the Catholic lib. assn. Helen L. Butler, chairman, under the auspices of Marywood college, Scranton, Pennsylvania. 7th ed (Standard catalog ser) Wilson '57 1123p

—1958[-1959] sup. to the 7th ed. 1957. (Standard catalog ser) Wilson '58-'59 2v annot

—Same with Catholic sup. 1958[-1959] (Standard catalog ser) Wilson '58-'59 2v annot

Standard catalog for public libraries; a classified & annot. list of 7,610 non-fiction bks, recommended for public & college libs, with a full analytical index; comp. by Dorothy Herbert West (and) Estelle A. Fidell. 4th ed, 1958. (Standard catalog ser) Wilson '59 1349p

Syracuse. Public library. *Gold star list of American fiction 41st[-44th] ed The library '56-'59 4v*

Terry, H. and Bloss, M. *Milwaukee's significant books experiment. Wilson Lib Bul 33:350-4 Ja '59 annot*

Trinity college, Hartford. *Books for a college student's reading; the Trinity college booklist, by Harry Todd Costello. 5th ed, largely rewritten The college '58 133p annot*

United States. Information agency. *Exhibit of outstanding books from America. The agency '53 111p*

United States quarterly book review. Rutgers univ. press. See numbers thru June 1956

Walker, Elinor. *Book bait; detailed notes on adult bks. popular with young people. A.L.A. '57 88p annot*

Weyergans, Franz. *La bibliothèque idéale; avec la collaboration de l'Institut supérieur de philosophie de Louvain [et al] 3d rev ed. Ed. universitaires '57 274p*

Readability

Chall, Jeanne Sternlicht. *Readability; an appraisal of research and application. (Monographs, no34) Bur. of educational research, Ohio state univ. '58 p 175-90*

National society for the study of education. *Adult reading; prepared by the Yearbk. com; ed. by Nelson B. Henry. (Yearbk. 55, pt2) The society '56 p244-50*

BOOKS, illustrated. See Illustrated books

BOOKS for children. See Children's literature

BOOKS for the blind. See Blind, Books for the

BOOKSELLERS and bookselling

Mumby, Frank Arthur. *Publishing and book-selling; a history from the earliest times to the present day; with a bibliog. by W. H. Peet. rev ed Cape '54 p371-412*

—Same [biblog. by William Peet, brought up to date by F. A. Mumby] 4th ed Cape '56 p373-415

See also

Serial publication of books

BOPP, Léon, 1896-
 Duckworth, Colin. *Study of Léon Bopp, the novelist and the philosopher. Droz '55 p263-81*

BOPP, Linus, 1887-
 Deuringer, Karl. *Tua tibi. Bibliographie Linus Bopp zur vollendung seines 70. lebensjahres (1. januar 1957) dargebracht von der Theologischen fakultät der Universität Freiburg i. Br. Mors '57 32p*

BORATES

Muessig, S. *Primary borates in playa deposits: minerals of high hydration. Econ Geol 54:500-1 My '59*

BORDEAUX

History

Bécamps, Pierre. J. B. M. Lacombe, président de la Commission militaire; la révolution à Bordeaux, 1789-1794. Editions Bière '53 p9-19

BOREL, Petrus, 1809-1859

Starkie, Enid. *Petrus Borel, the lycanthrope: his life and times. Faber '54 p214-16*

BORERS (insects)

Barter, G. W. Studies of the bronze birch borer, *agrilus anxius* Gory, in New Brunswick. *Can Entom* 89:36 Ja '57

See also

European corn borers

BORGATTA, Gino, 1888-1949

Istituto di cultura bancaria, Milan. Studi in memoria di Gino Borgatta. Arti S.P.A., grafiche '53 2v v2, p353-63

BORNEMISZA, Stephen Thyssen-. See Thyssen-Bornemisza, S.**BORNEO**

Chicago. University. HRAF-British Borneo research project. Bibliography of British Borneo. (Behavior science bibliogs) Human relations area files '56 23p

Helbig, K. M. Die insel Borneo in forschung und schrifttum. Geog Gesell Hamburg Mitt 52:105-395 '55

Irwin, Graham. Nineteenth-century Borneo; a study in diplomatic rivalry. (Inst. voor taal-, land- en volkenkunde. Verhandelinge, v 15) Nijhof '55 p221-42

Kaplan, Irving, and others, eds. Area handbook on British Borneo. prelim ed (Pre-pub. monograph. HRAF-14) Human relations area files '55 p430-43

Antiquities

Solheim, W. G. Borneo. *Asian Perspect* 1:97-100 Summer '57

BORNHOLM

Nielsen, Richard, and Sørensen, Thorwald, eds. Bogen om Bornholm. Danskerens forlag '57 p605-48

BORON

American potash institute. Library. List of references to boron literature. The library See numbers

Carpenter, R. A. Recent advances in boron technology. *ARS J* 29:13-14 Ja '59

Murphy, Nelson Francis, and others. Electrochemical preparation of boron. (Bull. no 115) Va. Engineering experiment station '57 p 17-18

See also

Plants. Effect of boron on

BORON compounds

Lappert, M. F. Organic compounds of boron. *Chem R* 56:1056-64 O '56

BORON steel. See Steel—Boron content**BOROVSKÝ, Karel, pseud. See Havlíček, K.****BORRASSA, Luis, d 1426**

Gudiol i Ricart, Josep. Borrassa. *Inst. amattler de arte hispánico* '53 p 157-8

BORROW, George Henry, 1803-1881

Fréchet, René. George Borrow (1803-1881) vagabond, polyglotte, agent biblique, écrivain. (Coll. des Etudes anglaises) Didier '56 p349-65

BORTS. See Diamonds, Industrial**BOSCH, Hieronymus (Hieronymus van Aeken) 1450?-1516**

Bosch, Hieronymus van Aken. Bosch; a cura di Gillo Dolfes. (Biblioteca moderna Mondadori, 360) Mondadori '53 p 182-3

BOSCO, Giovanni, Saint, 1815-1888

Braido, Pietro. Il sistema preventivo di don Bosco; pref. di Eugenio Ceria. (Pubblicazioni, 1) Istituto superiore di pedagogia. Ponteficio ateneo salesiano '55 p 15-23

BOSNIA and Herzegovina

Sarajevo. Narodna biblioteka NR Bosne i Hercegovine. Bosansko-hercegovačka bibliografija knjiga i brošura, 1945-1951; sastavio Đorđe Pejanović. Svjetlost '53 271p

Traljić, Seid M. Prilog bibliografiji bosansko-hercegovačke stampe. The author '52 60-80p

History

Lopac, Matija. Bibliografski podaci o historijskim rodovima o Bosni i Hercegovini; nastavak. The author '55 218-260p

BOSTON

Doherty, Richard M. Political and economic problems of the Boston metropolitan area: an annot. bibliography. (Pub. no 1) Seminar research bur. Boston college '53 76p

BOSWELL, James, 1740-1795

Collins, Philip Arthur William. James Boswell. (Bibliog. ser. of sups. to British bk. news, no77) Longmans '56 p38-48

BOTANICAL chemistry

Miller, Erston Vinton. Chemistry of plants. Reinhold '57 incl bibliog

Thompson, J. F. and others. Partition chromatography and its use in the plant sciences. *Bot R* 25:229-63 Ja '59

See also

Auxins

Bacteria—Chemical composition

Cellulose

Enzymes, Plant

Leaves—Chemical composition

Photosynthesis

Synthesis (botany)

BOTANICAL illustration

Deckert, H. Das blumenbuch der Maria Sibylla Merian. *Zentr Bibl* 71:367-70 S '57 annot

BOTANICAL research

Becking, R. W. Zürich-Montpellier school of phytosociology. *Bot R* 23:476-88 J1 '57

Went, Frits Warmolt, and others. Experimental control of plant growth; with special reference to the Earhart plant research laboratory at Calif. inst. of technology. (Chronica botanica, v 17) Chronica botanica co. '57 p329-36

BOTANY

Agricultural index; subject index to a sel. list of agricultural periodicals, bks. and bulletins. Wilson. See numbers

Bibliografia brasileira de botânica, 1950/55 (V 1) Inst. brasileiro de bibliografia e documentação '57? 153p

Bibliography of the published writings of the staff and students, July 1, 1954-June 30, 1955[-July 1, 1958-June 30, 1959] Arnold Arbor J 36:428-30; 37:401-2; 38:401-3; 39:512-13; 40:434-6 O '55, O '56, O '57, O '58, O '59

Coulter, Merle Crowe. Story of the plant kingdom; rev. by Howard J. Dittmer. Univ. of Chicago press '59 p311-13

Index to American botanical literature. See numbers of Torrey botanical club. Bulletin

Rizzini, Carlos Toledo. Esboço de um guia da literatura botânica. Inst. brasileiro de bibliog. & documentação '57 81p annot

United States. Department of agriculture. Library. Bibliography of agriculture. The library. See numbers

See also

Alpine flora

Aquatic plants

Buds

Desert flora

Flowers

Fresh water flora

Fruit

Genes (botany)

Genetics (botany)

Grafting

Growth (plants)

Herbs

Hybridization (botany)

Intercellular spaces (botany)

Leaves

Marine flora

Mutation (botany)

Ontogeny (botany)

Paleobotany

Phylogeny (botany)

Poisonous plants

Pollen

Regeneration (botany)

Seeds

Shrubs

Synergism (botany)

Trees

Variation (botany)

Variation

Vegetables

Vegetation

Weeds

Woody plants

Anatomy

Bailey, Irving Widmer. Contributions to plant anatomy. (Chronica botanica, v 15, no 1/6) Chronica botanica co. '54 p243-8

Blaser, H. W. Morphology of the determinate thorn-shoots of gleditsia. *Am J Bot* 43:27-8 Ja '56

Blyth, Amélie Compton Burr. Origin of primary extraxylary stem fibers in dicotyledons. (Calif. Univ. Pubs. in botany, v30, no2) Univ. of Calif. press '58 p 179-83

Cutter, E. G. On a theory of phyllotaxis and histogenesis. *Cambridge Philos Soc Biol R* 34:257-8, 262-3 My '59

Dale, H. M. Developmental studies of elodea canadensis Michx. *Can J Bot* 35:23-4, 63-4 Ja '57

BOTANY—Anatomy—Continued

- Esau, K. Anatomical effects of barley yellow dwarf virus and maleic hydrazide on certain gramineae. *Hilgardia* 27 no 1:67-9 S '57
- Esau, K. Anatomist's view of virus diseases. *Am J Bot* 43:748 N '56
- Foster, A. S. Comparative morphology of the foliar sclereids in *boronella* Bail. *Arnold Arbor J* 36:196-7 Ap '55
- Gifford, E. M. Some anatomical and cytological responses of barley to maleic hydrazide. *Am J Bot* 43:78+ Ja '56
- Manner, R. Occurrence of plants with only one seminal root in rye and wheat and its consequence. *Acta Agr Scand* 7 no2:23-4 '57
- Marsden, M. P. F. and Bailey, I. W. Fourth type of nodal anatomy in dicotyledons illustrated by *clerodendron trichotomum* Thunb. *Arnold Arbor J* 36:47-50 Ja '55
- Marsden, M. P. F. and Steeves, T. A. On the primary vascular system and the nodal anatomy of *ephedra*. *Arnold Arbor J* 36:256-7 Ap '55
- Millington, W. F. and Fisk, E. L. Shoot development in *xanthum pennsylvanicum*. *Am J Bot* 43:664-5 N '56
- Popham, R. A. Zonation of primary and lateral root apices of *pisum sativum*. *Am J Bot* 42:272-3 Mr '55
- Rodriguez, Rafael Lucas. Systematic anatomical studies on myrrhindendron and other woody umbellales. (Calif. Univ. Pubs. in botany, v29, no2) Univ. of Calif. press '57 p280-32
- Rowley, J. R. Fine structure of the pollen wall in the commelinaceae. *Grana Palynologica* ns2 no 1:26-30 '59
- Sterling, C. Development of the seed coat of lima bean (*phaseolus lunatus* L.) *Torrey Bot Club Bul* 81:286-7 Jl '54
- Sterling, C. Embryogeny in the lima bean. *Torrey Bot Club Bul* 82:336-8 S '55
- Stern, W. L. and Brizicky, G. K. Comparative anatomy and taxonomy of heteropyxis. *Torrey Bot Club Bul* 85:122-3 Mr '58
- Von Maltzahn, K. E. Study of size differences in two strains of *cucurbita pepo* L. *Can J Bot* 35:830, 843 N '57
- Yarborough, J. A. *Arachis hypogaea*; the seedling, its epicotyl and foliar organs. *Am J Bot* 44:30 Ja '57
- See also
Botany—Morphology
Cambium
Dehiscence (botany)
Inflorescence
Leaves—Anatomy
Plant cells and tissues
Vascular bundles
Wood—Anatomy
- Classification
- Al-Aish, M. and Brown, W. V. Grass germination responses to isopropyl-phenyl carbamate and classification. *Am J Bot* 46:23 Ja '58
- Bhattacharya, S. C. and Dutta, S. Classification of citrus fruits of Assam. (Scientific monograph no20) Indian council of agricultural research '56 p 101-4
- Bowden, W. M. Cytotaxonomy of section *psammelymus* of the genus *elymus*. *Can J Bot* 35:992-3 N '57
- Bowden, W. M. Natural and artificial \times *elymordeum* hybrids. *Can J Bot* 36:122-3 Ja '58
- Brown, W. V. and others. Organization of the grass shoot apex and systematics. *Am J Bot* 44:594-5 Jl '57
- Bryan, V. S. Chromosomes and systematic position of the inoperculate mosses, *pleuridium* and *bruchia*. *Am J Bot* 43:467-8 Jl '56
- Core, Earl Lemley. Plant taxonomy. Prentice-Hall '55 incl bibliog
- Cronquist, A. Phylogeny and taxonomy of the compositae. *Am Midl Natur* 53:510-11 Ap '55
- Knaben, Gunvor. On the evolution of the radiculatum-group of the scapiflora papavers as studied in 70 and 56 chromosome species; pt A. Cytotaxonomical aspects. (*Opera botanica*, v2, no3) *Almqvist* '59 p72-4
- Kylin, Harald. Die gattungen der rhodophyceen. *Gleerup* '56 p593-641
- Lawton, E. Revision of the genus *lescurea* in Europe and North America. *Torrey Bot Club Bul* 84:352-5 S '57
- Löve, A. and Löve, D. Chromosomes and taxonomy of eastern North American polygonum. *Can J Bot* 34:520-1 Jl '56
- Reeder, J. R. Embryo in grass systematics. *Am J Bot* 44:768 N '57
- Rodriguez, Rafael Lucas. Systematic anatomical studies on myrrhindendron and other woody umbellales. (Calif. Univ. Pubs. in botany, v29, no2) Univ. of Calif. press '57 p280-32
- Sarkar, N. M. Cytotaxonomic studies on rumex section axillares. *Can J Bot* 36:993-6 N '58
- Sporne, K. R. Phylogenetic classification of the angiosperms. *Cambridge Philos Soc Biol R* 31:26-9 F '56
- Stanton, Thomas Ray. Oat identification and classification. (U.S. Dept. of agriculture. Technical bul. no 1100) U.S. Gov. ptg. office '55 p 193-201
- Stern, W. L. and Brizicky, G. K. Comparative anatomy and taxonomy of heteropyxis. *Torrey Bot Club Bul* 85:122-3 Mr '58
- Therman, E. Cytotaxonomy of the tribe polygonatae. *Am J Bot* 43:141-2 F '56
- Ecology
- Anthony, M. Ecology of the opuntiae in the Big Bend region of Texas. *Ecology* 35:347 Jl '54
- Becking, R. W. Zürich-Montpellier school of phytosociology. *Bot R* 23:476-88 Jl '57
- Blackman, G. E. and others. Physiological and ecological studies in the analysis of plant environment. *Ann Bot* 19:548; 23:63, 143-5 O '55, Ja '59
- Bliss, L. C. and Cantlon, J. E. Succession on river alluvium in northern Alaska. *Am Midl Nat* 58:468-9 O '57
- Bray, J. R. Study of mutual occurrence of plant species. *Ecology* 37:28 Ja '56
- Churchill, E. D. and Hanson, H. C. Concept of climax in arctic and alpine vegetation. *Bot R* 24:181-91 F '58
- Critchfield, William Burke. Geographic variation in *pinus contorta*. (Maria Moors Cabot foundation. Pub. no3) Harvard Univ. press '57 p 109-16
- Daubenmire, Rexford F. Plants and environment; a textbk. of plant autecology. 2d ed Wiley '59 p375-409
- Dyksterhuis, E. J. Ecological principles in range evaluation. *Bot R* 24:270-2 Ap '58
- Gessner, Fritz. *Hydrobotanik; die physiologischen grundlagen der pflanzenverbreitung im wasser; v 1, Energiehaushalt.* (Hochschulbücher für biologie, v3) Deutscher verlag der wissenschaften '55 p491-517
- Gimingham, C. H. and Birse, E. M. Ecological studies on growth-form in bryophytes. *J Ecol* 45:544-5, 732-3; 46:27, 42 Jl, N '57, Mr '58
- Greig-Smith, Peter. Quantitative plant ecology. Butterworth '57 p 183-91
- Hanson, H. C. Principles concerned in the formation and classification of communities. *Bot R* 24:117-25 F '58
- Harper, J. L. Biological flora of the British isles. *J Ecol* 45:339-42 Ap '57
- Hodge, W. H. Flora of Dominica, B.W.I. *Lloydia* 17:50-2 Mr '54
- Hopkins, B. Concept of minimal area. *J Ecol* 45:448-9 Jl '57
- Humphrey, R. R. Desert grassland; a history of vegetational change and an analysis of causes. *Bot R* 24:246-52 Ap '58
- Illinois. University. Physical environment unit. Controlled atmospheric environment in relation to people, animals and plants; a list of pubs. by staff members of the Univ. of Ill. and the State natural history survey division. The university '57 43p
- Jones, V. and Richards, P. W. *Saxifraga oppositifolia*. *J Ecol* 44:315-16 Ja '56
- Kershaw, K. A. Investigation of the structure of a grassland community. *J Ecol* 46:591-2; 47:52-3 N '58-Mr '59
- Knapp, Rüdiger. Experimentelle soziologie der höheren pflanzen; v 1, Einwirkung der pflanzen aufeinander. *Soziologie der keimung und des aufwachsenden bestandes.* Ullmer '54 p 176-202
- Lindeman, Jan Christiaan. Vegetation of the coastal region of Suriname. *Kemink* '53 p 130-5
- Mägdefrau, Karl. *Paläobiologie der pflanzen.* 3d enl & rev ed Fischer '56 incl bibliog
- Major, J. Plant ecology as a branch of botany. *Ecology* 39:361-3 Ap '58

BOTANY—Ecology—Continued

- Müller, Paul. Verbreitungsbologie der blütenpflanzen. (Geobotanisches inst. Rübel in Zürich. Veröffentlichungen, no 30) Huber '55 p 135-40
- Neal, Ernest Gordon. Woodland ecology. (Scholarship ser. in biology) Harvard univ. press '58 p 109-13
- Oosting, Henry John. Study of plant communities; an introd. to plant ecology. 2d ed Freeman '56 p 402-20
- Papadakis, Juan. Ecología de los cultivos; versión castellana del original inglés por Alberto Soriano. Ministerio de agricultura y ganadería '54 2v v 1, p 195-207; v 2, p 407-40
- Phillips, Edwin Allen. Methods of vegetation study. Holt '59 p 97-102
- Pohjakallio, O. and others. Analysis of earliness in the potato. Acta Ag Scand 7 no 4:387-8 '57
- Poore, M. E. D. Use of phytosociological methods in ecological investigations. J Ecol 43:244, 268-9 Ja '55
- Prescott, G. W. Guide to the literature on ecology and life histories of the algae. Bot R 22:198-240 Mr '56
- Rao, C. B. On the distribution of algae in a group of six small ponds. J Ecol 43:307-8 Ja '55
- Schmithüsen, Josef, and others. Forschungen in Chile. (Bonner geographische abh, no 17) Geographisches inst. Univ. Bonn '56 incl bibliog
- Stone, E. C. Dew as an ecological factor. Ecology 38:412-13, 422 Jl '57
- Sublette, J. E. Ecology of the macroscopic bottom fauna in Lake Texoma (Denison reservoir) Oklahoma and Texas. Am Midl Natur 57:400-2 Ap '57
- Tallis, J. H. Studies in the biology and ecology of rhamomitrium lanuginosum Brid. J Ecol 46:288 Jl '58
- United Nations educational, scientific and cultural organization. Plant ecology; reviews of research. Ecologie végétale; compte rendu de recherches. (Arid zone research 6) UNESCO '55 incl bibliog
- Weaver, John Ernest, and others. Grasslands of the Great Plains: their nature and use. Johnsen pub. co. '56 p 379-87
- Wissmann, H. von. Ursprungsherde und ausbreitungsweg von pflanzen- und tierzucht und ihre abhängigkeit von der klimaschichte. Erdkunde 11:189-93 Ag '57
- See also*
- Chalk downs
- Desert flora
- Desert vegetation
- Forest ecology
- Leaves—Anatomy
- Paleoecology
- Plant population
- Plants. Effect of climate on
- Prairies
- Seashore vegetation
- Soils and plant growth
- Vegetation

Embryology

- Bradley, M. V. and Crane, J. C. Effects of auxins on development of apricot seeds and seedlings. Am J Bot 44:174-5 F '57
- Guttenberg, Herman von. Embryologische und histogenetische untersuchungen an monokotyledonen; aus dem Botanischen inst. der Univ. Rostock. (Botanische studien, no 7) G. Fischer '57 incl bibliog
- Meyer, C. F. Cell patterns in early embryogeny of the McIntosh apple. Am J Bot 45:348-9 My '58
- Paliwal, R. L. Morphological and embryological studies in some santalaceae. Agra Univ J Res 5:279-84 Ja '56
- Reeder, J. R. Embryo in grass systematics. Am J Bot 44:768 N '57
- Sterling, C. Embryogeny in the lima bean. Torrey Bot Club Bul 82:336-8 S '55
- Sterling, C. Nucellus and endosperm in the seed of lima bean (phaseolus lunatus L.) Torrey Bot Club Bul 82:48-9 Ja '55
- Tiagi, B. Contribution to the embryology of striga orobanchoides Benth. and striga euphrasoides Benth. Torrey Bot Club Bul 83:169-70 Mr '56
- Weaver, J. B. Embryological studies following interspecific crosses in gossypium. Am J Bot 44:214; 45:15-16 Mr '57, Ja '58

See also

- Botany—Morphology
- Germination
- Morphogenesis (botany)
- Seeds

Geographical distribution

See Plants—Geographical distribution

Histology

See Botany—Anatomy; Plant cells and tissues

Histology

- Studhalter, R. A. and Glock, W. S. Tree growth; some historical chapters. Bot R 21:60-72, 175-88 Ja '55

Methodology

- Greig-Smith, Peter. Quantitative plant ecology. Butterworth '57 p 183-91
- Phillips, Edwin Allen. Methods of vegetation study. Holt '59 p 97-102

Morphology

- Allsopp, A. and Mitra, G. C. Morphology of protonema and bud formation in the bryales. Ann Bot 22:113-14 Ja '58
- Blaser, H. W. Morphology of the determinate thorn-shoots of gleditsia. Am J Bot 43:27-8 Ja '56
- Cronquist, A. Phylogeny and taxonomy of the compositae. Am Midl Natur 53:510-11 Ap '55
- Crowder, L. V. Morphological and cytological studies in tall fescue (festuca arundinacea Schreb.) and meadow fescue (F. elatior L.) Bot Gaz 117:222-3 Mr '56
- Cumming, B. G. Control of growth and development in red clover (trifolium pratense L.) Can J Plant Sci 39:23-4 Ja '59
- Douglas, G. E. Inferior ovary. Bot R 23:36-41 Ja '57
- Maheshwari, P. Floral morphology and embryology of the loranthoidai (loranthaceae). Madras Univ J secB 27:134-6 Ja '57
- Rahn, J. E. Study of the three-dimensional configurations of sporogenous cells in the anthers of trillium erectum L. with special reference to the geometrical aspects of cell shape. Torrey Bot Club Bul 83:375-6 S '56
- Sarkar, P. Crested wheatgrass complex. Can J Bot 34:345 My '56
- Schussnig, Bruno. Handbuch der protophytenkunde; eine vergleichend-morphologische und biologische darstellung der niederen pflanzen für biologen, mediziner, und landwirte. Fischer '53 incl bibliog
- Smith, Gilbert Morgan. Cryptogamic botany. 2d ed (McGraw-Hill pub. in the botanical sciences) McGraw '55 2v incl bibliog
- Tucker, S. C. Ontogeny of the etiolated seedling mesocotyl of zea mays. Bot Gaz 118: 174 Mr '57
- Wilson, K. A. Ontogeny of the sporangium of phlebodium (polypodium) aureum. Am J Bot 45:490-1 Je '58
- See also*
- Abnormalities (plants)
- Algae—Development
- Bark
- Botany—Anatomy
- Botany—Embryology
- Cuticle (plants)
- Flowers—Morphology
- Fungi—Development
- Leaves—Morphology
- Mitochondria
- Morphogenesis (botany)
- Stems (plants)
- Stipules (botany)
- Vascular bundles

Nomenclature

- Machek, Václav. Česká a slovenská jména rostlin. (Studie a prameny: Sekce jazyka a literatury, v 1) Nakl. Československé akad. věd '54 p 359-64

Pathology

See Plants—Diseases and pests

Periodicals

- Schwarten, L. and Rickett, H. W. Abbreviations of titles of serials cited by botanists. Torrey Bot Club Bul 85:283-300 Jl '58

Physiology

- Ackley, William Benton. Hard-end of the Bartlett pear and its possible association with various water relationships of the fruit and leaves. (Technical bul. 15) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p 30-5

BOTANY—Physiology—Continued

- Chandler, William Henry. Deciduous orchards. 3d rev ed Lea '57 incl bibliog
Clark, J. and Gibbs, R. D. Studies in tree physiology. Can J Bot 35:252-3 Mr '57
Ferry, James, and Ward, Henry Silas. Fundamentals of plant physiology. Macmillan '59 p273-6
Forest tree physiology symposium. Ohio J Sci 57:321-80 N '57 incl bibliog
Gauch, Hugh Gilbert, and Dugger, Willie Mack. Physiological action of boron in higher plants; a review and interpretation. (Bul. A-80) Agricultural experiment station, Univ. of Md. '54 p29-43
Glasziou, K. T. and others. Physiology of sugar-cane. Australian J Biol Sci 2:29. 327-8 E, Ag '58

Hackskaylo, Joseph, and Ergle, David R. Compositional and physiological responses of the cotton plant to the systemic insecticides schradan and demeton. (Bul. 821) Tex. agricultural experiment station '55 p 18

International symposium on forest tree physiology. 1st. Harvard university. 1957. Physiology of forest trees; a symposium held at the Harvard forest, Apr. 1957; under the auspices of the Maria Moors Cabot foundation; ed. by Kenneth V. Thimann (and others) Ronald '58 incl bibliog

McKee, H. S. and others. Physiology of pea fruits. Australian J Biol Sci 8:162-3, 475; 10:309, 412-13, 424-5 My, N '55, Ag-N '57
Meyer, Bernard Sandler, and others. Laboratory plant physiology. 3d ed Van Nostrand '55 p 167-8

Miller, E. V. Physiology of citrus fruits in storage. Bot R 24:57-9 Ja '58

Sadasivan, T. S. Uptake of ions and metallic chelation in plants. Ind Acad Sci Proc serB 45:6-8 Ja '57

Thomas, Meirion, and others. Plant physiology. 4th ed Philosophical lib. '56 p640-55

Van Schreven, D. A. On the physiology of tuber-formation in potatoes. Plant & Soil 8:73-4, 85-6 Ag '56

Workman, M. and others. Studies on the physiology of tomato fruits. Am Soc Hort Sci Proc 69:364-5 Je '57

See also

Absorption (plants)
Botany—Anatomy
Botany—Embryology
Cambium
Cell division (botany)
Color of plants
Differentiation (botany)
Enzymes, Plant
Fertilization of plants
Galls (botany)
Germination
Growth (plants)
Metabolism (plants)
Photosynthesis
Plants—Absorption of water
Plants—Assimilation
Plants—Chemical analysis
Plants—Nutrition
Plants—Reproduction
Plants—Respiration
Plants—Translocation
Plants—Transpiration
Plants, Sex in
Roots
Sap
Symbiosis (botany)

Taxonomy

See Botany—Classification

Variation

See Variation (botany)

Africa

Hedberg, Olov. Afroalpine vascular plants; a taxonomic revision. (Symbolae botanicae upsalienses xv: 1) Lundequistska bokhandeln '57 p381-94

Arctic regions

Polunin, N. Botany of ice-island T-3. J Ecol 46:346-7 JI '58

Polunin, N. and others. Cryptogamic flora of the Arctic. Bot R 20:361-476 Je '54 incl bibliog

Schuster, R. M. Notes on nearctic hepaticae. Can J Bot 36:287-8 Mr '58

Australia

Mirams, R. V. Aspects of the natural regeneration of the Kauri (agathis australis Salisb.) Roy Soc N Z Trans 84:679-80 Ag '57

British West Indies

Hodge, W. H. Flora of Dominica, B.W.I. Lloydia 17:50-2 Mr '54

Central America

Allen, Paul Hamilton. Rain forests of Golfo Dulce. Univ. of Fla. press '56 p411-13

Chile

Schmithüsen, Josef, and others. Forschungen in Chile. (Bonner geographische abh, no 17) Geographisches inst. Univ. Bonn '56 incl bibliog

China

Hu, S. Y. Statistics of compositae in relation to the flora of China. Arnold Arbor J 34:417-19 O '58

Florida

Ledin, R. B. Tropical and subtropical fruits in Florida. (other than citrus) Econ Bot 11: 374-6 O '57

France

Evans, R. G. Inter tidal ecology of some localities on the Atlantic coast of France. J Ecol 45:270-1 Ap '57

Germany

Oberdorfer, Erich. Süddeutsche pflanzen-gesellschaften. (Pflanzensoziologie; eine reihe vegetationskundlicher gebietsmono-graphien, v 10) Fischer '57 p545-51

Great Britain

Biological flora of the British isles. See numbers of Journal of ecology

Godwin, Harry. History of the British flora; a factual basis for phytogeography. Cambridge '56 p356-66

Jones, V. and Richards, P. W. Saxifraga oppositifolia. J Ecol 44:315-16 Ja '56

Matthews, James Robert. Origin and distribution of the British flora. (Hutchinson's univ. lib: Biological sciences) Hutchinson '55 p 163-5

Great Lakes region

Van Oosten, John. Great Lakes fauna, flora and their environment; a bibliography. Great Lakes comm. '57 86p

Great Plains region

Weaver, John Ernest, and others. Grasslands of the Great Plains: their nature and use. Johnsen pub. co. '56 p379-87

Greenland

Böcher, Tyge Wittrock. Oceanic and continental vegetational complexes in south-west Greenland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 148, no 1) Reitzel '54 p314-21

Himalaya mountains

Schweinfurth, Ulrich. Die horizontale und vertikale verbreitung der vegetation im Himalaya. (Bonner geographische abh, no20) Dümmlers verlag '57 p335-64

Iowa

Beal, Ernest O. and Monson, Paul H. Marsh and aquatic angiosperms of Iowa. (Studies in natural history, v 19, no5; Study ser, no429) State univ. of Iowa '54 p91-2

Japan

Hiroe, Minosuke, and Constance, Lincoln. Umbelliferae of Japan. (Calif. Univ. Pubs. in botany, v30, no 1) Univ. of Calif. press '58 p 143-4

Lebanon

Vaumas, Etienne de. Le Liban: montagne libanaise, Bekaa, Anit-Liban, Hermon, Haute Galilée libanaise; étude de géographie physique. Firmin-Didot '54 3v v 1, p319-31

Manitoba

Scoggan, H. J. Flora of Manitoba. (Bul. no 140; Biological ser, no47) Nat. museum of Canada '57 p574-9

BOTANY—Continued

Mexico

Guerra, Francisco, and Olivera, H. Las plantas fantásticas de México; introd. a la farmacología del teonanácatl, marihuana, canela, chicalote, adormidera, colorín, loco, peyote, sinicuiche, cozticzapotl, ololiuqui, camotillo, toloache, coca, banisteria y cohombrito, Impr. del Diario español '54 incl bibliog

McVaugh, Rogers. Edward Palmer, plant explorer of the American West. Univ. of Okla. press '56 p403-20

Michigan

Voss, E. G. History of floristics in the Douglas Lake region (Emmet and Cheboygan counties, Michigan, with an account of rejected records. Denison Univ Sci Lab J 44:70-5 Je '56

Missouri

Hanebrink, Earl L. Flora of southeast Missouri. Kennet '58 p76-8

New York (state)

McVaugh, Rogers. Flora of the Columbia County area. New York. (N.Y. State museum, Bul. no360) Univ. of the state of N.Y. '58 p394-400

North America

Ray, James Davis. Genus *lysimumachia* in the New world. (Ill. Univ. Ill. biological monographs, v24, no3-4) Univ. of Ill. press '56 p 142-4

Weaver, John Ernest. North American prairie. Johnsen pub. co. '54 p332-9

North Carolina

Brown, Clair Alan. Vegetation of the Outer banks of North Carolina. (La. State univ. Studies. Coastal studies ser. no4) La. state univ. press '59 p 116-19

Oceania

Sachet, Marie Hélène, and Fosberg, Francis Raymond. Island bibliographies; Micronesian botany, Land environment and ecology of coral atolls. Vegetation of tropical Pacific islands. (Pub. 335) Nat. research council '55 577p annot

Russia

Berg, Lev Semenovich. Die geographischen zonen der Sowjetunion. Teubner '58 incl bibliog

South Africa

Macnae, W. Ecology of plants and animals in the intertidal regions of the Zwartkops estuary, near Port Elizabeth. South Africa. J Ecol 45:385-7 Jl '57

South America

Goodspeed, Thomas Harper, and Stork, Harvey Elmer. University of California botanical garden expeditions to the Andes (1935-1952) with observations on the phytogeography of Peru. (Calif. Univ. Pubs. in botany, v28, no3) Univ. of Calif. press '55 p 133

South Carolina

Batson, Wade Thomas, and others. Ecological study of the fauna and flora of the Savannah River plant area. (S.C. Univ. Pubs. Ser3: Biology, v2, no3) Dept. of biology, Univ. of S.C. '58 incl bibliog

Texas

Anthony, M. Ecology of the opuntiae in the Big Bend region of Texas. Ecology 35:347 Jl '54

Tropics

Cobley, Leslie S. Introduction to the botany of tropical crops. Longmans '56 incl bibliog Studien zur klima- und vegetationskunde der tropen; mit beiträgen von Wilhelm Lauer [et al] (Bonner geographische abhandlungen, no9) Geographisches inst, Univ. Bonn '52 incl bibliog

United Nations educational, scientific and cultural organization. South Asia science co-operation office. Tropical vegetation; list of references, India, Burma & Ceylon, 1948-1954; comp. for symposium on tropical vegetation at Kandy, Ceylon, 19-21 Mar. 1956. The office '56? 12p

United States

Braun, E. L. Phytogeography of unglaciated eastern United States and its interpretation. Bot R 21:368-75 Je '55

Gunn, C. R. Annotated list of the state floras. Ky Acad Sci Trans 17:114-20 My '56

Stern, W. L. and Brizicky, G. K. Wood and flora of the Florida keys. Trop Woods no 107:62-5 O '57

Wood, C. E. Genera of the woody ranales in the southeastern United States. Arnold Arbor J 34:296-346 Jl '58 incl bibliog

Utah

Woodbury, Angus Munn, and others. Ecological studies of flora and fauna in Glen canyon. (Utah. Univ. Dept. of anthropology. Anthropological papers, no40; Glen Canyon ser. no7) Univ. of Utah press '59 incl bibliog

Washington (state)

Buechner, H. K. Some biotic changes in the state of Washington, particularly during the century 1853-1953. Res Stud St Coll Wash 21:187-92 Je '53

West

McKelvey, Susan Delano. Botanical exploration of the trans-Mississippi West, 1790-1850. Arnold arboretum, Harvard univ. '55 incl bibliog

McVaugh, Rogers. Edward Palmer, plant explorer of the American West. Univ. of Okla. press '56 p403-20

West Indies

Webster, G. L. Monographic study of the West Indian species of *phyllanthus*. Arnold Arbor J 37:249-53 Jl '56

Wisconsin

Greene, Henry Campbell, and Curtis, John Thomas. Bibliography of Wisconsin vegetation. (Pubs. in botany, no 1) Curtis '55 84p

BOTANY, Economic

Cobley, Leslie S. Introduction to the botany of tropical crops. Longmans '56 incl bibliog Dodge, Bertha Sanford. Plants that changed the world. Little '59 p 175-7

Fulling, E. H. Botanical aspects of the paper-pulp and tanning industries in the United States—an economic and historical survey. Am J Bot 43:633-4 O '56

Gill, Norman Thorpe, and Vear, Kenneth Charles. Agricultural botany. Duckworth '58 p605-6

Hanson, W. I. and Hocking, G. M. Garden sage. Econ Bot 11:74 Ja '57

Heine-Geldern, R. Kulturpflanzengeographie und das problem vorkolumbischer kulturbeziehungen zwischen Alter und Neuer welt. Anthropos 53 no3:398-402 '58

Hocking, George Macdonald. Dictionary of terms in pharmacognosy and other divisions of economic botany; a comp. of words and expressions relating principally to natural medicinal and pharmaceutical materials and the plants and animals from which they are derived, their chemical composition, applications, and uses, together with some other materials derived from the plant, animal, and mineral kingdoms of the current economic interest. Thomas '55 p254-68

Llano, G. A. Utilization of lichens in the Arctic and Subarctic. Econ Bot 10:390-2 O '56

Smith, A. K. Isolation and utilization of vegetable proteins. Econ Bot 8:310-15 O '54

Thieret, J. W. Bryophytes as economic plants. Econ Bot 10:88-91 Ja '56

United States. Superintendent of documents. Plants. (Price list 44, 51st ed) U.S. Gov. ptr. office '59 18p

Whitehouse, W. E. Pistachio nut: new crop for the western United States. Econ Bot 11:320-1 O '57

See also

Cotton manufacture

Forest products

Grasses

Plant introduction

Plants, Edible

Poisonous plants

Textile fibers

Weeds

History

Andrews, A. C. Sage as a condiment in the Graeco-Roman era. Econ Bot 10:265-6 Jl '56

BOTANY, Fossil. See Paleobotany

BOTANY, Medical

Chmielińska, Maria. Polska bibliografia zielarstwa, za okres od początku XVI wieku do roku 1940. Państwowy zakład wydawn. lekarskich '54 515p

De Laszlo, Henry Guinness. Library of medicinal plants. Heffer '58 [56]p

Guerra, Francisco, and Olivera, H. Las plantas fantásticas de México; introd. a la farmacología del teonanácatl, marihuana, canela, chicalote, adormidera, colorín, loco, peyote, sinicuiche, coticzapotl, olohuqui, camotillo, toloache, coca, banisteria y cohombro. Impr. del Diario español '54 incl bibliog

King, L. J. Unique reported use for the fruit of *semecarpus anacardium* L. f. (anacardiaceae) in ancient Arabian and Indian medicine. *Econ Bot* 11:265-6 J1 '57

Legnano, L. P. da. Le piante medicinali nella cura delle malattie umane; affezioni e sofferenze, piante, rimedi. Edizioni mediterrane '54 p593-604

Nissen, Claus. Herbs of five centuries: 50 original leaves from German, French, Dutch, English, Italian, and Swiss herbaria; introd. and bibliog. tr. by Werner Bodenheimer and Albert Rosenthal. *L'Art ancien* '58 86p

Scharpenseel, H. W. Über einige antibiotisch wirksame pflanzen der tropischen flora. *Landw Forsch* 10 no3:199-200 '57

Sieg, Hilde. Gottesegen der kräuter. Staneck '53 p313-17
See also

Herbs
Rauwolfia

BOTANY, Systematic. See Botany—Classification

BOTERO, Giovanni, 1540-1617

Fischer, Emil Albert. Giovanni Botero, ein politischer und volkswirtschaftlicher denker der gegenreformation. *Emmenthaler-blatt* '53 p xi-xiv

BOTTIGLIONI, Gino, 1887-

Bottiglioni, Gino. Miscellanea glottologica di Gino Bottiglioni, pubblicata in occasione del suo settantesimo compleanno da colleghi, amici, discepoli. (Rome. Univ. Istituto di filologia romanza. Studi e testi) Soc. tipografica editrice modenese '57 p xi-xxiii

BOUCHE, Georges, 1879-1953

Hommage au Docteur Georges Bouché. Eds. du Parthenon '56 p 145-51

BOULDERS

Dreimanis, A. Tracing ore boulders as a prospecting method in Canada. *Can Min & Met Bul* 51:79-80 F '58

BOUNDARIES

United States. Superintendent of documents. National parks, historic sites, national monuments. (Price list 35, 38th ed) U.S. Gov. ptg. office '58 11p

See also

Continental shelf

BOUNDARY layer

Bartz, D. R. Approximate solution of compressible turbulent boundary-layer development and convective heat transfer in convergent-divergent nozzles. *Am Soc Mech Eng Trans* 77:1243-4 N '55

Bogdonoff, S. M. and Kepler, C. E. Separation of a supersonic turbulent boundary layer. *J Aero Sci* 22:424+ Je '55

Eckert, E. R. G. Engineering relations for heat transfer and friction in high-velocity laminar and turbulent boundary-layer flow over surfaces with constant pressure and temperature. *Am Soc Mech Eng Trans* 78:1283 Ag '56

Görtler, Heinrich, and Tollmien, Walter, eds. 50 Jahre grenzschichtforschung; eine festschrift in originalbeiträgen. Vieweg '55 incl bibliog

Görtler, H. New series for the calculation of steady laminar boundary layer flow. *J Math & Mech* 6:65-6 Ja '57

Hammitt, A. G. Interaction of shock waves and turbulent boundary layers. *J Aero Sci* 25:355-6 Je '58

Honda, M. Theoretical investigation of the interaction between shock waves and boundary layers. *J Aero/Space Sci* 25:677-8 N '58

Korkegi, R. H. Transition studies and skin-friction measurements on an insulated flat plate at a Mach number of 5.8. *J Aero Sci* 23:107 F '56

Kuethe, A. M. Some features of boundary layers and transition to turbulent flow. *J Aero Sci* 23:451-2+ My '56

Lachmann, G. V. Boundary layer control. *Roy Aero Soc J* 59:192-4 Mr '55

Liu, H. K. Mechanics of sediment-ripple formation. *Am Soc Civil Eng Proc* 83 [HY2 no 1197]:22-3 '57

Mattioli, E. Ricerche teoriche e sperimentale sulla turbolenza di parete. *Aerotecnica* 36:126 Ap '56

Probstein, R. F. and Elliott, D. Transverse curvature effect in compressible axially symmetric laminar boundary-layer flow. *J Aero Sci* 23:221-2 Mr '56

Ross, D. New approach to turbulent boundary layer problems. *Am Soc Civil Eng Proc* 81 no604:11-12 '55

Schlichting, Hermann. Boundary layer theory; tr. by J. Kestin. (McGraw-Hill ser. in mechanical engineering) McGraw '55 incl bibliog

Smith, A. M. O. and Clutter, D. W. Smallest height of roughness capable of affecting boundary-layer transition. *J Aero/Space Sci* 26:245+ Ap '59

Teddington, England. National physical laboratory. Boundary layer effects in aerodynamics [proceedings of a symposium held at the Nat. physical laboratory on 31st March & 1st Apr. 1955] H.M.S.O. '55 incl bibliog

BOUNDARY value problems

Friedman, A. Free boundary problems for parabolic equations. *J Math & Mech* 8:516-17 J1 '59

BOURLIERE, François, 1913-

Bourlière, François. Titres et travaux scientifiques du Dr François Bourlière. The author '55 45p

BOUTERON, Marcel, 1877-

Bouteron, Marcel. *Etudes balzacienes*. Jouve '54 p267-72

BOWEN, Norman Levi, 1887-1956

Bowen, Norman Levi. Evolution of the igneous rocks; with a new introd. by J. F. Schairer. Dover '56 p7-12 (first group)

Schairer, J. F. Memorial of Norman L. Bowen. *Am Min* 42:245-8 Mr '57

—Same; *Geol Soc Am Proc* 1956:119-21 S '57

Tilley, C. E. Norman Levi Bowen, 1887-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p20-22)

BOWLING

Bowling-fencing-golf guide, June 1958-June 1960; eds: Mildred Wohlford [and others] [Fencing bibliog. by Judith Morofsky; Bibliog. for golf by Nancy Van Annel (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p34-5

BOWMAN, Isaiah, 1878-1950

Wright, J. K. and Carter, G. F. Isaiah Bowman. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p55-64)

BOXERS

T'an, Ch'un-lin. Boxer catastrophe. (Columbia univ. Columbia studies in the social sciences, no583) Columbia univ. press '55 p245-63 annot

BOY scouts

Oursler, William Charles. Boy scout story. Doubleday '55 p251-3

BOYCOTT

Princeton university. Industrial relations section. Secondary boycotts and picketing under the Taft-Hartley act. (Sel. references, no87) The section '59 4p annot

Zwimpfer, Beat Paul. Zweck und mittel im boykott. Keller '55 p 11-16

BOYLESVE, René, 1867-1926

Ménard, Jean. L'œuvre de Boylesve avec des documents inédits. Nizet '56 p239-63

BRACHIPODA

Williams, A. Calcareous shell of the brachiopoda and its importance to their classification. *Cambridge Philos Soc Biol R* 31:286-7 Ag '56

BRACHIOPODA, Fossil

Bryant, D. L. Index, type species, and bibliography of productid genera. *J Paleont* 29:289-94 Mr '55

Campbell, K. S. W. Lower carboniferous brachiopod-coral fauna from New South Wales. *J Paleont* 31:95-8 Ja '57

BRACHIOPODA, Fossil—Continued

- Campbell, K. S. W. Some carboniferous productid brachiopods from New South Wales. *J Paleont* 30:480 My '56
- Cooper, Gustav Arthur. Chazyan and related brachiopods. (Smithsonian misc. colls. v 127, pts 1-2) Smithsonian inst. '56 2v v 1, p 1007-17
- Cooper, Gustav Arthur. Permian brachiopods from central Oregon. (Smithsonian misc. colls. v 134, no 12) Smithsonian inst. '57 p63-70
- Imbrie, John. Brachiopods of the traverse group (Devonian) of Michigan; pt 1, Dalmanellacea, pentameracea, strophomenacea, orthotetacea, chonetacea, and productacea. (Bul. v 116, article 4) Am. museum of natural history '59 p408-9
- Termier, H. and Termier, G. Contribution à l'étude des brachiopodes permien du Djebel Tebaga (extrême sud tunisien) Soc Géol France Bul 7:213-14 O '57
- Tokuyama, A. On the late triassic rhynchonellids of Japan. *Japan J Geol & Geog* 23: 136-7 S '57
- BRACKENRIDGE, Henry Marie, 1786-1871**
- Keller, William F. Nation's advocate: Henry Marie Brackenridge and young America. Univ. of Pittsburgh press '56 p425-34

BRACONIDAE

- Martin, John Clarke. Taxonomic revision of the triaspine braconid wasps of nearctic America (hymenoptera) (Canada. Dept. of agriculture. Pub. 965) Science service, Entomology div '56 p 140-6

BRAHINSKY, Mani Leib, 1883-1953

- Jeshurin, Ephraim H. Mani Leib bibliography. Central Yiddish cultural organization '55 23p

BRAHMA, Ernest, pseud. See Smith, E. B.**BRAHMS, Johannes, 1833-1897**

- Hamburg. Staats- und universitätsbibliothek. Johannes Brahms ausstellung, anlässlich der 125. wiederkehr seines geburstages am 7. Mai 1833; dokumente seines lebens und schaffens [katalog zusammengestellt von Gustav Fock und Kurt Richter] The library '58 23p

BRAIN

- Association for research in nervous and mental disease. Brain and human behavior; proceedings of the association, Dec. 7 and 8, 1956, New York. (Research pubs. v36) Williams & Wilkins '58 incl bibliog
- Brodal, Alf. Reticular formation of the brain stem; anatomical aspects and functional correlations. (Henderson trust lectures, no 18) Oliver '57 p75-84
- Burns, Benedict Delisle. Mammalian cerebral cortex. (Physiological soc. Monographs. no5) Arnold '58 p 104-15
- Conei, Jesse Leroy. Postnatal development of the human verebral cortex. Harvard univ. press '39-'59 6v incl bibliog
- Council for international organizations of medical sciences. Brain mechanisms and consciousness; a symposium; consulting eds: Edgar D. Adrian [and others] Blackwell '54 p514-50
- Fisher, K. C. and Sullivan, C. M. Effect of temperature on the spontaneous activity of speckled trout before and after various lesions of the brain. *Can J Zool* 36:62-3 F '58
- Harkmark, W. Influence of the cerebellum on development and maintenance of the inferior olive and the pons; an experimental investigation on chick embryos. *J Exp Zool* 131:355-60 Mr '56
- Kenk, Roman, and Nall, Mabel Lexton. Physiology of the circulation of the brain; an annot. bibliog, 1938-1948. (Physiological reviews, v32, sup. no 1-2) Am. physiological society '52-'56 2v
- Kollros, J. J. and McMurray, V.M. Mesencephalic V nucleus in anurans. *J Exp Zool* 131:23-6 F '56
- Krieg, Wendell Jordan S. Connections of the frontal cortex of the monkey. Thomas '54 p297-9
- Magoun, Horace Winchell. Waking brain. (Thomas William Salmon memorial lecture) Thomas '58 p 117-35
- Mettler, Frederick Albert. Culture and the structural evolution of the neural system. (James Arthur lecture on the evolution of the human brain, 1955) Am. museum of natural history '56 p54-7
- Rensch, B. Increase of learning capability with increase of brain-size. *Am Natur* 90: 93-5 Mr '56

Rollin, A. R. Mass action effects in learning.

- J Psychol* 39:317-19 Ap '55
- Sholl, Donald Arthur. Organization of the cerebral cortex. Wiley '56 p 113-18
- Tola, Jaakko, Sakari. Histopathological and biological characteristics of the primary neoplasms of the cerebellum and the fourth ventricle, with some aspects of their clinical picture, diagnosis and treatment (on the basis of 71 verified cases) (Sup 164) *Acta chirurgica scandinavica* '51 p99-112
- Zeigler, H. P. Electrical stimulation of the brain and the psycho-physiology of learning. *Psychol Bul* 54:378-82 S '57

See also

- Cerebral cortex
Hypothalamus
Memory
Phrenology
Pituitary body
Psychology

Abnormities and deformities

- Pluvinage, Roger. Malformations et tumeurs vasculaires du cerveau; préf. de Th. Alajouanine. Masson '54 incl bibliog

Abscess

- Weber, Gerhard. Der hirnsabszess. Thieme '57 p 173-85

Blood vessels

- Bakay, Louis. Blood-brain barrier, with special regard to the use of radioactive isotopes. (Am. lecture ser, pub. no 278) Thomas '56 p 135-50
- Greitz, Torgny Vlademar Bernhard. Radiologic study of the brain circulation by rapid serial angiography of the carotid artery. (Sup 140) *Acta radiologica* '56 p 118-23
- Krayenbühl, Hugo, and Yasargil, Mahmut Gazi. Die vaskulären erkrankungen im gebiet der arteria vertebralis und arteria basialis; eine anatomische und pathologische, klinische und neuroradiologische studie. (Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin; diagnostik, physik, biologie, therapie. Ergänzungsbande. Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern, v80) Thieme '57 p 159-70

Diseases

- Bender, Lauretta, ed. Psychopathology of children with organic brain disorders. (Bellevue studies of child psychiatry) Thomas '56 p 139-44
- Brown, Ian A. Liver-brain relationships. Thomas '57 p 177-98
- Houston neurological society. Viral encephalitis; a symposium, 5th annual scientific meeting of the Society; comp. and ed. by William S. Fields [and] Russell J. Blattner. Thomas '58 incl bibliog
- Pia, Hans Werner. Die schädigung des hirnstammes bei den raumfordernden prozessen des gehirns; ein beitrag zur pathogenese, klinik und behandlung der massenverschiebungen des gehirns. (Acta neurochirurgica. Sup. 4) Springer '57 p 154-78
- Sjögren, Torsten, and others. Morbus Alzheimer und Morbus Pick; a genetic, clinical and patho-anatomical study; tr. by Donald Burton. (Acta psychiatrica et neurologica scandinavica, sup82) Munksgaard '52 incl bibliog

See also

- Aphasia
Nervous system—Diseases
Paralysis, Cerebral
Thrombosis

Diagnosis

- Bakay, Louis. Blood-brain barrier, with special regard to the use of radioactive isotopes. (Am. lecture ser, pub. no 278) Thomas '56 p 135-50

Localization of functions

- Bauer, R. W. and Wepman, J. M. Lateralization of cerebral functions. *J Speech & Hear Dis* 20:177 Je '55
- Hess, Walter Rudolf. Functional organization of the diencephalon; ed. by John R. Hughes. Grune '57 p 161-74
- Penfield, Wilder, and Roberts, Lamar. Speech and brain-mechanisms. Princeton univ. press '59 p259-79
- Tow, Peter Macdonald. Personality changes following frontal leucotomy; a clinical and experimental study of the functions of the frontal lobes in man; with a foreword by Sir Russell Brain. (Oxford medical pubs) Oxford '55 p243-55

BRAIN—Localization of functions—*Continued*
Walker, A. E. Development of the concept of cerebral localization in the nineteenth century. *Bul Hist Med* 31:117-21 Mr '57
Waters, T. J. Recent research on somesthetic effects of brain injury. *Train Sch Bul* 53: 223-4 D '56

Radiography

Greitz, Torgny Vlademar Bernhard. Radiologic study of the brain circulation by rapid serial angiography of the carotid artery. (Sup 140) *Acta radiologica* '56 p 118-23
Lindgren, Erik, ed. Röntgenologie, einschliesslich kontrastmethoden. (Handbuch der neurochirurgie, v2) Springer '54 p251-78

Surgery

Le Beau, Jacques, and others. Psychochirurgie et fonctions mentales: techniques, résultats, applications physiologiques. Masson '54 p407-22
Lewis, Nolan Don Carpenter, and others, eds. Studies in topectomy. Grune '56 incl bibliog
Tow, Peter Macdonald. Personality changes following frontal leucotomy; a clinical and experimental study of the functions of the frontal lobes in man; with a foreword by Sir Russell Brain. (Oxford medical pubs) Oxford '55 p243-55

Tumors

Hertz, Helge, and Rosendal, Thomas. Roentgen changes in the cranium in 153 intracranial tumors in children aged 0-15 years. (Sup. 141) *Acta radiologica* '56 p53-4
Pluvinage, Roger. Malignations et tumeurs vasculaires du cerveau; préf. de T. Alajouanine. Masson '54 incl bibliog
Walther-Büel, Hans. Die psychiatrie der hirngeschwülste und die cerebralen grundlagen psychischer vorgänge. (Acta neurochirurgica, sup2) Springer '51 p219-26
Zülch, Klaus Joachim. Brain tumors: their biology and pathology; tr. by Alan B. Rothbauer and Jerzy Olszewski. Springer pub. '57 p262-303
Zülch, Klaus Joachim, and Christensen, Einar, eds. Pathologische anatomie der raumbegrenzenden intrakraniellen prozesse. (Handbuch der neurochirurgie, v3) Springer '56 p622-702, 733-6

See also

Intracranial tumors

Wounds and injuries

Bauer, R. W. and Wepman, J. M. Lateralization of cerebral functions. *J Speech & Hear Dis* 20:177 Je '55
Morrow, R. S. and Mark, J. C. Correlation of intelligence and neurological findings on twenty-two patients autopsied for brain damage. *J Consult Psychol* 19:289 Ag '55
Semmes, J. and others. Spatial orientation in man after cerebral injury. *J Psychol* 39: 242-4 Ja '55
Spiyak, G. and Levine, M. Spiral after-effect and measures of satiation in brain-injured and normal subjects. *J Personality* 27:225-7 Je '59
Talland, G. A. Perception of apparent movement in Korsakoff's psychosis. *J Personality* 26:347-8 S '58
Teuber, H. L. and Mishkin, M. Judgement of visual and postural vertical after brain injury. *J Psychol* 38:173-5 JI '54
Teuber, H. L. and Weinstein, S. Performance on a formboard-task after penetrating brain injury. *J Psychol* 38:188-90 JI '54
Waters, T. J. Recent research on somesthetic effects of brain injury. *Train Sch Bul* 53: 223-4 D '56
Wedler, Hans Wilfrid. Stammhirn und innere erkrankungen; kasuistik, statistik und kritik am beispiel stammhirnstecksplittersverletzter. (Monographien aus dem gesamtgebiete der neurologie und psychiatrie, no76) Springer '53 p322-31
Yates, A. J. Validity of some psychological tests of brain damage. *Psychol Bul* 51:377-9 JI '54

BRAIN potentials

Ellingson, R. J. Brain waves and problems of psychology. *Psychol Bul* 53:26-34 Ja '56

BRAIN washing

Meerloo, Abraham Maurits. Rape of the mind; the psychology of thought control, menticide, and brainwashing. World pub. '56 p305-12

Sargent, William Walters. Battle for the mind; a physiology of conversion and brainwashing. Doubleday '57 p241-52

BRAIN waves. See Brain potentials

BRAINERD, George Walton, 1909-1956
George Walton Brainerd, 1909-1956. Master-key 30:73-5 My '56
Hoijer, H. and Beals, R. L. George Walton Brainerd, 1909-1956. *Am Anthropol* 58:910-12 O '56
Smith, W. George Walton Brainerd, 1909-1956. *Am Antiq* 22:167-8 O '56

BRANCHIOPODA, Fossil

Kobayashi, T. and Kusumi, H. Study on estherites middendorfi (Jones). *Japan J Geol & Geog* 23:23-4 Mr '53

BRANDE, William Thomas, 1788-1866

Horne, A. J. Bibliography of William Thomas Brande, 1788-1866. Royal inst. lib. '55 18p

BRANDEIS, Louis. Dembitz, 1856-1941

Mason, Alpheus Thomas. Brandeis; a free man's life. Viking '56 p688-9 annot
Yale university. School of law. Library. Louis Dembitz Brandeis, 1856-1941; a bibliog (celebration of the 100th anniversary of his birth) [by R. M. Mersky] (Yale law lib. pubs, no 15) The school '58 44p

BRANDENBERGER, Heinrich

Brandenberger, Heinrich. Funktionsgerechtes konstruieren; erkenntnisse, gesichtspunkte, regeln und gesetzte über das funktionsgerechte konstruieren. (SDV fachbücher) Schweizer druck- & verlagshaus '57 p289-91

BRANDES, Georg Morris Cohen, 1842-1927

Fenger, Henning. Georg Brandes' læreår; læsning, idéer, smag, kritik, 1857-1872. Gyldendal '55 p411-38

BRANN, William Cowper, 1855-1898

Carver, Charles. Brann and the iconoclast; introd. by Roy Bedichek. Univ. of Tex. press '57 p 187-9

BRAQUE, Georges, 1881-

Gieure, Maurice. G. Braque. Universe bks. '56 p 105-7

BRAY, William L. 1865-1953

Faust, M. E. William L. Bray. *Torrey Bot Club Bul* 82:299-300 JI '55

BRAZIL

Borba de Moraes, Rubens. Bibliographia brasiliana; a bibliog. essay on rare bks. on Brazil pub. from 1540 to 1900 and works of Brazilian auths. pub. abroad before the independence of Brazil in 1822. Colibris editora '58 427p

Cortese, Jaime, and Calmón, Pedro. Brasil. (Historia de Am. y de los pueblos americanos, v26) Salvat '56 incl bibliog

Lacombe, Americo Jacobina. Brazil; a brief history; tr. by W. A. R. Richardson. Cultural div, Ministry of foreign relations '54 p 101-5 annot

Civilization

Freyre, Gilberto. Masters and the slaves [Casa-grande & senzala] a study in the development of Brazilian civilization; tr. from the Portuguese by Samuel Putnam. 2d ed rev Knopf '56 p501-37

History

Haring, Clarence Henry. Empire in Brazil; a New World experiment with monarchy. Harvard univ. press '53 p 173-6

Sousa, Octavio Tarquinio de. A vida de D. Pedro I. (Coleção Documentos brasileiros, 71) Olympio '52 3v v3, p 1155-71

—Same. 2d rev ed (Coleção Documentos brasileiros, 71) Olympio '54 3v v3, p 1165-79

Sources

Rau, Virginia, and Silva, Maria Fernanda Gomes da, eds. Os manuscritos do arquivo da casa de Cadaval respeitantes ao Brasil. (Acta) Coimbra. Univ. '55 540p

Industries and resources

Stein, Stanley Julian. Vassouras; a Brazilian coffee county, 1850-1900. (Harvard univ. Harvard historical studies, v69) Harvard univ. press '57 p301-10

Population

Barretto, Castro. Povoamento e população; política populacional brasileira. (Coleção Documentos brasileiros, 68) J. Olympio '51 incl bibliog

Religion

See also
Catholic church in Brazil

BRAZIL—Continued

Social conditions

Bazzanella, Waldemiro. Estratificação e mobilidade social no Brasil; fontes bibliográficas. Centro brasileiro de pesquisas educacionais '56 116p

BRAZILIAN literature

Bandeira, Manuel. Brief history of Brazilian literature; tr. introd. and notes by Ralph Edward Dimmick. Pan Am. union '58 p 163-6

Carpeaux, Otto Maria, pseud. Pequena bibliografia crítica da literatura brasileira. 2d ed rev & enl Serviço de documentação, Ministério da educação e cultura '55 297p

Handbook of Latin American studies, no 18 [1-21] Univ. of Fla. press '55-'59 4v no 18, p213-33; no 19, p277-90; no20, p264-76; no21, p231-42 annot

History and criticism

Bandeira, Manuel. Brief history of Brazilian literature; tr. introd. and notes by Ralph Edward Dimmick. Pan Am. union '58 p 167-70 annot

Topete, José Manuel. Working bibliography of Brazilian literature. Univ. of Fla. press '57 114p annot

BRAZING

Abstracts of current literature. See numbers of British welding journal

Barnett, Orville T. Filler metals for joining. (Reinhold reference bks) Reinhold '59 incl bibliog

Van Houten, G. R. Survey of the bonding of cermets to metals. Welding J 37 sup:567-9 D '58

Young, Gifford A. Welding and brazing; a bibliog. of unclassified rep. literature. (U.S. Atomic energy comm. TID-3059) Technical information service '55 46p

BREAD

Abstracts on baking materials and processing. See numbers of Bakers digest

Bechtel, W. G. Review of bread staling research. Am Assn Cereal Chem Trans 13: 119-21 Je '55

Bennion, Edmund Baron. Breadmaking, its principles and practice. 3d ed Oxford '54 p403-4

Milan. Biblioteca civica. Catalogo della raccolta di alimentazione e panificazione Arnaldo Luraschi; a cura dell'Associazione panificatori di Milano. The library '55 124p

See also

Baking

Flour

BREAST

Cancer

Anderson, Victor Elving, and others. Variables related to human breast cancer; a study from the Dight inst. of human genetics. Univ. of Minn. press '58 p 166-9

Delario, Anthony James. Breast cancer; factors modifying prognosis. Macmillan '59 p 197-202

Louisiana cancer conference. 2d. New Orleans, 1958. Breast cancer. Mosby '58 incl bibliog

BREATHING. See Respiration

BRECHT, Bertolt, 1898-1956

Brecht, Bertolt. Bertolt Brecht, une étude de René Wintzen: œuvres choisies, bibliographie, illustrations. (Poètes d'aujourd'hui, 43) Seghers '54 p211-17

Klotz, Volker. Bertolt Brecht, versuch über das werk. Gentner '57 p 134-40

Nubel, W. Bertolt-Brecht-bibliographie. Sinn & Form 9 noi/3:479-623 '57

Placzek. [Bertolt Brecht] bibliographie sommaire. Europe 35:150-3 Ja '57

Willett, John. Theatre of Bertolt Brecht; a study from eight aspects. New directions '59 p251-62 annot

BREEDING

Bogart, Ralph. Improvement of livestock. Macmillan '59 p409-30

Bonadonna, Telesforo. Pubblicazioni proprie, dei collaboratori e degli allievi, 1923-1953. Arti grafiche Raimondi '54 38p

Commonwealth bureau of animal breeding and genetics. Animal breeding abstracts. The bureau. See numbers

Nichols, James Edward. Livestock improvement in relation to heredity and environment. 4th ed Iowa state college press '57 p219-33

Rice, Victor Arthur, and others. Breeding and improvement of farm animals. 5th ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '57 incl bibliog

See also

Birds—Breeding

Heterosis

Horse breeding

Hybridization

Inbreeding

Plant breeding

Poultry breeding

Sheep breeding

Swine breeding

BREMEN

Bremische bibliographie, 1954-55. Jahrb Brem Wiss 1:405-22 '55

Bremische bibliographie, 1955-1956 [-1957-1958] und nachträge. Wittheit Bremen Jahrb 1:165-88; 2:225-45; 3:115-36 '57-'59

Description

Thalenhorst, Carl, ed. Bremen und seine bauten, 1900-1951; unter beihilfe des Buchausschusses, Arthur Bothe [et al] Schönmann '52 incl bibliog

BREMER, Fredrika, 1801-1865

Rooth, Signe Alice. Seeress of the Northland; Fredrika Bremer's Am. journey, 1849-1851. Am. Swedish historical foundation '55 p283-98

BREMMER, Henricus Petrus, 1871-1956

Bremmer, Henricus Petrus. Herdenking Dr. H. P. Bremmer; uitg. na zijn overlijden op 10 jan. 1956 door oud-cursisten, vrienden en leerlingen. Spruyt, Van Mantgem & De Does '57 p25-83

BRENSON, Theodore, 1893-

Brenson, Theodore. Light into color, light into space; paintings exhibited at the art gallery of Douglass college. Rutgers, the State Univ. New Brunswick, N.J. Apr. 3-29, 1959 [bibliog. by Bernard Karpel Wittenborn '59 3p (at end)]

BREUCHE de la Croix, Edmond, fl 1641-1661.

Gillis, Anne Marie. Edmond Breuché de la Croix, aumônier de la duchesse d'Orléans et curé de Flémalle; contribution à l'histoire de la poésie et de l'éloquence au XVII^e siècle. Acad. royale de langue & de littérature francaises de Belgique '57 p 157-70

BREUIL, Henri, 1877-

Henri-Martin, G. and others. Bibliographie des travaux de l'abbé Henri Breuil. (In Hommage à M l'abbé Henri Breuil, Henri-Martin '57 p31-97)

BREWING

Abstracts. See numbers of Institute of brewing. Journal

Abstracts. See numbers of Wallerstein laboratories, New York. Communications

Abstracts on brewing materials and processing. See numbers of Brewers digest

Kutter, F. Bibliographie des brauwesens. Ges Gesch & Bibliog Brauwes Jahrb 1953:125-39 '53

Review of current literature. See numbers of American brewer

See also

Beer

BREWING industry

Abstracts. See numbers of Institute of brewing. Journal

Abstracts on brewing materials and processing. See numbers of Brewers digest

Mathias, Peter. Brewing industry in England, 1700-1830. Cambridge '59 p559-74

Review of current literature. See numbers of American brewer

Shih, K'o-ching, and Shih, Chü-ying. American brewing industry and the beer market; a statistical analysis and graphic presentation. (Studies of Am. industries ser. no 1) The authors '58 p 120-2

BRICKS

Abstracts from current literature. See numbers of Claycraft thru December 1957

British ceramic abstracts. See numbers of British ceramic society. Transactions

Ritchie, T. and Plewes, W. G. Design of unit masonry for weather resistance. Roy Arch Inst Can J 32:348 S '55

BRIDGE (game)

Rovere, Ernest W. Point count contract bridge complete; incl. a complete text on modern bidding, basic play of the cards with practice hands and diagrammed explanations, rubber bridge and tournament scoring, digest of bridge laws, quizzes and answers. Random house '55 p697-701 annot

BRIDGES

National research council. Highway research board. Vibration and stresses in girder bridges [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 124) The board '56 incl bibliog

Rensselaer polytechnic institute, Troy, New York. Library. Writings of David Barnard Steinman relating to the design, construction and history of bridges; incl. contributions to the development of the engineering profession, 1909-1954; a bibliography. (Engineering and science ser, no67) The institute '55 28p

History

Smith, Hubert Shirley. World's greatest bridges. Phoenix house '53 p 170-1

Load

Deflection limitations of bridges. Am Soc Civil Eng Proc 84 [ST3 no 16331:14-20 My '58

BRIDGES, Concrete

National research council. Highway research board. Studies in composite design of steel beam and concrete bridge decks [papers] presented at the 36th annual meeting, Jan 7-11, 1957. (Bul. 174) The board '58 p 16-17, 36

United States. Army map service. Selective bibliography on prestressed concrete bridges; a technical service intelligence doc, prepared under direction of Chief of engineers. (U.S. Dept. of the army. Engineer intelligence study 99-57) The service '57 84p

BRIDGES, Iron and steel

Hawranek, Alfred. Theorie und berechnung der stahlbrücken; nach einem hinterlassenen ms, vollständig neu bearb. von Otto Steinhartdt. Springer '58 incl bibliog

National research council. Highway research board. Studies in composite design of steel beam and concrete bridge decks [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 174) The board '58 p 16-17, 36

BRIDGES, Steel. See Bridges, Iron and Steel

BRIDGES, Wooden

Allen, Richard Sanders. Covered bridges of the Northeast. Stephen Green press '57 p 116

BRIGHTMAN, Edgar Sheffield, 1884-

Brightman, Edgar Sheffield. Person and reality; an introd. to metaphysics; ed. by Peter Anthony Bertocci [and others] Ronald '58 p367-70

BRILL'S disease. The Typhus fever

BRIQUET, Charles Moïse, 1839-1918

Briquet, Charles Moïse. Briquet's opuscula; the complete works of C. M. B. without Les filigranes. Paper pub. soc. '55 403p

BRIQUETS (fuel)

Brennstofftechnische gesellschaft in der Deutschen Demokratischen Republik. 100 jahre braunkohlenbrikettierung; ed. Helmut Franz. Knapp '58 incl bibliog

BRISSON, Pierre, 1896-

Œuvres de Pierre Brisson. Biblio 25:9 Ag '57

BRISTOL, England

Little, Bryan D. G. City and county of Bristol; a study in Atlantic civilisation. Laurie '54 p363-78

BRITISH Caribbean federation. See West Indies (federation)

BRITISH COLUMBIA

Kelsey, Vera. British Columbia rides a star. Harper '58 p299-301

BRITISH commonwealth of nations. See Commonwealth of nations

BRITISH dominions. See Commonwealth of nations

BRITISH EAST AFRICA

Languages

Whiteley, W. H. and Gutkind, A. E. Linguistic bibliography of East Africa. East African Swahili com; East African inst. of social research '54 62p

—rev ed East African Swahili com. '58 1v

BRITISH empire. See Commonwealth of nations

BRITISH HONDURAS

Bianchi, William J. Belize; the controversy between Guatemala and Great Britain over the territory of British Honduras in Central America. Las Americas pub. co. '59 p 138-42

BRITISH in India

Griffiths, Sir Percival Joseph. British impact on India. Macdonald '52 p489-500

BRITISH in Tangier

Luke, John. Tangier at high tide: the journal of John Luke, 1670-1673; ed. by Helen Andrews Kaufman; with the collaboration of Paul Kaufman. Droz '58 p233-4 annot

BRITISH MALAYA. See Federation of Malaya

BRITISH WEST INDIES FEDERATION. See West Indies (federation)

BRITTANY

Description and travel

Hayhurst-France, Atherton. Province by the sea; romantic & strange Brittany. Celtic press '56 p221-2

BRITTEN, Benjamin, 1913-

Benjamin Britten. (Musik der zeit, no7) Boosey & Hawkes '54 p61

BRITZELMAYR, Wilhelm August, 1892-

Menne, Albert, and others, eds. Kontrolliertes denken; untersuchungen zum logikkalkül und zur logik der einzelwissenschaften [festschrift für Wilhelm Britzelmayr] Alber '51 p 120-2

BROADCASTING. See Radio broadcasting; Television broadcasting

BROADSIDES

Alfau Durán, Vetilio. Hojas sueltas; contribución a la bibliografía dominicana. The author '56 xxxvii p

BROME county, Quebec

History

Sources

Brome county historical society. Knowlton, Quebec. Collections of the Brome County historical society; preliminary inventory; comp. by Homer A. Mitchell. Public archives of Canada '54 99p

BROMFIELD, Louis, 1896-1956

Brown, Morrison. Louis Bromfield and his books; an evaluation. Essential bks. '57 p 152-63

BRONCHI

Cancer

Wiklund, Thure. Bronchiogenic carcinoma; a clinical study of 259 cases, 100 of which were resected; follow-up study of the resected cases. (Sup 162) Acta chirurgica scandinavica '51 p 138-52

Diseases

Métras, Henri, and others. Le cathétérisme bronchique; préf. de M le docteur Isemein. 2d ed Vigot frères '53 incl bibliog

Radiography

Esser, Claus. Topographische ausdeutung der bronchien im röntgenbild; unter besonderer berücksichtigung des raumfaktors. 2d rev & enl ed (Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern; Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin, diagnostik, physik, biologie, therapie. Ergänzungsbd. 66) Thieme '57 p203-10

Métras, Henri, and others. Le cathétérisme bronchique; préf. de M le docteur Isemein. 2d ed Vigot frères '53 incl bibliog

Tumors

Carlens, Eric, and others. Bronchial adenoma; a rep. of 70 cases and a critical analysis of the literature [tr. from the Swedish by Erica Odelberg] (Sup 185) Acta chirurgica scandinavica '54 p54-5

BRONCHITIS

Schepers, G. W. H. Industrial asthma and bronchitis. Ind Med 24:60-1 F '55

BRONCHOSCOPE and bronchoscopy

Autio, Ville. Bronchospirometric studies relating to a radiographic method for determining differential vital capacity. (Sup329) Acta medica scandinavica '57 p99-104

BRONTË, Charlotte, 1816-1855

Crompton, Margaret. Passionate search; a life of Charlotte Brontë. McKay '56 p243

BRONTË, Emily Jane, 1818-1848

Crandall, Norma. Emily Brontë; a psychological portrait. Smith '57 p 152-60

- BRONTË family**
Gérin, Winifred. Anne Brontë. Nelson '59 p351-2
- Bronze age**
Bosch-Gimpera, P. La edad del bronce de la península Ibérica. Archivo Esp Arqueol 27 no89-90:90-2 '54
Sandars, Nancy K. Bronze age cultures in France; the later phases from the thirteenth to the seventh cent. B.C. Cambridge '57 p381-95
- BRONZES, Ancient**
Cheng, C. F. and Schwittler, C. M. Nickel in ancient bronzes. Am J Archaeol 61:363-5 O '57
Raven-Hart, R. Casting-technique of certain Greek bronzes. J Hell Stud 78:90-1 '58
- BRONZES, Chinese**
Peking. National palace museum. Chinese bronze age weapons; the Werner Jannings collection in the Chinese national palace museum, Peking, by Max Loehr. Univ. of Mich. press '56 p213-24
St Louis. City art museum. Early Chinese bronzes in the City art museum of St Louis, by J. Edward Kidder. The museum '56 p 107-10
- BROOKE, Rupert, 1887-1915**
Keynes, Sir Geoffrey Langdon. Bibliography of Rupert Brooke. (Soho bibliogs, 4) Hart-Davis '54 147p
—Same. 2d rev ed (Soho bibliogs, 4) Hart-Davis '59 158p
- BROOKS, Charles Ernest Pelham, 1888-1957**
Rigby, M. K. and Rigby, M. Annotated bibliography on selected works of Charles Ernest Pelham Brooks. Meteorol Abst & Bibliog 10:99-130 Ja '59 annot
- BROWN, George Douglas, 1869-1902**
Veitch, James. George Douglas Brown; with a foreword by Walter Elliot. Jenkins '52 p 189
- BROWN, Guillermo, 1777-1857**
Burzio, Humberto F. ed. Impresos navales, 1814-1829. Comisión nacional de homenaje al almirante Guillermo Brown '57 24p
- BROWN rot**
Byrde, R. J. W. Varietal resistance of fruits to brown rot. J Hort Sci 31:194-5; 32:237-8 Jl '56, O '57
Wade, G. C. Investigations on brown rot of apricots caused by sclerotinia fructicola (Wint.) Rehm. Australian J Ag Res 7:514-15, 525-6 N '56
- BROWNING, Elizabeth (Barrett) 1806-1861**
Taplin, Gardner B. Life of Elizabeth Barrett Browning. Yale univ. press '57 p455-66
- BROWNING, Robert, 1812-1889**
Bryson, John. Browning. (Bibliog. ser. of sups. to British bk. news, no 106) Longmans '59 p40-4 annot
- BROWNING**
Keeney, M. and Bassette, R. Detection of intermediate compounds in the early stages of browning reaction in milk products. J Dairy Sci 42:959-60 Je '59
Patton, S. Browning and associated changes in milk and its products: a review. J Dairy Sci 38:473-8 My '55
- BROWNSON, Orestes Augustus, 1803-1876**
Malone, George K. True church: a study in the apologetics of Orestes Augustus Brownson. (Dissertationes ad lauream, 29) Faculty of theology, St Mary of the Lake seminary '57 p 110-14
- BRUCELLA**
Elberg, S. S. and Faunce, K. Immunization against brucella infection. J Bact 73:216-17 F '57
Gerhardt, P. Nutrition of brucellae. Bact R 22:94-8 Je '58
Richardson, M. Cytochrome oxidase in cells of the genus brucella. J Bact 74:705-6 D '57
- BRUCELLOSIS**
Löffler, Wilhelm, and others. Die brucellose als anthro-po-zoonose; febris undulans; eine zusammenfassende darstellung für ärzte und tierärzte. Springer '55 p 143-66
Spink, Wesley William. Nature of brucellosis. Univ. of Minn. press '56 p419-55
Villafane Lastra, T. de and Griggs, J. F. Brucellosis as a cause of herniated disk and spondylitis. Ind Med 26:129 Mr '57
- BRUCELLOSIS in animals**
Brünn. Universita. Knihovna. Československá literatura o brucellose [sest. Otakar Libal] (Výběrový seznam, 9) The library '55 12p
- Löffler, Wilhelm, and others. Die brucellose als anthro-po-zoonose; febris undulans; eine zusammenfassende darstellung für ärzte und tierärzte. Springer '55 p 143-66
Tallman, K. K. and Herman, H. A. Adaptations and limitations of ring test for bovine brucellosis. (Research bul. 546) Agricultural experiment station, College of agriculture, Univ. of Mo. '54 p41-3
- BRUCKNER, Anton, 1824-1896**
Redlich, Hans Ferdinand. Bruckner and Mahler. (Master musicians) Farrar, Straus '55 p286-90
- BRUNEAU, Charles, 1883-**
Mélanges de linguistique française offerts à M Charles Bruneau, professeur à la Sorbonne. (Société de pubs. romanes et françaises. Pubs. 45) Droz '54 p v-x
- BRUNEL, Clovis Felix, 1884-**
Recueil de travaux offert à Clovis Brunel, membre de l'Institut, directeur honoraire de l'Ecole des chartes, par ses amis, collègues et élèves. (Mémoires et docs, 12) Soc. de l'Ecole des chartes '55 2v v 1, p xi-xxxix
- BRUNETIÈRE, Ferdinand, 1849-1906**
Clark, John Gwynne. La pensée de Ferdinand Brunetière. Librairie Nizet '54 p209-19
- BRUNNER, Constantin, 1862-1937**
Bickel, Lothar. Wirklichkeit und wahrheit des denkens. Diana verlag '53 p275
- BRUNNER, Karl, 1887-**
Korninger, Siegfried, ed. Studies in English language and literature, presented to Prof. Dr. Karl Brunner on the occasion of his seventieth birthday (bibliog. by K. Lumpin) (Wiener beiträge zur englischen philologie, v65) Braumüller '57 p284-90
- BRUNO, Giordano, 1548-1600**
Nelson, John Charles. Renaissance theory of love; the context of Giordano Bruno's Eroici furori. Columbia univ. press '58 p271-4
Salvestrini, Virgilio. Bibliografia di Giordano Bruno (1582-1950) 2d ed. postuma a cura di Luigi Firpo. (Biblioteca bibliog. italiana, 12) Sansoni '58 407p
- BRUSIN, Giovanni, 1883-**
Studi aquileiesi offerti il 7 ottobre 1953 a Giovanni Brusin nel suo 70. compleanno. Associazione nazionale per Aquileia '53 p ix-xiv
- BRYOLOGY. See Mosses**
- BRYOPHYTES. See Mosses**
- BRYOZOA**
Maturo, F. J. S. Study of the bryozoa of Beaufort, North Carolina, and vicinity. Elisha Mitchell Sci Soc J 73:64-8 My '57
Osborn, Raymond Carroll. Bryozoa of the Pacific coast of America. (Los Angeles. Univ. of Southern Calif. Allan Hancock foundation for scientific research. Allan Hancock Pacific expeditions. Reps, v 14, no 1-3) Univ. of Southern Calif. press '50-'53 3v incl bibliog
- BRYOZOA, Fossil**
Elias, Maxim Konradovich and Condra, George Evert. Fenestella from the Permian of west Texas. (Memoir 70) Geological soc. of Am. '57 p 119-24
Yang, K. C. Middle Devonian bryozoa from the Heitai formation of Mishan county, Kirin province. Scientia Sinica 5:792-3 D '56
- BUBER, Martin, 1878-**
Friedman, Maurice S. Martin Buber; the life of dialogue. Univ. of Chicago press '56 p283-98
- BUBONIC plague. See Plague**
- BUCCANEERS**
See also
Filibusters
Pirates
- BUCER, Martin. See Butzer, M.**
- BÜCHLER, Adolf, 1867-1939**
Büchler, Adolf. Studies in Jewish history; the Adolf Büchler memorial volume, ed. by I. Brodie and J. Rabinowitz. (Jews' college. Pubs, new ser, no 1) Oxford '56 p xxiii-xxx
- BÜCHNER, Georg, 1813-1837**
Büchner, Georg. Dantons tod, and Woyzeck; ed. with introd. and notes by Margaret Jacobs. Manchester univ. press '54 p xxxiii-xxxiv

BÜCHNER, Georg—Continued

Gunkel, R. Georg Büchner und der dandysmus. (Studia litteraria Rheno-Traiectina, v2) Kemink '53 p 101-4

Oppel, H. Stand und aufgaben der Büchner-forschung. Euphorion 49 no 1:91-109 '56

BÜCHSEL, Friedrich, 1883-

Fiedler, M. J. Bibliographie Friedrich Büchsel. Theol Literaturz 82:311-16 Ap '57

BUCK, Pearl (Sydenstricker) 1892-

Brenni, V. J. Pearl Buck: a selected bibliography. Bul Bibliog 22:65-9, 94-6 My-S '57

BUDAPEST

Budapest. Fővárosi Szabó Ervin könyvtár. Fővárosunk Budapest: válogatott művek bibliográfiája. The library '55 156p

Pécsi, Márton, and others, eds. Budapest természeti képe. (Budapest földrajza, 1) Akad. kiadó '58 incl bibliog

BUDDHA and Buddhism

Bahn, Archie J. Philosophy of the Buddha. Harper '58 p 163-6

Fausset, Hugh I'Anson. Flame and the light; meanings in Vedanta and Buddhism. Abe-lard-Schuman '58 p229-32

Ganhar, J. N. and Ganhar, P. N. Buddhism in Kashmir & Ladakh. The authors '5-? p237-8

Morgan, Kenneth William, ed. Path of the Buddha; Buddhism interpreted by Bud-dhists. Ronald '56 p401-5

Muses, Charles Arthur. East—West fire; Schopenhauer's optimism and the Lanka-vatara sutra; an excursion toward the com-mon ground between oriental and western religion. Falcon's wing press '55 p64-7

Snellgrove, David L. Buddhist Himalaya; travels and studies in quest of the origins and nature of Tibetan religion. Philosophical lib. '57 p303-5

Suzuki, Beatrice (Lane). Mahayana Bud-dhism; with an introd. by D. T. Suzuki and a foreword by Christmas Humphreys. 3d ed Macmillan '59 p 135-40, 147

Ward, Charles Henry Spurgeon. Buddhism. rev ed (Great religions of the East) Ep-worth '47-'52 2v v 1, p 130-4; v2, p210-11

Wright, Arthur F. Buddhism in Chinese history. (Stanford studies in the civilizations of eastern Asia) Stanford univ. press '59 p 129-38 annot

See also

Ājivikas

Art, Buddhist

Christianity and other religions—Buddhism

Philosophy, Buddhist

BUDDHIST sects

Bareau, André. Les sectes bouddhiques du petit véhicule. (Pubs, v38) Ecole française d'Extrême-Orient '55 p 10-12

See also

Zen (sect)

BUDGET

Poland

Skrzypek, S. Principles of the budgetary system in Poland. Polish R 1:54-5 Winter '56

BUDGET, Business

Conseil supérieur de l'Ordre des experts comptables et des comptables agréés. Le budget de l'entreprise et le contrôle budgétaire. The council '56 p 145-6

Thomas, William Edgar, ed. Readings in cost accounting, budgeting, and control; sponsored by and pub. under the auspices of Am. accounting association. South-West-ern pub. '55 p778-85

BUDGET, Household

Nickell, Paulena, and Dorsey, Jean (Muir). Management in family living; with the collaboration of Marie Budolfson. 3d ed Wiley '59 incl bibliog

BUDS

Downs, R. J. Photoreversibility of flower initiation. Plant Physiol 31:283-4 Jl '56

Kundu, B. C. and Rao, N. S. Origin and de-velopment of axillary buds in jute (cor-chorus capsularis) Ann Bot 18:373-4 Jl '54

BUFFALOES

Duncan, Bob. Buffalo country. Dutton '59 p255-6

Gard, Wayne. Great buffalo hunt. Knopf '59 p308-24

BUFFON, Georges Louis Leclerc, comte de, 1707-1788

Genet-Varcin, E. and Roger, J. Bibliographie de Buffon. (In Buffon, Georges Louis Leclerc, comte de. Œuvres philosophiques; texte établi et présenté par Jean Piveteau, avec la collaboration de Maurice Fréchet et Charles Bruneau. Presses univ. de France '54 p 513-75)

BUILDING

Articles, books, and research papers. See numbers of Constructional review

Bibliographie. See numbers of Architecture d'aujourd'hui

Great Britain. Department of scientific and industrial research. Building research board. Building science abstracts. The board. See numbers

Library association. County libraries section. Building. (Readings' guide, new ser, no23) The section '56 38p

National association of home builders of the United States. National housing center. Li-brary. Basic texts and reference books on housing and construction; a sel. annot. bib-liography. (Bibliog. ser, no2) The associa-tion '56 52p annot

National research council. Building research advisory board. BRAB building science di-rectory; a directory of reference works, abstracts and technical periodicals. The board '53? 11p

Nobel, Louise D. C. Selected bibliography on building construction and maintenance. (U. S. Nat. bur. of standards. Building materials and structures rep. 140) U. S. Gov. ptg. office '54 35p

—Same 2d ed. by Edith R. Meggers. (U.S. Nat. bur. of standards. Building materials and structures rep. 140) U.S. Gov. ptg. office '56 40p

—Same; 3d ed (U.S. Nat. bur. of standards. Building materials and structures rep. 140) U.S. Gov. ptg. office '59 30p

Organization for European economic coopera-tion. Les problèmes de la construction d'hiver; techniques observées en Suède et au Danemark; rapport de la Mission d'as-sistance technique no 70. The organization '53 p 114-18

Technical bibliography. See numbers of American institute of architects. Journal

See also

Arches

Architectural acoustics

Architecture

Concrete construction

Earthquakes and building

Engineering

Foundations

Girders

Masonry

Roofs

Trusses

Walls

Wood construction

Estimates

Byggeriets beregningsinstitut. Copenhagen. Betænkning vedrørende overdragelse og afregning af byggearbejder; en undersøgelse med henblik på indførelse af mængde-fortegnelsen som udbuds- og kontrakts-dokument. Report on an investigation of quantity surveying; with an English sum-mary. The institute '55 p 134-96

London. Science museum. Science library. Some references to estimates and costs of civil engineering and building work, 1940-1953. (Bibliog. ser, no 736) The library '55 2p

See also

Mortgages

Finance**Standards**

See also

Modular coordination (architecture)

Statistics

United nations. Economic commission for Europe. Bibliography on studies and sta-tistical methods relating to housing and building. The commission '56 12p

BUILDING laws and regulations

National association of home builders. Na-tional housing center. Library. Building codes; a sel. of sel. references. (Bibliog. ser, no3) The association '58 135p annot

BUILDING machinery

Walch, Otto. Baumaschinen und baueinrichtungen. Springer '56 p293-6

BUILDING materials

Great Britain. Department of scientific and industrial research. Building research board. Building science abstracts. The board. See numbers

Hungary. Műszaki dokumentációs központ. Építőanyagipar. (Műszaki dokumentációs központ és központtechnológiai könyvtár ajánló bibliog. 7) Könyvkiadó '52 96p

Mills, Adelbert Philo. Materials of construction; their manufacture and properties; 6th ed, rewritten and ed. by Lloyd F. Rader. Wiley '55 incl bibliog

United States. Housing and home finance agency. International housing activities staff. Earth for homes; prepared for the use of United States operations missions. (Ideas and methods exchange, no22) The agency '55 p 1-16 (at end)
See also

Aggregates (building materials)

Asbestos

Bricks

Cement

Concrete

Concrete, Reinforced

Roofing

Steel, Structural

Timber

Wall board

Wood

Testing

American society for testing materials. Symposium on methods of testing building constructions; presented at the 57th annual meeting [of the] Society, Chicago, June 17-18, 1954. (Special technical pub. no 166) The society '55 incl bibliog

BUILDING trades

Haber, William, and Levinson, Harold Myer. Labor relations and productivity in the building trades. (Rep. no6) Bur. of industrial relations, Univ. of Mich. '56 p255-60

BUILDINGS, Commercial. See Office buildings

BUILDINGS, Farm. See Farm buildings

BUILDINGS, Prefabricated

Massachusetts institute of technology. Albert Farwell Bemis foundation. International bibliography of prefabricated housing, by Phyllis M. Kelly and Caroline Shillaber. The foundation '54 p i-xi

BUKHARIN, Nikolai Ivanovich, 1888-1939

Heitman, Sidney. Annotated bibliography of Nikolai I. Bukharin's published works. The author '58 39p

BUKOFZER, Manfred F. 1910-1955

Boyden, D. D. In memoriam: Manfred F. Bukofzer, 1910-1955 [with bibliog. by V. Duckles] Mus Q 42:297-301 J1 '56

BULBS**Diseases and pests**

Great Britain. Ministry of agriculture, fisheries and food. Narcissus pests. (Bul. no51) H.M.S.O. '58 p36-7

BULGARIA

Dellin, L. A. D. ed. Bulgaria. (East-Central Europe under the Communists; Praeger pubs. in Russian history and world communism, no47) Praeger '57 p413-36

BULL fights

Uriarte, Luis. Toros y toreros en 1947 a 1950; resumen estadístico, apreciación crítica y notas gráficas de dichas temporadas [por] Don Luis [pseud] Editorial Pueyo-Arenal '51 p625-31

BULLETIN boards

Dent, Charles Herger, and Tiemann, Ernest F. Bulletin boards for teaching. (Bridges for ideas, no2) Visual instruction bur. Div. of extension, Univ. of Tex. '55 p34-8

BULLON Y FERNÁNDEZ, Eloy, marqués de

Selva Alegre, 1879-1957
Sánchez Cantón, F. J. Exmo. señor Don Eloy Bullón, marqués de Selva Alegre. Acad Hist Ból 140:429-31 Ap '57

BULLOUGH, Edward, 1880-1934

Bullough, Edward. Aesthetics: lectures and essays; ed. with an introd. by Elizabeth M. Wilkinson. Stanford univ. press '57 p xlii-xv

BÜLOW, Bernhard Heinrich Martin Karl, fürst von, 1849-1929

Hiller von Gaertringen, Friedrich, freiherr. Fürst Bülow's Denkwürdigkeiten; untersuchungen zu ihrer entstehungsgeschichte und ihrer kritik. (Tübinger studien zur geschichte und politik, no5) Mohr '56 p337-48

BULTMANN, Rudolf Karl, 1884-

Bultmann, Rudolf Karl. Jesus Christ and mythology. Scribner '58 p95-6

Marlé, René. Bultmann et l'interprétation du Nouveau Testament. (Théologie, 33) Eds. Montaigne '56 p 189-95

BUMBLEBEES

Free, John B. and Butler, Colin Gasking. Bumblebees; with two apps. by Ian H. H. Yarrow. (New naturalist ser) Macmillan '59 p 190-7

BUNCHE, Ralph Johnson, 1904-

Shuster, R. Ralph J. Bunche: United nations mediator. Negro Hist Bul 19:176+ My '56

BUNSEN, Christian Karl Josias, freiherr von, 1791-1860

Höcker, Wilma. Der gesandte Bunsen als vermittler zwischen Deutschland und England. (Göttinger bausteine zur geschichtswissenschaft, no 1) Musterschmidt '51 p 149-55

BUNYAN, John, 1628-1688

Bedford, England (Bedfordshire) Bunyan meeting. Catalogue of the Bunyan meeting library and museum, Bedford, by Cyril Hargreaves and Margaret Greenshields. Bunyan meeting '56 43p

Talon, Henri Antoine. John Bunyan. (Bibliog. ser. of sups. to British bk. news, no73) Longmans '56 40p

BURCHFIELD, Charles Ephraim, 1893-

Baur, John Ireland Howe. Charles Burchfield; pub. for the Whitney museum of Am. art. Macmillan '56 p82-5
Whitney museum of American art, New York, Charles Burchfield, The museum '56 p 19-22

BURCKHARDT, Jacob Christoph, 1818-1897

Leyh, G. Die historischen hauptwerke Jacob Burckhardts; eine bibliog. studie. Nordisk Tids Bok & Bib 45 no2:49-60 '58 annot

BUREAUCRACY

Gladden, Edgar Norman. Civil service or bureaucracy? De Graff '56 p213-20 annot
Gouldner, Alvin Ward. Patterns of industrial bureaucracy. (Int. lib. of sociology and social reconstruction) Routledge '55 p271-8

BURGESS, George Kimball, 1874-1932

Briggs, L. J. and Brode, W. R. George Kimball Burgess, 1874-1932. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p66-72)

BURGIN, Miron, 1900-1957

Whitaker, A. P. Miron Burgin, 1900-1957. Hispan Am Hist R 37:342-5 Ag '57

BURGUNDY**History**

Brauer, Hildburg (Gramm). Der Landvogt Peter von Hagenbach; die burgundische herrschaft am Oberrhein, 1469-1474. (Göttinger bausteine zur geschichtswissenschaft, v27) Musterschmidt-verlag '57 p361-79

Richard, Jean. Les ducs de Bourgogne et la formation du Duché du XI^e au XIV^e siècle. (Dijon. Univ. Pubs, new ser, 12) Les Belles lettres '54 p xv-xxxviii

BURIAL

See also

Ship burial

BURIAL customs. See Funeral rites and ceremonies

BURIED treasure. See Treasure trove

BURKE, Edmund, 1729-1797

Burke, Edmund. Philosophical enquiry into the origin of our ideas of the sublime and beautiful; ed. with an introd. and notes by J. T. Boulton. Columbia univ. press '58 p 179-82

Hoffman, Ross John Swartz. Edmund Burke, New York agent; with his letters to the New York assembly and intimate correspondence with Charles O'Hara, 1761-1776. (Memoirs, v41) Am. philosophical soc. '56 p616-19

Stanlis, Peter J. Edmund Burke and the natural law. Univ. of Mich. press '58 p259-64
Utlley, Thomas Edwin. Edmund Burke. (Bibliog. ser. of sups. to British bk. news, no87) Longmans '57 p33-6

- BURKE, Kenneth, 1897-**
Holland, Laura Virginia. Counterpoint: Kenneth Burke and Aristotle's theories of rhetoric. Philosophical lib. '59 p 109-11
- BURLAP, See Jute**
- BURLESQUE**
See also
Parodies, English
- BURLINGTON strike, 1888**
McMurry, Donald Le Crone. Great Burlington strike of 1888; a case history in labor relations. (Studies in economic history) Harvard univ. press '56 p313-22
- BURMA**
Furnivall, John Sydenham. Colonial policy and practice; a comparative study of Burma and Netherlands India. N.Y. univ. press '56 p556-8
New York university. Burma research project. Annotated bibliography of Burma; ed. Frank N. Trager. (Behavior science bibliogs) Human relations area files '56 230p
New York university. Burma research project. Chinese language materials relating to Burma, 1931-1953; a bibliog [by] Frank N. Trager, editor. New York univ. press '56 32p
New York university. Burma research project. Japanese and Chinese language sources on Burma: an annotated bibliography: pt 1, Japanese sources by Hyman Kublin; pt2, Chinese sources by Lu-yu Kiang. (Behavior science bibliogs) HRAF press '57 122p
Prague. Universita Karlova. Knihovna. Indie, Barma, Indonesie [výběrový seznam literatury; sest. Miroslav Kaftan] (Čteme a studujeme, 1956, no3) The library '56 15p
Quigley, E. P. Some observations on libraries, manuscripts and books of Burma; from the 3d cent. A.D. to 1886 (with special reference to the Royal lib. of the last king of Burma) foreword by Than Thun. Probsthain '56 p32-4
See also
United nations—Burma
- History**
- Cady, John Frank. History of modern Burma. Cornell univ. press '58 p651-66
Maung Maung, U. Burma in the family of nations; introd. by J. H. W. Verzijl; foreword by Chan Tun Aung. 2d ed rev & enl. Inst. of Pacific relations '57 p235-9
- BURMEISTER, Albert, 1874-1958**
Chuard, J. P. Liste des travaux historiques d'Albert Burmeister. R Hist Vaudoise 66: 193-6 D '58
- BURNABY, Frederick Gustavus, 1842-1885**
Alexander, Michael. True blue: the life and adventures of Colonel Fred Burnaby, 1842-85. St Martins '58 p213-15
- BURNET, Thomas, 1635?-1715**
Macklem, Michael. Anatomy of the world; relations between natural and moral law from Donne to Pope. Univ. of Minn. press '58 p97-9
- BURNEY, Charles, 1726-1814**
Burney, Charles. Eighteenth-century musical tour in France and Italy; being Dr. Charles Burney's account of his musical experiences as it appears in his pub. vol. with which are incorporated his travel experiences according to his original intention; ed. by Percy A. Scholes. Oxford '59 p327-8
- BURNING of land**
Hodgkins, E. J. Effects of fire on undergrowth vegetation in upland southern pine forests. Ecology 39:45-6 Ja '58
Sweeney, James R. Responses of vegetation to fire: a study of the herbaceous vegetation following chaparral fires. (Calif. Univ. Pubs. in botany, v28, no4) Univ. of Calif. press '56 p213-16
Vlamin, J. and others. Effects of prescribed burning on soil fertility in second growth ponderosa pine. J For 53:909 D '55
Weaver, H. Fire as an enemy, friend, and tool in forest management. J For 53:504 JI '55
- BURNS, Robert, 1759-1796**
Daiches, David. Robert Burns. (Bibliog. ser. of sups. to British bk. news, no88) Longmans '57 p35-9
McVie, John. Burns federation: a bi-centenary review. Kilmarnock standard ltd. '59 p 103-10
Mitchell library, Glasgow. Catalogue of Robert Burns collection. The libraries '59 217p
- BURNS and scalds**
Allgöwer, Martin, and Siegrist, J. Verbrennungen; pathophysiologie, pathologie, klinik, therapie; mit beiträgen von J. u. J. Baumann-Grace [et al] Springer '57 p250-91
Brown, James Barrett, and McDowell, Frank. Skin grafting. 3d ed Lippincott '58 p358-91
- BURROUGHS, John, 1837-1921**
Swift, Hildegard Hoyt. Edge of April; a biography of John Burroughs. Morrow '57 p311-12
- BURROW, Trigant, 1875-1950**
Burrow, Trigant. Search for man's sanity; the sel. letters of Trigant Burrow, with biographical notes; prepared by the editorial com. of the Lifwynn foundation: William E. Galt, chairman; foreword by Herbert Read. Oxford '58 p595-601
- BURROWS, Edwin Grant, 1891-1958**
Barnett, J. H. Edwin Grant Burrows, 1891-1958. Am Anthropol 61:97-8 F '59
- BURT, Maxwell Struthers, 1882-1954**
Wainwright, D. Check list of the writings of Struthers Burt '04. Princeton Univ Lib Chron 19:123-48 Spring '58 annot
- BUSCH, Wilhelm, 1832-1908**
Lampe, W. Wilhelm-Busch-literatur aus der gegenwart. Wilhelm Busch Gesell Jahrb 1955:75-9 '55
- BUSHMAN languages**
Bleek, Dorothea Frances. Bushman dictionary. (Am. Oriental ser, v41) Am. Oriental soc. '56 11th-12th prelim p
- BUSINESS**
Business and technology sources. Business & technology dept, Cleveland public library.
See numbers
Business books of 1955-1956-1958-1959 Lib J 81:1101-6; 82:1165-9; 83:1346-50; 84:1407-13
My 1 '56, My 1 '57, My 1 '58, My 1 '59 annot
Business literature. Public lib. of Newark, N.J. See numbers
Business methods literature. Keith business lib. See numbers
Business periodicals index. Wilson. See numbers
Cain, A. N. Business books for a basic collection. Ont Lib R 37:41-4 F '53
—Supplement. Ont Lib R 38:55-8 F '54; 39:28-30 F '55
Canadian business and technical index. Reference sec, Toronto public libs. See numbers
Craf, John Riley. Introduction to business. Holt '57 incl bibliog
Daniels, Lorna M. Studies in enterprise; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen. Baker lib. Graduate school of business adm, Harvard univ. '57 169p annot
Dartmouth college. Amos Tuck school of business administration. Reading list on business administration. 7th rev The school '58 68p annot
Georgi, Charlotte. Business & economics library for \$25.00. Interlib. center, Univ. of N.C. lib. '58 5p annot
Georgi, C. Business and economics in paperback books. Lib J 83:1131-6 Ap 15 '58
Georgi, C. Business and economics in paperback books, 1959. Lib J 84:2564-70 S 15 '59
Georgi, C. Business—economics library for just \$25. Lib J 83:3059-61 N 1 '58 annot
Glos, Raymond Eugene, and Baker, Harold Atherton. Introduction to business; a textbk. for the first course in business on the collegiate level. 3d ed Southwestern pub. '55 incl bibliog
—Same; 4th ed Southwestern pub. '59 incl bibliog
Hanson, A. O. Significant business literature, 1957. Sp Lib 49:58-65 F '58
Harvard university. Graduate school of business administration. Baker library. Business literature: a reading list for students and businessmen. (Reference list no 17) The library '55 22p
—Same; comp. by Harriette L. Williams, rev ed (Reference list no 17) The library '59 31p
Harvard university. Graduate school of business administration. Baker library. Kress library of business and economics. Catalogue, 1777-1817, giving data also upon cognate items in other Harvard libraries. Bailey & Swinfen '57 397p
Industrial arts index; subject index to a sel. list of engineering, trade and business periodicals. Wilson. See numbers thru 1957

BUSINESS—Continued

- Kemp, L. M. and White, C. M. Basic sources of business information. Sp Lib 49:160-3 Ap '58
- Knauth, Oswald Whitman. Business practices, trade position, and competition. Columbia univ. press '56 p 179-81
- Manley, Marian Catherine. Business information; how to find and use it. Harper '55 265p annot
- Mauser, Ferdinand F. and Schwartz, David J. Introduction to American business. Am. bk. co. '56 incl bibliog
- Newman, William Herman. Business policies and management; 4th ed. by [the author] and James P. Logan. South-western pub. '59 p977-83
- North Carolina. University. Business administration and economics library. Paperbound books in business and economics; a bibliography. (No 1-3) The library '56-'58 3v
- Pennsylvania. Department of public instruction. General business for business education departments in Pennsylvania's public schools. (Bul. 272) The department '56 p21-7
- Rubin, Axel. Affärsmannens uppslagsverk; en bibliografisk sammanställning av aktuell nordisk företags ekonomisk litteratur. Yrkeshandböcker '54 31p
- Shepherd, Hilton D. and others. Introduction to modern business. 2d ed Prentice-Hall '55 incl bibliog
- Same; 3d ed [by] Vernon A. Musselman [and] Eugene H. Hughes. Prentice-Hall '59 incl bibliog
- Tonne, Herbert Arthur, and others. Methods of teaching business subjects. 2d ed Gregg '57 incl bibliog
- United States. International cooperation administration. Office of industrial resources. Literature recommendations; a bibliog. of business and economics paperbound books. The office '58 28p
- Yingco, A. Q. Fifty new books for a business library. Univ East Bsns R 1:111-22 Je '58
- See also
Accounting
Advertising
Auditing
Commerce
Competition
Corporations
Credit
Entrepreneur
Instalment plan
Mail order business
Marketing
Profit
Purchasing
Real estate business
Salesmen and salesmanship
Wealth
- History**
- Cole, Arthur Harrison. Historical development of economic and business literature. (Kress lib. of business and economics. Pub. no 12) Baker lib, Graduate school of business adm, Harvard univ. '57 56p
- Cole, A. H. Conspectus for a history of economic and business literature. J Econ Hist 17:333-88 S '57
- Hutchins, J. G. B. Recent contributions to business history: the United States. J Econ Hist 19:103-21 Mr '59
- Oklahoma. University. Library. Harry W. Bass collection in business history; a check list of the bks. and other materials; comp. by Arthur M. McNally. 2d ed The library '57 135p
- Periodicals**
- Harvard university. Graduate school of business administration. Baker library. Magazines for the business executive. rev ed (Reference list no3) The library '55 7p
- Reynolds, B. New Jersey business periodicals. Bsns Lit 28:111-2 D '55 annot
- Small business**
- Basil, Douglas Constantine. Organization and control of the smaller enterprise. (Minn. Univ. Studies in economics and business, no20) Univ. of Minn. press '59 p83-97
- Favor, Homer E. Are you going into business? 100 representative references on starting or expanding a small business. Bur. of business research, Univ. of Pittsburgh '55 28p annot
- Same. rev ed Bur. of business research, Univ. of Pittsburgh '56 16p annot

- Kelley, Pearce Clement, and Lawyer, Kenneth. How to organize and operate a small business. 2d ed Prentice-Hall '55 p693-6
- McKean, Eugene C. Persistence of small business; a study of unincorporated enterprise. W. E. Upjohn inst. for community research '58 p57-65
- Organization for European economic cooperation. European productivity agency. Budgetary control; an effective tool for the management of small and medium-sized enterprises. (Project no 172) The agency '59 p63-5
- Phillips, Joseph Dexter. Little business in the American economy. (Ill. studies in the social sciences, v42) Univ. of Ill. press '58 p 122-30
- Pittsburgh. University. Bureau of business research. Small business bibliography; comp. by John T. Walter [and others] The bureau '55 304p
- Same. 2d ed The bureau '58 209p
- Temkin, E. A. Organizing and operating a small retail store. Bsns Lit 29:138-9 Mr '57 annot
- BUSINESS conditions**
- Meisel, Sherman Joseph. Fluctuations, growth, and forecasting; the principles of dynamic business economics. Wiley '57 incl bibliog
- BUSINESS consolidations and mergers**
- Mergers; or business consolidations. Bsns Inform Sources 27:5-8 Ap '56
- BUSINESS cycles**
- Estey, James Arthur. Business cycles: their nature, cause, and control. 3d ed (Prentice-Hall economic ser) Prentice-Hall '56 p 137-8, 296-7, 481-2 annot
- European coal and steel community. High authority. Bibliothèque. Problèmes de la recession, 1953-1958. (Bibliog. de la Haute autorité, 16) The library '58 41p
- Fellner, William John. Trends and cycles in economic activity; an introd. to problems of economic growth. Holt '56 incl bibliog
- Imbert, Gaston. Des mouvements de longue durée Kondratieff. The author '56 3v v3, p 170-91
- Johns Hopkins university. Department of political economy. Basic lists in special fields; 4, Business fluctuations. (Economics lib. sels, ser2, no4) The department '57 32p annot
- Jöhr, Walter Adolf. Die konjunkturschwankungen. (His Theoretische Grundlagen der wirtschaftspolitik, v2; St. Galler wirtschaftspolitik, v2; St. Galler wirtschaftswissenschaftliche forschungen, v 1, II) Mohr '52 incl bibliog
- Link, Robert Grant. English theories of economic fluctuations, 1815-1848. (Columbia studies in the social sciences, no598) Columbia univ. press '59 p211-22
- Mieth, Wolfram. Das akzelerationsprinzip. (Volkswirtschaftliche schriften, no 14) Duncker & Humblot '54 p 114-18
- Smith, Edgar Lawrence. Common stocks and business cycles; a practical analysis of the basic causes and patterns of cyclical behavior in economic series. William-Fredrick press '59 p217-20
- See also
Business forecasting
Multiplier principle (economics)
- BUSINESS districts**
- See also
Industrial districts
- BUSINESS education**
- American business education yearbook, 1954[-1959] (V 11-16) Nat. business education assn. & Eastern business teachers assn. '54-'59 6v incl bibliog
- Business education index. 1954-[1958] index to business education articles comp. from a sel. list of periodicals and yearbooks pub. during the year 1954[-1958] Gregg '55-'59 5v
- California. Bureau of elementary education. General business in the education of young adolescents; comp. by Lloyd E. Bevans and Bernardine Bell. (Bul. v24, no7) Calif. state dept. of education '55 p62-85
- Delta pi epsilon. Service projects committee. Free and inexpensive business education materials. (Monograph no94) South-western pub. co. '56 91p
- Delta pi epsilon selected bibliography for business education—1954[-1955] J Bsns Educ 30:315-16; 31:309 Ap '55, Ap '56 annot
- Same. Bal Sheet 36:350-2; 37:362-3 Ap '55, Ap '56

BUSINESS education—Continued

- Douglas, Lloyd Virgil, and others. Teaching business subjects. (Prentice-Hall education ser) Prentice-Hall '58 incl bibliog
- New York (city). Board of education. Clerical practice for high schools. (Curriculum bul. 1955-56 ser, no4) The board '56 p74-81
- Oregon. University. School of education. Handbook of business education; prepared by Portland public schools. (Curriculum bul. no 195) The school '59 incl bibliog
- Pennsylvania. Department of public instruction. Equipment and layout for business education departments in Pennsylvania's public schools. (Bul. 271-A) The department '55 p25-6
- Research in business education completed or under way, 1955(1958) Nat Bsns Educ Q 24:31-48; 25:31-48; 26:35-55; 27:29-48 Mr '56, Mr '57, Mr '58, Mr '59
- Turille, Stephen J. Principles and methods in business education. McClure print. co. '58 incl bibliog
- Wanous, S. J. Chronology of business education in the United States. UBEA Forum 11: 60 My '57
- See also*
- Distributive education
- Shorthand
- Typewriting

BUSINESS enterprises

- Mueller, Franz. Soziale theorie des betriebes. Duncker & Humblot '52 p218-22
- Riou, Michel. Le fonds de commerce dans les régimes matrimoniaux; préf. de Joseph Hamel, Dalloz '53 p401-5

BUSINESS executives. See Executives**BUSINESS forecasting**

- Benton, Mildred Catherine. Trend analysis: a reading list of bks. and periodical articles. (Bibliog. no7) U.S. Naval research laboratory '55 11p
- Bratt, Elmer Clark. Business forecasting. McGraw '58 p349-57
- Foundation for research on human behavior. Psychological surveys in business forecasting; rep. of a seminar conducted by the Foundation, Ann Arbor, Mich. Jan. 22-23 and Feb. 5-6, 1954. The foundation '54 p35-43
- Genstein, Edgar S. Stock market profit without forecasting; a research rep. on investment by formula. 1956 ed Am. research council '56 p86-90

BUSINESS insurance. See Insurance, Business**BUSINESS law. See Commercial law****BUSINESS management**

- Cornell, William Bouck. Organization and management in industry and business; 4th ed, rev. and rewritten by Huxley Madeheim. Ronald '58 p565-70
- Ewing, Russell H. Business policy and procedure manuals; their purposes, benefits and requirements. Nat. inst. of leadership '58 p 14-15
- Richards, Max De Voe, and Nielander, William A. eds. Readings in management. South-western pub. '58 incl bibliog
- Whatmore, Geoffrey. Business management. (Reader's guide, 3d ser, 4) Nat. bk. league '58 32p annot
- See also*

- Budget, Business
- Office management
- Public relations

BUSINESS men

- Daniells, Lorna M. Studies in enterprise; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen. Baker lib. Graduate school of business adm, Harvard univ. '57 169p annot
- Employers labor relations information committee. Management's political activities; an annot. bibliography. The committee '59 11, 7p

Biography

- Autobiographies of businessmen: titles collected from 1950 to 1958. Explor Entrepreneurial Hist 10:154-61 Ap '58

BUSINESS men in literature

- Purdue university. Libraries. Image of the businessman in America; a sel. of bks. and articles of the decade 1948-1958; prepared by A. N. Barnett for the occasion of the fall meeting, Nov. 7, 1958 of the Ohio-Indiana chapter, Am. studies association. (Bk. list no6a. Sup) The libraries '58 18p

BUSINESS psychology. See Psychology, Industrial**BUSINESS records**

- Neuss, Erich. Aktenkunde der wirtschaft; hrsg. von der Staatlichen archivverwaltung im Staatssekretariat für innere angelegenheiten. (Germany (Democratic Republic, 1949-) Staatliche archivverwaltung. Schriftenreihe, no4-5) Rütten & Loening '54-'56 2v v 1, p319-46; v2, p423-39

BUSINESS research. See Economic research**BUSINESS statistics. See Commercial statistics****BUTANE**

- Reidel, J. C. Butane dehydrogenation today employs fixed-bed methods. Oil & Gas J 55: 122 D 9 '57

BUTLER, Samuel, 1835-1902

- Harkness, Stanley Bates. Career of Samuel Butler, 1835-1902; a bibliography. Bodley Head '55 154p

BUTTER

- De Man, J. M. and Wood, F. W. Hardness of butter. J Dairy Sci 41:367-8; 42:61 Mr '58, Ja '59
- Huebner, V. R. and Thomsen, L. C. Spreadability and hardness of butter. J Dairy Sci 40:838, 846 Jl '57
- Thomsen, Lillian Clara. Whey cream butter. (Research bul. 197) Agricultural experiment station, Univ. of Wis. '56 p 13-16

BUTTERFAT

- Jack, E. L. and Smith, L. M. Chemistry of milk fat. J Dairy Sci 39:18-25 Ja '56
- Kummerow, F. A. Role of butterfat in nutrition and in atherosclerosis. J Dairy Sci 40: 1358-9 O '57

BUTTERFLIES

- Bergmann, Arno. Die grossschmetterlinge Mitteleuropas, unter besonderer berücksichtigung der formenbildung, der vegetation und der lebensgemeinschaften in Thüringen sowie der verflechtung mit der fauna Europas; nach eigenen beobachtungen und versuchen sowie mit verwendung von beiträgen von Arthur Petry und zahlreichen thüringischen entomologen. Urania-verlag '51-55 5v v 1, p9-83; v4, p 14-15
- Brower, L. P. Speciation in butterflies of the papilio glaucus group. Evolution 13:63, 228 Mr-Je '59
- Corbet, Alexander Steven, and Pendlebury, Henry Maurice. Butterflies of the Malay peninsula. 2d ed, rev. by A. Steven Corbet and ed. by N. D. Riley. Oliver '56 p485-92
- Frings, H. and Frings, M. Reactions to sounds by the wood nymph butterfly, cerconis pegala. Entom Soc Am Ann 49:616-17 N '56

*See also***Caterpillars****BUTZER, Martin, 1491-1551**

- Thompson, B. Bucer study since 1918. Church Hist 25:63-82 Mr '56

BUWALDA, John Peter, 1886-1954

- Campbell, I. and Sharp, R. P. Memorial to John Peter Buwalda (1886-1954) Geol Soc Am Proc 1955:111-12 Jl '56

BUXTON, Patrick Alfred, 1892-1955

- Wigglesworth, V. B. Patrick Alfred Buxton, 1892-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p81-4)

BUYING. See Purchasing**BUYTENDIJK, Frederik Jacobus Johannes, 1887-**

- Rencontre, encounter, begegnung; contributions à une psychologie humaine dédiées au professeur F. J. J. Buytendijk. Het spectrum '57 p508-20

BYBEE, Halbert Pleasant, 1888-1957

- Bullard, F. M. Memorial to Halbert Pleasant Bybee. Geol Soc Am Proc 1957:93-4 '58

BYRON, George Gordon Noël Byron, 6th baron, 1788-1824

- Bigland, Eileen. Passion for excitement; the life and personality of the incredible Lord Byron. Coward-McCann '56 p305-6
- Current biography. Keats-Shelley J 4:109-30; 5:117-41; 6:129-57; 7:109-39; 8 no 1:51-86 '55-'59
- Marchand, Leslie A. Byron; a biography. Knopf '57 3v v3, p 149-63

BYZANTINE art. See Art, Byzantine**BYZANTINE empire, 323-1453**

- Diehl, Charles. Byzantium: greatness and decline; tr. from the French by Naomi Walford; with introd. and bibliog. by Peter Charanis. (Rutgers univ. Rutgers Byzantine ser) Rutgers univ. press '57 p301-57 annot

BYZANTINE empire—*Continued*

Ostrogorski, Georgije. *Geschichte des byzantinischen staates*. 2d rev ed (Handbuch der altertumswissenschaft, 12, abt. 1, teil. 2, band; Byzantinisches handbuch, 1. teil. 2. band) Beck '52 incl bibliog

Foreign relations

Geanakoplos, Deno John. *Emperor Michael Palaeologus and the West, 1258-1282; a study in Byzantine-Latin relations*. Harvard univ. press '59 p387-417

BYZANTINE studies

Bibliographie. *R Etudes Byzantines* 13:285-99; 14:240-300; 15:218-88; 16:252-94 '55-'58 annot
Bibliographische notizen und mitteilungen. See numbers of *Byzantinische zeitschrift*
Lemerle, P. *Bulletin archéologique* 4, 1952-1954. *R Etud Byzantines* 13:197-278 '55

C

CABELL, James Branch, 1879-1958

Brewer, Frances Joan, and Brucoli, Matthew J. *James Branch Cabell; with a foreword by James Branch Cabell*. Univ. of Va. press '57 2v v1, p 11-184

CABINET work

See also

Woodwork

CABLE, George Washington, 1844-1925

Butcher, Philip. *George W. Cable: the Northampton years*. Columbia univ. press '59 p261-78

Turner, Arlin. *George W. Cable; a biography*. Duke univ. press '56 p358-72

CABLES, Electric. See Electric cables

CABLES, Submarine

Latimer, K. E. *Problems in long-term component reliability*. *Inst Radio Eng Trans* CP-6:77-81 Je '59

CACAO

Ciferri, R. and Ciferri, F. *Evolution of cultivated cacao*. *Evolution* 11:396-7 D '57

See also

Cocoa

CACTUS

Cutak, Ladislaus. *Cactus guide*. Van Nostrand '56 p 123-34 annot

CADDIS flies

Ross, Herbert Holdsworth. *Evolution and classification of the mountain caddis flies*. Univ. of Ill. press '56 p 196-202

CAFETERIAS. See Restaurants, lunch rooms, etc.

CAFFEIN

Cheney, R. H. and Kaighn, M. E. *Experimental modification of gastrulation in the frog*. *J Exp Zool* 135:498-500 Ag '57

Physiological effect

Ulrich, Rolf. *Der kaffee und das coffein*. Thieme '53 p 65-8

CAJOTAN. See Vio, T. de

CALCIUM

See also

Plants—Calcium content
Plants, Effect of calcium on
Soils—Calcium content

CALCIUM carbonate

Society of economic paleontologists and mineralogists. *Regional aspects of carbonate deposition; a symposium*; ed. by Rufus J. LeBlanc and Julia G. Breeding. (Special pub. no5) The society '57 incl bibliog

CALCIUM chloride

Slate, Floyd Owen, and Johnson, Alfred Walton. *Stabilization of soil with calcium chloride*. (Bibliog. 24) Highway research board, Nat. research council '58 96p annot

CALCIUM in the body

Boda, J. M. and Cole, H. H. *Calcium metabolism with special reference to parturient paresis (milk fever) in dairy cattle*. *J Dairy Sci* 39:1043-54 Jl '56

Brine, C. L. and Johnston, F. A. *Factors affecting calcium absorption by adults*. *Am Diet Assoc J* 31:887-8 S '55

Clark, E. W. *Review of literature on calcium and magnesium in insects*. *Entom Soc Am Ann* 51:151-4 Mr '58

Lengemann, F. W. and others. *Absorption of calcium and strontium from milk and nonmilk diets*. *J Nutrition* 61:582-3 Ap '57
Stolkowski, Joseph. *Essai sur le déterminisme des formes minéralogiques du calcaire chez les êtres vivants (calcaires coquilliers)*. (Inst. océanographique, Annales, new ser, v26, no 1) Masson '61 p 103-13

Watts, J. H. and Graham, D. C. W. *Calcium excretion in human subjects at two levels of milk intake*. *J Dairy Sci* 41:1228-9 S '58

CALCULATING machines

Columbia university. *Watson scientific computing laboratory. Bibliography on the use of IBM machines in science, statistics, and education*; comp. by Joyce Alsop [and others] *Int. business machines corp.* '56 81p

Richards, Richard Kohler. *Arithmetic operations in digital computers*. (Van Nostrand's univ. ser. in higher mathematics) Van Nostrand '55 p385-93

Wilbert, Ernst Eberhard. *Quadratwurzel auf der rechenmaschine*. The author '56 p69-71

See also

Cybernetics

Electronic calculating machines

Punched card systems

CALCULI, Urinary

Butt, Arthur J. ed. *Etiologic factors in renal lithiasis*. Thomas '56 incl bibliog

Hedenberg, Inge. *Macroscopic and microscopic changes and stone formation in the urinary tract in experimentally produced vitamin A deficiency in rats and some notes on the effect of large doses of vitamin A on the uterine, vaginal, and vesical epithelium*; tr. by Joan Whitehouse. (Sup 192) *Acta chirurgica scandinavica* '54 p81-7
Loeper, Maurice, and Cottet, Jean Marie. *Traitement des lithiases rénales*. (Bibliothèque de thérapeutique médicale) Doin '55 p 191-8

Mullers, Jan Bernard. *Het jeugstadium van de endemische blassteen*. *Kleijne* '53? p 141-51

Sandegård, Einar. *Prognosis of stone in the ureter*; tr. by L. James Brown. (Sup219) *Acta chirurgica scandinavica* '56 p66-7

CALCULUS

Menger, Karl. *Calculus; a modern approach*. Ginn '55 p346-7 annot

See also

Differential equations

Fourier's series

Functions

Harmonic analysis

Mathematical analysis

CALCULUS, Integral

See also

Integrals

CALCULUS, Operational

International conference on operator theory and group representations, Harriman, New York, 1953. Report. (Pub. 387) Nat. research council '55 incl bibliog

CALCULUS of operations

See also

Algebras, Linear

CALCULUS of tensors

Schouten, Jan Arnoldus. *Tensor analysis for physicists*. 2d ed Clarendon press '54 p268-71

CALCULUS of variations

Hadwiger, H. *Vorlesungen über inhalt, oberfläche und isoperimetrie*. (Die grund-lehren der mathematischen wissenschaften, v93) Springer '57 295-306

Symposia in applied mathematics. *Calculus of variations and its applications* [proceedings of the 8th symposium in applied mathematics of the Am. mathematical soc; held at the Univ. of Chicago, Apr. 12-13, 1956; Lawrence M. Graves, editor. McGraw '59 incl bibliog

See also

Functional analysis

CALDERÓN DE LA BARCA, Pedro, 1600-1681

Flasche, H. *Stand und aufgaben der Calderón-forschung (ergebnisse der jahre 1940-1953)*. *Deutsch Vierteljahrs Literaturw & Geistes-gesch* 32:613-43 N '58

CALENDAR

Holmes, Roderick L. *Accounting and a thirteen period calendar*. (Baylor business studies, no23; Baylor bul. v58, no 11) School of business, Baylor univ. '55 p20

See also

Church calendar

CALENDAR, Celtic

Phelps, John. *Prehistoric solar calendar*. The author '55 p83-4

CALENDARS, Literary. See Literary calendars

CALICO printing

Turnbull, Geoffrey, ed. History of the calico printing industry of Great Britain. Sherratt '51 p485-501

CALIFORNIA

Edwards, Elza Ivan. Desert voices; a descriptive bibliography; foreword by Harold O. Weight. Westernlore '58 215p

Hanna, Phil Townsend. Libros californianos; or, five feet of Californian books; rev. and enl. by Lawrence Clark Powell, Zeitlin & Ver Brugge '58 87p annot

Recent Californiana; a checklist of pubs. relating to California. See numbers of California historical society. Quarterly thru 1956

Antiquities

Wallace, W. J. Suggested chronology for southern California coastal archaeology. Sw J Anthropol 11:228-30 Fall '55

Constitutional history

Conmy, Peter Thomas. Constitutional beginnings of California. (Historical pub) Grand Parlor, Native sons of the Golden West '59 p27-8

Description and travel

O'Dell, Scott. Country of the sun; southern California, an informal history and guide. Crowell '57 incl bibliog annot

Gold discoveries

Margo, Elisabeth. Taming the forty-niner. Rinehart '55 p241-5

Government publications

California state publications. Ptg. div. Calif. dept. of finance. See numbers

Librarians's choice of California state publications. See numbers of News notes of California libraries thru April 1957 annot

White, A. California state periodicals. News Notes Calif Lib 51:354-7 Ap '56 annot

History

Cleland, Robert Glass. From wilderness to empire; a history of California; a combined and rev. ed. of From wilderness to empire, 1542-1900 & California in our time, 1900-1940; ed. and brought down to date by Glenn S. Dumke. Knopf '59 p435-45 annot

Conmy, Peter Thomas. Philip Augustine Roach, 1820-1889, California pioneer. (Historical pub) Grand parlor, Native sons of the Golden West '58 p28-9

Engelbert, Omer. Last of the conquistadors, Junipero Serra, 1713-1784; tr. from the French by Katherine Woods. Harcourt '56 p355-9

Historical society of Southern California. Bibliography of all published works, 1884-1957; comp. by Anna Marie Hager and Everett Gordon Hager; containing concise abstracts of all articles and an index by author and title. (Special bk. pub. no2) The society '59 183p annot

Hunt, Rockwell Dennis. Fifteen decisive events of California history; with an introd. by Gustave O. Arlt. (Special bk. pub. no4) Historical soc. of Southern Calif. '59 p79-87

Kneiss, Gilbert H. Redwood railways; a story of redwoods, picnics and commuters. Howell-North '56 p 158-61

Lorenz, A. J. Scurvy in the Gold rush. J Hist Med 12:507-10 O '57

Ord, Augustas de la Guerra. Occurrences in Hispanic California; tr. and ed. by Francis Price and William H. Ellison. Acad. of Am. Franciscan history '56 p91-2

Politics and government

Ostrander, Gilman M. Prohibition movement in California, 1848-1933. (Calif. Univ. Pubs. in history, v57) Univ. of Calif. press '57 p227-32

State library

Mumm, B. California state library. Sacramento. News Notes Calif Lib 52:683-91 O '57

CALIFORNIA, Lower

Barrett, Ellen C. Baja California, 1535-1956; a bibliog. of historical, geographical, and scientific literature relating to the peninsula of Baja California and to the adjacent islands in the Gulf of California and the Pacific ocean. Bennett & Marshall '57 284p

CALLANDREAU, Edouard, 1886-1952

Paris. Ecole centrale des arts et manufactures. Association amicale des anciens élèves. Edouard Callandreau, 1886-1952. The school '55 p20

CALLIGRAPHY. See Penmanship**CALLOT, Jacques, 1592-1635**

Bechtel, Edwin De Turck. Jacques Callot. Braziller '55 p45-6

CALÒ, Giovanni, 1882-

Cultura e educazione; studi in onore di Giovanni Calò. Editrice universitaria '55 p357-83

CALORIMETERS and calorimetry

King, J. R. Comments on the theory of indirect calorimetry as applied to birds. Northwest Sci 31:167-9 N '57

CALVES**Feeding**

Buckalew, J. M. and Merilan, Charles Preston. Growth rate of calves and in vitro metabolism of liver and thymus tissue as affected by antibiotics. (Research bul. 596) Agricultural experiment station, Univ. of Mo. '55 p24-6

Conrad, H. R. and others. High roughage system for raising calves based on early rumen development. J Dairy Sci 37:521-2, 735-6; 39:178-9, 1178-9; 41:1246-7, 1259-61 My-Je '54, F, Ag '56, S '58

Slack, Samuel Thomas, and others. Value of distillers' feeds for dairy calves. (Bul. 932) N.Y. State college of agriculture, Ithaca; Cornell univ. agricultural experiment station '58 p26-8

Wing, J. M. and others. Effect of various restricted diets on the growth and on certain blood components of young dairy calves. J Dairy Sci 38:1014-16 S '55

Physiology

Bryant, M. P. and others. Studies on the composition of the ruminal flora and fauna of young calves. J Dairy Sci 41:1766-7 D '58

Wing, J. M. and others. Effect of various restricted diets on the growth and on certain blood components of young dairy calves. J Dairy Sci 38:1014-16 S '55

CALVIN, John, 1509-1564

Dowey, E. A. Continental reformation: works of general interest, studies in Calvin and Calvinism since 1948. Church Hist 24:360-7 D '55 annot

Krusche, Werner. Das wirken des Heiligen Geistes nach Calvin. (Forschungen zur kirchen- und dogmengeschichte, v7) Vandenhoeck & Ruprecht '57 p344-8

CALVINISM

Bratt, John H. ed. Rise and development of Calvinism; a concise history. Eerdmans '59 incl bibliog

Dowey, E. A. Continental reformation: works of general interest, studies in Calvin and Calvinism since 1948. Church Hist 24:360-7 D '55 annot

See also

Puritans**CAMBIASO, Luca (Luchetto da Genova) 1527-1585**

Cambiaso, Luca. Luca Cambiaso, la vita e le opere; a cura di Bertina Suida Manning e William Suida. Ceschina '57 p289-95

CAMBium

Bannan, M. W. Relative frequency of the different types of antinuclear divisions in conifer cambium. Can J Bot 35:883-4 N '57

Bannan, M. W. Some aspects of the elongation of fusiform cambial cells in thuja occidentalis L. Can J Bot 34:193-6 Ja '56

Bannan, M. W. Vascular cambium and radial growth in thuja occidentalis L. Can J Bot 33:134-8 Ja '55

CAMBODIA

Steinberg, David J. and others. Cambodia; its people, its society, its culture. (Country surveys ser) HRAF press '57 p323-36

Zadrozny, Mitchell G. and others, eds. Area handbook on Cambodia. prelim ed (Pre-pub. monograph, HRAF-21) Human relations area files '55 p378-91

Antiquities

Hackenberg, R. A. Cambodia, Laos and Vietnam. Asian Perspect 1:55-9 Summer '57

CAMBRIDGE, England, University

Porter, Harry Culverwell. Reformation and reaction in Tudor Cambridge. Cambridge '58 p430-42

CAMBRIDGE, England, University—*Continued*

History

Costello, William Thomas. Scholastic curriculum at early seventeenth-century Cambridge. Harvard univ. press '58 p 151-63 annot

CAMELLIAS

Hume, H. Harold. Camellias in America. rev ed. McFarland '55 p297-325
Tourjé, E. C. ed. Camellia culture. Macmillan '58 incl bibliog

CAMERAS

See also

Moving picture cameras

CAMPANELLA, Tommaso, 1568-1639

Firpo, L. Cinquant'anni di studi sul Campanella (1901-1950). *Rinascimento* 6:211-348 D '55

Grillo, Francisco. Tommaso Campanella in America; a critical bibliog. and a profile. Vanni '54 110p annot
—Supplement. Vanni '57 48p annot

CAMPBELL, Douglas Houghton, 1859-1953

Smith, G. M. Douglas Houghton Campbell, 1859-1953. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p55-63)

CAMPBELL, Robert Burns, 1892-1955

Gunter, H. Memorial to Robert Burns Campbell (1892-1955) *Geol Soc Am Proc* 1955:114 J1 '56

CAMPBELLITES. See Disciples of Christ

CAMPING

Books for camp leaders. *Camp Mag* 31:92-4 Mr 15 '59

Ensign, John, and Ensign, Ruth. Camping together as Christians; a guide for junior high camp leaders. John Knox press '58 p 143-6

Joy, Barbara Ellen. Annotated bibliography in camping. 3d ed Am. camping assn. '55 36p
Smith, Julian W. Outdoor education. (Classroom teacher ser. in health, education, physical education & recreation) Am. assn. for health, physical education, & recreation '56 p30-1

Therapeutic camping for disturbed youth. *J Social Issues* 13 no 1:1-64 '57 incl bibliog
See also

Outdoor life

CAMPRA, André, 1660-1744

Barthélemy, Maurice. André Campra, sa vie et son œuvre (1660-1744) (La Vie musicale en France sous les rois Bourbons) Picard '57 p 179-91

CAMS

Rothbart, Harold A. Cams; design, dynamics, and accuracy. Wiley '56 incl bibliog

CAMUS, Albert, 1913-1960

Albert Camus: essai de bibliographie. *Biblio* 25:9 D '57

Bollinger, Renate. Albert Camus; eine bibliog. der literatur über ihn und sein werk. (Cologne. Bibliothekar-lehrinst. des landes Nordrhein-Westfalen. Bibliog. hefte, 1) Greven verlag '57 50p

Brée, Germaine. Camus. Rutgers univ. press '59 p253-62

Cruikshank, John. Albert Camus and the literature of revolt. Oxford '59 p237-41

Hanna, Thomas. Thought and art of Albert Camus. *Regnery* '58 p 201-4

Maquet, Albert. Albert Camus: the invincible summer; tr. from the French by Herma Briffault. Braziller '58 p207-24

Thody, Philip. Albert Camus, a study of his work. Macmillan '57 p 153-5

CANADA

Canadiana. Nat. lib. of Canada. See numbers

Haddow, E. B. Canadian panorama in books. *Cath Lib World* 27:359-60 My '56 annot

Lang, Gladys Engel, ed. Canada. (Reference shelf, v 31, no4) Wilson '59 p 179-88

Manitoba. Legislative assembly. Library. Canadian imprints and books about Canada, 1949-1956. The library '57 71p

Peel, Bruce Braden. Bibliography of the Prairie provinces to 1953. Univ. of Toronto press '56 680p

Répertoire bibliographique. See numbers of Culture annot

Watters, Reginald Eyre. Check list of Canadian literature and background materials, 1628-1950, being a comprehensive list of the books which constitute Canadian literature written in English, together with a selective list of other books by Canadian authors which reveal the backgrounds of that literature. Univ. of Toronto press '59 789p

Armed forces

Special libraries association. Military librarians division. Canadian service history; 35 titles for the large library. (Bibliog. no 11) The division '57? 3p

Army

History

Dornbusch, Charles Emil. Canadian army, 1855-1958: regimental histories and a guide to the regiments. Hope farm press '59 216p

Civilization

See also

Canada—Intellectual life

Commerce

Netherlands. Economische voorlichtingsdienst. Bibliotheek. Literatuur van belang in verband met de export naar Canada. The library '51 12p

Constitutional law

Day, Brigham. Le Canada et les droits de l'homme; le concept des droits de l'homme dans la politique étrangère et la constitution du Canada; préf. de J.-J. Chevallier. *Recueil Sirey* '53 p 151-2

Description and travel

Canada. Department of mines and technical surveys. Geographical branch. Bibliography of periodical literature on Canadian geography, 1930 to 1955. (Bibliog. ser, no22) The department '59 4v

Canada. Department of mines and technical surveys. Geographical branch. Selected bibliography of Canadian geography with imprint 1954[-1957] (Bibliog. ser, no 15, 17, 19, 23) The branch '55-'59 4v

Shaw, Earl B. Anglo-America; a regional geography. Wiley '59 incl bibliog

Economic conditions

Gross, Herbert. Kanada, land des wachstums. (Länder-monographie der Bundesstelle für aussenhandelsinformation) Deutscher wirtschaftsdienst '54 p374-81

Netherlands. Economische voorlichtingsdienst. Bibliotheek. Literatuur van belang in verband met de export naar Canada. The library '51 12p

Wright, Alfred. United States and Canada; a regional geography. 2d ed Appleton '56 incl bibliog

Economic history

Easterbrook, W. T. Recent contributions to economic history: Canada. *J Econ Hist* 19: 76-102 Mr '59

Exploring expeditions

Taylor, Andrew. Geographical discovery and exploration in the Queen Elizabeth islands. (Canada. Dept. of mines and technical surveys. Geographical branch. Memoir 3) Queen's printer '55 p 132-61

Foreign economic relations

Stovel, John A. Canada in the world economy. (Harvard economic studies, v 108) Harvard univ. press '59 p347-58 annot

Genealogy

Stevenson, Noel C. Search and research, the researcher's handbook; a guide to official records and lib. sources for investigators, historians, genealogists, lawyers, and librarians. rev ed Deseret '59 364p annot

Government publications

Canada. Department of agriculture. Marketing service. List of published material by members of the Economics division, 1930-1953. The service '53 44p

Canada. Department of public printing and stationary. Canadian government publications; monthly catalog. Queen's printer. See numbers

Holbrook, F. K. and Dye, J. W. Checklist of current state, federal and Canadian publications; rev. to June 10, 1957. *Law Lib J* 50:263-77 Ag '57

Popular government publications for the small library. See numbers of Ontario library review

History

Bertrand, J. P. Highway of destiny; an epic story of Canadian development. *Vantage* '59 p286-92

CANADA—History—*Continued*

- Greighton, Donald Grant. History of Canada; Dominion of the North. rev & enl ed Houghton '58 p583-9
- Kilbourn, William. Firebrand; William Lyon Mackenzie and rebellion in upper Canada. Clarke, Irwin '56 p255-8
- Kinchen, Oscar Arvie. Rise and fall of the Patriot hunters. Bookman associates '56 p 143-7 annot
- McInnis, Edgar. Canada, a political and social review. rev & enl ed Rinehart '59 p549-58
- Recent publications relating to Canada. See numbers of Canadian historical review
- Winks, Robin W. Recent trends and new literature in Canadian history. (Pub. no 19) Service center for teachers of history '59 56p

Historiography

- Winks, Robin W. Recent trends and new literature in Canadian history. (Pub. no 19) Service center for teachers of history '59 56p

Sources

- Canada. Public archives. Preliminary inventory, manuscript group 21; transcripts from papers in the British museum. The archives '55 31p

1755-1763

- Frégault, Guy. La guerre de la conquête. (Coll. Fleur de lys; études historiques canadiennes) Fides '55 p461-85

Rebellion, 1835

- See Riel rebellion, 1885

Industries and resources

- Canada. Department of mines and technical surveys. Geographical branch. Selected bibliography of Canadian geography with imprint 1954[-1957] (Bibliog. ser. no 15, 17, 19, 23) The branch '55-'59 4v
- LeBourdais, Donat Marc. Canada's century. rev ed McClelland '56 p204-8

Intellectual life

- Park, Julian, ed. Culture of contemporary Canada. Cornell univ. press '57 p396-9 annot

Politics and government

- Carleton university, Ottawa. Library. Selected list of current materials on Canadian public administration. The library. See numbers
- Carleton university, Ottawa. Library. Sources of information for research in Canadian public administration; a sel. and annot. bibliography. The library '58 12p
- Ronaghan, Allen. We are one nation; a blueprint for a new and greater Canada. Greenwich bk. '59 p 118-21

Social conditions

- Westermarck, Tory I. How do the people of Canada work and live? a social studies unit for upper elementary grades utilizing the problem method; ed. by Ruth A. Willard. (Curriculum bul. no 187) School of education, Univ. of Ore. '58 p 18-28

CANADA and Asia

- McLean, Ross. Canada and Asia; a survey on Canadian resources for participation in the UNESCO major project on the mutual appreciation of eastern and western cultural values. Canadian nat. comm. for UNESCO '59 p62-74

CANADIAN literature

- Peel, Bruce Braden. Bibliography of the Prairie provinces to 1953. Univ. of Toronto press '56 680p
- Watters, Reginald Eyre. Check list of Canadian literature and background materials, 1628-1950, being a comprehensive list of the books which constitute Canadian literature written in English, together with a selective list of other books by Canadian authors which reveal the backgrounds of that literature. Univ. of Toronto press '59 789p

See also

- French Canadian literature

CANADIAN Northwest. See Northwest, Canadian

CANADIAN poetry

History and criticism

- Pacey, Desmond. Ten Canadian poets; a group of biographical and critical essays. Ryerson press '58 p327-35
- Smith, Arthur James Marshall, ed. Book of Canadian poetry, a critical and historical anthology. 3d ed rev & enl Gage '57 p505-21

CANADIAN poets. See Poets, Canadian

CANAL, Antonio (Canaletto) 1697-1768

- Canaletto; testo di Vittorio Moschini. (I sommi dell'arte italiana) Martello '54 p66-70

CANALS

- Greup, Gerrit Mattheus. De Rijnverbinding van Amsterdam en haar geschiedenis; in opdracht van de Kamer van koophandel en fabrieken voor Amsterdam, uitg. ter gelegenheid van de ingebruikneming van het nieuwe Amsterdam-Rijnkanaal. H. J. W. Becht '52 p 191-6
- Payne, Robert. Canal builders; the story of canal engineers through the ages. Macmillan '59 p263-5
- Waggoner, Madeline Sadler. Long haul west; the great canal, 1817-1850. Putnam '58 p303-11

See also

Suez canal

CANARY, Martha Jane, 1852-1903

- Sollid, Roberta Beed. Calamity Jane; a study in historical criticism; correlated and ed. by Vivian A. Paladin; indexed by John Hakola. (Western press pub. v2) Historical soc. of Mont. '58 p 131-7

CANNBERRA, Australia

- White, Harold Leslie, ed. Canberra, a nation's capital; prepared for the 30th meeting of the Australian and New Zealand assn. for the advancement of science held at Canberra 13th-20th Jan, 1954. The editor '54 p241-3

CANCER

- Advances in cancer research, v 1[-5] Academic press '53-'58 5v incl bibliog
- American association for the advancement of science. Antimetabolites and cancer; a symposium presented on Dec. 28-29, 1953, at the Boston meeting of the Association; ed. by Cornelius P. Rhoads. The association '55 incl bibliog
- Beard, Howard Horace. New approach to the conquest of cancer, rheumatic and heart diseases. Pageant press '58 p211-25
- Beard, J. W. Viruses as a cause of cancer. Am Scientist 46:250-4 S '58
- Cancer current literature; an index to neoplastic diseases. Am. cancer soc. See numbers thru 1955
- Cancer current literature index. Excerpta medica foundation. See numbers
- Cutler, S. J. Review of the statistical evidence on the association between smoking and lung cancer. Am Stat Assn J 50:281-2 Je '55
- Denoux, Pierre Florent, and others. Documents statistiques sur la morbidité par cancer dans le monde, Paris, 1952. (Monographie no 1) Inst. nat. d'hygiène '52 p213-20
- Diamond, Henry D. Medical management of cancer. (Modern medical monographs, 16) Grune '58 incl bibliog
- Dorn, Harold Fred, and Cutler, Sidney J. Morbidity from cancer in the United States; pt. 1, Variation in incidence by age, sex, race, marital status, and geographic region. (U.S. Public health service. Public health monograph, no29) U.S. Gov. pig. office '55 p75-7
- Eckardt, Robert E. Industrial carcinogens. (Modern monographs in industrial medicine, 4) Grune '59 incl bibliog
- Gellhorn, Alfred, and Hirschberg, Erich, eds. Investigation of diverse systems for cancer chemotherapy screening. (Cancer research. Sup. no3) Univ. of Chicago press '55 incl bibliog
- Haenszel, W. Epidemiological tests of theories on lung cancer etiology. Pub Health Rep 71:171-2 F '56
- Hirschberg, E. List of review articles on cancer research, 1951-1955. Cancer Res 17:77-85 F '57
- Hirschberg, E. Some contributions of microbiology to cancer research. Bact R 19:74-8 Je '55
- Homburger, Freddy. Biologic basis of cancer management; forewords by Lauren V. Ackerman [and others] Hoeber '57 p291-348
- Huxley, Julian. Biological aspects of cancer. Harcourt '58 p 132-53
- Huxley, J. Cancer biology: viral and epigenetic. Cambridge Philos Soc Biol R 32:30-7 F '57

CANCER—Continued

- John Crerar library, Chicago. Guide to cancer literature in the Library by Roger M. Martin. (Guides to the colls, no3) The library '55 43p
- Nemes, Elmer Pierre. Notes on the virus origin of cancer and a new test for the diagnosis of cancer from urine specimens. Remle research inc. '55 incl bibliog
- Ruben, L. N. Effects of implanting anuran cancer into non-regenerating and regenerating larval urodele limbs. *J Exp Zool* 128: 46-7 F '55
- Shimkin, M. B. and others. Appearance of carcinoma following single exposure to a refrigeration ammonia-oil mixture. *AMA Archives Ind Hygiene & Occup Med* 9:122-3 Mr '54
- Symposium on fundamental cancer research. 12th. Houston, Texas, 1958. Radiation biology and cancer; a coll. of papers; pub. for the Univ. of Tex. M. D. Anderson hospital and tumor institute. Univ. of Tex. press '59 incl bibliog
- Tavares, Clement Adams. Cancer and the atomic age. *Vantage* '58 p 133-91
- Törnå, Tapio. Malignant tumours of the spine and the spinal extradural space; a study based on 250 histologically verified cases; tr. by Gunvor Hustich. (Sup225) *Acta chirurgica scandinavica* '57 p 160-76
- United States. National cancer institute. Cancer nursing bibliography. The institute '55 52p
- Supplement. The institute '56 13p
- United States. National cancer institute. Reading on cancer; an annot. bibliog. prepared by [the] Cancer resp. section. (Pub. no457) U.S. Public health service '55 16p
- United States. National library of medicine. Reference division. Bibliography section. Cancer chemotherapy; a bibliog. of agents, 1946-1954. (Cancer research. Sup. no4, 1956) Univ. of Chicago press '56 267p
- Woolf, Charles Martin. Investigations on genetic aspects of carcinoma of the stomach and breast. (Calif. Univ. Pubs. in public health, v2, no4) Univ. of Calif. press '55 p345-9
- See also subhead Cancer under names of organs, e.g. Lungs—Cancer

Diagnosis

- Nieburgs, H. E. Cytologic technics for office and clinic. Grune '56 p216-28
- United States. National cancer institute. Evaluation of cancer diagnostic tests. (Pub. no275; Public health monograph no 12) U.S. Public health service '53 p47-9
- CANCER, Plant.** See Crown gall
- CANCER producing substances**
- McCallion, D. J. Effects of the carcinogen, 2-acetylaminofluorene, on larval and adult frogs. *Can J Zool* 32:237-9 Je '54
- CANDY.** See Confectionery
- CANNING and preserving**
- Cruss, William Vere. Commercial fruit and vegetable products; a textbk. for student, investigator, and manufacturer. 4th ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '58 incl bibliog
- United States. Agricultural research service. Southern utilization research branch. Brining and pickling of cucumbers and other vegetables; a list of pubs. with abstracts, Sept. 1938-Dec. 1955, on cooperative investigations; rev. and ed. by Marie A. Jones. The branch '56 18p
- See also

Fishery products—Preservation**CANNING industry and trade**

- American can company. Research division. Library abstracts. Literature patents. The division. See numbers
- Cameron, E. J. Canning industry nutrition program. *Food Tech* 8:591-2 D '54
- National cannery association. Canning industry; its history, importance, organization, methods, and the public service values of its products. 3d ed The association '57 p39-42 annot
- Same; 4th ed The association '59 p38-42 annot
- CANON law**
- Anler, Ludwig. Pastoral companion; eleventh ed, rev. and amplified by Marclan J. Mathis and Clement R. Leahy. *Franciscan herald* '56 p396-400

- Arbour, Guy. Le droit canonique particulier au Canada. (Ottawa. Univ. Dissertations ad gradum laureæ in facultatibus ecclesiasticis consequendum conscriptæ. Ser. canonica nova, v3) Eds. de l'Univ. d'Ottawa '57 p 145-53
- Hoffman, Lawrence Joseph. Clergy conferences, canon 131; a historical conspectus and a canonical commentary. (Catholic univ. of Am. Canon law studies, no383) Catholic univ. of Am. press '57 p93-7
- Kekumano, Charles Alvin. Secret archives of the diocesan curia; a historical synopsis and a commentary. (Catholic univ. of Am. Canon law studies, no350) Catholic univ. of Am. press '54 p90-4
- Literaturverzeichnis. See numbers of Archiv für katholisches kirchenrecht
- Markham, James J. Sacred congregation of seminaries and universities of studies. (Catholic univ. of Am. Canon law studies, no384) Catholic univ. of Am. press '57 p 174-8
- Rodimer, Frank J. Canonical effects of infamy of fact; a historical synopsis and a commentary. (Catholic univ. of Am. Canon law studies, no353) Catholic univ. of Am. press '54 p 144-53
- Roelker, Edward George. Invalidating laws. St Anthony guild '55 p 189-91
- Roelker, Edward George. Precepts. St Anthony guild '55 p239-41
- Sesto, Gennaro J. Guardians of the mentally ill in ecclesiastical trials; a canonical commentary with historical notes. (Catholic univ. of Am. Canon law studies, no358) Catholic univ. of Am. press '56 p 163-72
- Sheehan, Joseph George. Obligation of respect and obedience of clerics toward their ordinary (canon 127); a historical synopsis and a canonical commentary. (Catholic univ. of Am. Canon law studies, no344) Catholic univ. of Am. press '54 p 123-7
- Sheehy, Robert Francis. Sacred congregation of the sacraments; its competence in the Roman Curia. (Catholic univ. of Am. Canon law studies, no333) Catholic univ. of Am. press '54 p 130-4
- Stelling-Michaud, Sven. Catalogue des manuscrits juridiques (droit canon et droit romain) de la fin du XII^e au XIV^e siècle conservés en Suisse. (Travaux d'humanisme et renaissance, 11) Droz '54 p 108-12
- Tierny, Brian. Foundations of the conciliar theory; the contribution of the medieval canonists from Gratian to the great schism. (Cambridge studies in medieval thought, new ser. v4) Cambridge '55 p264-74
- See also
- Bishops (canon law)
- Catholic church—Clergy
- Censorship (canon law)
- Ecclesiastical law
- Jurisdiction (canon law)
- Marriage (canon law)
- Monasticism (canon law)
- Oaths (canon law)
- Ordination (canon law)
- CANONIZATION**
- See also
- Saints
- CAPACITORS.** See Electric capacitors
- CAPE COD, Massachusetts**
- Corbett, Scott. Cape Cod's way; an informal history. Crowell '55 p299-301
- CAPITAL**
- Kessler, Hans Conrad. Die staatliche kapitalbildung. Keller '54 p7-19
- See also
- Banks and banking
- Capitalism
- Interest and usury
- Investments
- Investments, Foreign
- Trusts, Industrial
- Wealth
- CAPITAL and labor.** See Arbitration, Industrial; Industrial relations; Labor and laboring classes; Trade unions
- CAPITAL punishment**
- Bibliography on capital punishment and related topics, 1948-1958. *Prison J* 33:41-5 O '58
- Leigh, Ruth. Man's right to life. (Issues of conscience, 3) Comm. on social action of Reform Judaism '59 p49-50

CAPITALISM

Cox, Oliver Cromwell. Foundations of capitalism; foreword by Harry Elmer Barnes. Philosophical lib. '59 p485-500

Ebenstein, William. Today's isms; communism, fascism, capitalism. 2d ed Prentice-Hall '58 incl bibliog

Gillman, Joseph M. Falling rate of profit; Marx's law and its significance to twentieth-century capitalism. Cameron associates '58 p 161-7

Green, Robert W. ed. Protestantism and capitalism: the Weber thesis and its critics. (Problems in European civilization). Heath '59 p 115-16 annot

Jacobs, Norman. Origin of modern capitalism and Eastern Asia. Hong Kong univ. press '53 p 221-31

See also

Capital
Socialism

CAPITALIZATION (finance) See Corporations—Finance

CAPPONI, Gino Alessandro Giuseppe Gaspero, marchese, 1792-1876

Capponi, Gino Alessandro Giuseppe Gaspero, marchese, Scritti inediti, preceduti da una bibliografia ragionata degli scritti editi e inediti e delle lettere a stampa, per cura di Guglielmo Macchia. (Studi e documenti di storia del risorgimento, v34) Le Monnier '57 p 1-184

CAPUANA, Luigi, 1821-1897

Catania. Università. Biblioteca universitaria e ventimillesima. Verga. De Roberto. Capuana; celebrazioni bicentarie Biblioteca universitaria. Catania 1755-1955a cura di Angelo Ciavarella] Giannotta '55 194p

CAPUCHINS

See also

Franciscans

CARABELLESE, Pantaleo

Tozzi, Roberto. Pantaleo Carabellese. (Filosofi d'oggi) Edizioni di Filosofia '55 p3-6

CARACAS

Caracas, Exposición bibliográfica sobre Caracas. Catálogo, 1, 1956. Consejo municipal del Distrito federal '56 117p

CARBAMATES

See also

Plants, Effect of carbamates on

CARBOHYDRATES

Advances in carbohydrate chemistry, v7[1-13] Academic press '52-'58 7v incl bibliog

Gershoff, S. N. and others. Effect of the carbohydrate and fat content of the diet upon the riboflavin requirement of the cat. J Nutrition 68:86-8 My '59

Green, M. R. Carbohydrate metabolism of mouse muscle in relation to infection with coxsackie virus, group A. J Exp Zool 133: 501-4 D '56

Gunsalus, I. C. and others. Pathways of carbohydrate metabolism in microorganisms. Bact R 19:112-28 Je '55

Rubini, M. E. and Seligson, D. Acute reduction in plasma amino acids by carbohydrate infusion in diabetes and liver disease. Am J Clin Nutrition 6:374-5 Jl '58

Südhoof, Heinrich, and Kellner, Hellmut. Physiologie und klinische bedeutung kohlehydrathaltiger körpertstoffe (mit und ohne eiweissanteil). (Bibliotheca paediatrica, no65) Karger '57 p93-104

Wood, W. A. Pathways of carbohydrate degradation in pseudomonas fluorescens. Bact R 19:232-3 D '55

See also

Dextran

Glycogen

Plants—Carbohydrate content

Plants, Effect of carbohydrates on

Polysaccharides

CARBON

Gaylord, W. M. Carbon and graphite. Ind & Eng Chem 47:1955; 49:1587 S '55, S '57

See also

Charcoal

Coal

Graphite

Soils—Carbon content

Isotopes

Craig, H. Carbon 13 in plants and the relationships between carbon 13 and carbon 14 variations in nature. J Geol 62:148-9 Mr '54

Nevenzel, Judd C. and others. Bibliography of syntheses with carbon isotopes. (U.S. Atomic energy comm. UCLA-316) Technical information service '55 175p

See also

Radiocarbon dating

CARBON black

Braendle, H. A. Improving the carbon-rubber bond. Rubber World 136:840 S '57

Drogin, I. Effects of mixing time on properties imparted to rubber by reinforcing carbon blacks. Rubber Age 80:498-9 D '56

CARBON compounds

See also

Hydrocarbons

CARBON dioxide

Revelle, R. and Suess, H. E. Carbon dioxide exchange between atmosphere and ocean and the question of an increase of atmospheric CO₂ during the past decades. Tellus 9:27 F '57

Saltman, P. and others. Dark fixation of CO₂ by succulent leaves: metabolic changes subsequent to initial fixation. Plant Physiol 32: 200 My '57

Tepper, B. S. and Wilson, J. B. Fixation and distribution of C¹⁴O₂ in brucella abortus. J Bact 76:28 Jl '58

See also

Insects, Effect of carbon dioxide on

Photosynthesis

Plants, Effect of carbon dioxide on

Physiological effect

McClellan, Walter S. Bibliography: physiological values of carbon dioxide and carbonation of liquids. Am. bottlers of carbonated beverages '54 23p

—Same. (In McClellan, Walter S. Utilization of ingested carbon dioxide, and Bibliography: physiological values of carbon dioxide and carbonation of liquids. Am. bottlers of carbonated beverages '55 23p (2d group))

Therapeutic use

Meduna, Ladislav Joseph, ed. Carbon dioxide therapy; a neurophysiologic treatment of nervous disorders. 2d ed Thomas '53 p497-517

CARBON monoxide

Beatty, Robert L. Methods for detecting and determining carbon monoxide; revision of Technical paper 582. (U.S. Bur. of mines. Bul. 557) U.S. Gov. ptg. office '55 p30-4

Morgan, J. L. Carbon monoxide poisoning; a danger of farm and home. Ind Med 24: 305-6 Jl '55

National research council, Highway research board. Abatement of highway noise and fumes [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 110) The board '55 incl bibliog annot

CARBON tetrachloride

Hardin, B. L. Carbon tetrachloride poisoning —a review. Ind Med 23:103-5 Mr '54

CARBONATES

Ginsburg, R. N. Environmental relationships of grain size and constituent particles in some south Florida carbonate sediments. Am Assn Pet Geol Bul 40:2426-7 O '56

See also

Calcium carbonate

CARBONIC anhydrase

Anderson, A. D. and March, R. B. Inhibitors of carbonic anhydrase in the American cockroach, periplaneta americana (L.) Can J Zool 34:73-4 F '56

CARBONIC oxide. See Carbon monoxide

CARBONIZATION of coal. See Coal distillation

CARBONYL compounds

Gaddis, A. M. and others. Carbonyls in oxidizing fat. Food Res 23:295-7 My '59

CARBONYL sulfide

Ferm, R. J. Chemistry of carbonyl sulfide. Chem R 57:636-40 Ag '57

CARCINOMA. See Cancer; Tumors

CARCO, Francis (Francis Carcopino) 1886-

Oeuvres de Francis Carco; essai de bibliographie. Biblio 24:8+ D '56

CARCOPINO, Francis. See Carco, F.

CARDIAC diseases. See Heart—Diseases

CARDIOVASCULAR system. See Vascular system

CARDUCCI, Giosuè, 1835-1907

Leonetti, Francesco. Carducci e i suoi contemporanei; cronaca bibliografica della critica, 1855-1907. (Contributi alla Biblioteca bibliografica italiana, 11) Sansoni antiquariato '55 p25-39

CARIBBEAN region

Agrupación bibliográfica cubana José Toribio Medina. Bibliografía de Centroamérica y del Caribe, 1956. The group '58 173p

Albanell, Norah. Cuba, Dominican Republic, Haiti and Puerto Rico; a sel. bibliog. on the Caribbean area incl. only islands which are members of the Organization of Am. states; prepared for the 7th annual Conference on the Caribbean, Dec. 6, 7, 8, 1956, Univ. of Fla. Gainesville. School of inter-Am. studies, Univ. of Fla. '56 35p

Bibliografie. See numbers of West-Indische gids

Current Caribbean bibliography, 1954[-1957] (V4-7) Caribbean comm. '56-59? 4v

Easton, D. K. Sources for the study of Caribbean culture. (In Wilgus, Alva Curtis, ed. Caribbean: its culture. (Fla. Univ. School of inter-Am. studies. Pubs. ser 1, v5) Univ. of Fla. press '55 p236-69) annot

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Mittelamerika und karibischer raum; stand: mai 1956. (Auslandskunde; literatur-nachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung, no 10) The library '56 114p

Kraal, J. F. Bibliografie van auteurs uit het Caribische gebied Engels, Frans, Nederlands. West-Indische Gids 35:211-17 Mr '55

Netherlands universities foundation for international cooperation. Developments towards self-government in the Caribbean; a symposium held under the auspices of the Foundation, at the Hague, Sept. 1954. Heinman '55 p271-85

Parsons, James J. San Andrés and Providencia; English-speaking islands in the western Caribbean. (Calif. Univ. Pubs. in geography, v 12, no 1) Univ. of Calif. press '56 p67-72

Proudfoot, Mary (Macdonald). Britain and the United States in the Caribbean; a comparative study in methods of development; with an introd. by Margery Perham. (Colonial and comparative studies) Praeger '54 p363-9

See also

West Indies (federation)

Commerce

Caribbean commission. Select bibliography of trade publications with special reference to Caribbean trade statistics; a manual for the guidance of research workers in identifying useful sources of trade statistics and of pub. ground rules in the preparation of trade accounts [annotated] The commission '54 54p

Politics

Wilgus, Alva Curtis, ed. Caribbean: its political problems. (Fla. Univ. School of inter-Am. studies. Pub. ser 1, v6) Univ. of Fla. press '56 p301-17 annot

Social conditions

Rubin, Vera D. ed. Caribbean studies; a symposium. Inst. of social & economic research. Univ. college of the West Indies '57 incl bibliog

CARIBOU

See also

Reindeer

CARICATURES and cartoons

Hofmann, Werner. Caricature from Leonardo to Picasso. Crown '57 p 142-4

See also

Comic books, strips etc.

CARICEAE. See Cyperaceae**CARIES. Dental. See Teeth—Diseases****CARLSSON, Gottfrid, 1887-**

Gottfrid Carlsson, 18. 12. 1952. Gleeurp '52 p428-49

CARMELITES

Bibliographia carmelitana annualis. 1953[-1956] Carmelus 1 no2:333-406; 2 no2:385-475; 3 no2:325-405; 4 no2:293-419 '54-57

CARNAP, Rudolf, 1891-

Pasquini, A. Contributi bibliografici: Rudolf Carnap. R Crit Storia Filos 10:462-78 S '55

Stegmüller, Wolfgang. Das wahrheitsproblem und die idee der semantik; eine einföhrung in die theorien von A. Tarski und R. Carnap. Springer '57 p321-5

CARNITINE

Fraenkel, G. S. Effect of zinc and potassium in the nutrition of tenebrio molitor, with observations on the expression of a carnitine deficiency. J Nutrition 65:393-5 Jl '58

CARNIVORA

Caesar, Gene. Wild hunters; the wolves, the bears and the big cats. Putnam '57 p249-52

Rausch, R. Some observations on rabies in Alaska, with special reference to wild canidae. J Wildlife Mgt 22:260 Jl '58

Wright, Bruce S. Ghost of North America; the story of the eastern panther. Vantage '59 p 130-3

CAROLINE islands

Fischer, John L. and Fischer, Ann M. Eastern Carolines. (Behavior science monographs) Pacific science board, Nat. research council; Human relations area files '57 p243-53

CAROTENE

Bauernfeind, J. C. and others. Coloring fat-base foods with β -carotene. Food Tech 12:535 O '58

Burdick, E. M. Extraction and utilization of carotenes and xanthophylls. Econ Bot 10: 278-9 Jl '56

Riel, R. R. and Johns, C. K. Use of synthetic β -carotene for coloring butter. J Dairy Sci 40:198-9 F '57

Rousseau, J. E. and others. Relative value of carotene from alfalfa and vitamin A from a dry carrier fed at minimum levels to Holstein calves. J Dairy Sci 37:898-9 Jl '54

See also

Vitamins—Vitamin A

CAROTID gland

Adams, William Edgar. Comparative morphology of the carotid body and carotid sinus. Thomas '58 p223-59

CAROTID sinus

Adams, William Edgar. Comparative morphology of the carotid body and carotid sinus. Thomas '58 p223-59

CARPACCIO, Vittore, ca 1455-1525

Pignatti, Terisio. Carpaccio: biographical and critical study; tr. from the Italian by James Emmons. (Taste of our time, v24) Skira '58 p 111 annot

CARPATHIAN mountains

Allodiatoris, Irma. A Kárpát-medence antropológiai bibliográfiája. Bibliographie der anthropologie des Karpatenbeckens. Akadémiai kiadó '58 183p

CARPENTRY

See also

Woodwork

Tools

See also

Lathes

CARPETS. See Rugs and carpets

CARPIO, Lope Félix de Vega. See Vega Carpio, L. F. de

CARRAGEEN

London. Science museum. Science library. Carrageen. Irish moss. (Bibliog. ser, no752) The library '57 5p

CARRARA, Giovanni Michele Alberto, 1438-1490

Giraldi, G. Bibliografia delle opere di G. M. A. Carrara. Rinascimento 6:125-43 Je '55

CARRASQUILLA, Tomás, 1858-1940

Carrasquilla, Tomás. Cuentos de Tomás Carrasquilla, náufrago asombroso del siglo de oro; homenaje al viejo carrasca en el primer centenario de su glorioso natalicio, 1858-1958. (Colección popular de clásicos maiceros, 4) Gutiérrez '56 p509-10

CARREL, Alexis, 1873-1944

Soupault, Robert. Alexis Carrel, 1873-1944. Plon '52 p277-94

CARRIAGES

Carlisle, Lillian Baker. Carriages at Shelburne museum. (Museum pamphlet ser, no 1) Shelburne museum '56 p64

CARROLL, Eber Malcolm, 1893-

Wallace, Lillian Parker, and Askew, William Clarence, eds. Power, public opinion, and diplomacy; essays in honor of Eber Malcolm Carroll, by his former students [bibliog. by F. B. M. Hollyday] Duke univ. press '59 p371-81

CARROLL, Lewis, pseud. of Charles Lutwidge Dodgson, 1832-1898

Greenacre, Phyllis. Swift and Carroll; a psychoanalytic study of two lives. Int. univ. press '55 p287-90

Hudson, Derek. Lewis Carroll. (Bibliog. ser. of sups. to British bk. news, no36) Longmans '58 p33-8

CARSLAW, Horatio Scott, 1870-1954

Jaeger, T. C. Horatio Scott Carlsaw. Lond Math Soc J 31:499-501 O '56

CARTAGENA, Colombia

Marco Dorta, Enrique. Cartagena de Indias: la ciudad y sus monumentos; prólogo de Diego Angulo Iniguez. (Pubs, 55; Pubs, ser2; Monografías, no20) Escuela de estudios hispano-americanos, Univ. Sevilla '51 p307-10

CARTELS. See Trusts, Industrial**CARTOGRAPHY**

Bauer, Hubert Anton. Cartography (map making) new rev ed (Vocational and professional monographs, no60) Bellman '57 p31-2
Bibliotheca cartographica. Bundesanstalt für landeskunde; Deutsche gesellschaft für kartographie. See numbers
Bibliographie cartographique internationale, 19501-19561 Colin '52-'58 7v

Fiala, František. Kartografické zobrazování. 2d rev ed (Učební texty vysokých škol) Státní pedagogické nakl. '52 p232-5

Kartenbibliographie. See numbers of Petermanns geographische mitteilungen

Kosack, Hans Peter, and Meine, Karl-Heinz, eds. Die kartographie, 1943-1954; eine bibliog. übersicht. (Kartographische schriftenreihe, v4) Astra '55 216p

Oehme, Ruthardt. Joannes Georgius Tibianus; ein beitrage zur kartographie und landesbeschreibung Südwestdeutschlands im 16. jahrhundert; mit einer wiedergabe der Bodensee- und Schwarzwaldkarte Tibians aus dem Jahre 1603. (Forschungen zur deutschen landeskunde, v91) Bundesanstalt für landeskunde '56 p 144-54

Surveying and mapping literature. See numbers of Surveying and mapping

United nations. Department of economic and social affairs. World cartography, 1954[-1955] (V4-5) The department '54-'55 2v 1954, p58-9; 1955, p51-3

See also

Maps**CARTOONS. See Caricatures and cartoons****CARTULARIES**

Davis, Godfrey Rupert. Carless. Medieval cartularies of Great Britain; a short catalogue. Longmans '58 182p

CARTWRIGHT, Peter, 1785-1872

Autobiography; with an introd, bibliog. and index by Charles. L. Wallis. Abingdon '56 p341-2 annot

CARVING (art industries)

See also

Wood carving

CARY, Joyce, 1888-1957

Meriwether, J. E. Books of Joyce Cary: a prelim. bibliog. of English and Am. editions. Tex Stud Lit & Lang 1:300-10 Summer '59

Wright, Andrew H. Joyce Cary: a preface to his novels. Chatto & Windus '58 p 174-81

CARYOCINESIS. See Karyokinesis**CASANOVA DE SEINGALT, Giacomo Girolamo, 1725-1798**

Childs, James Rives. Casanoviana; an annot. world bibliog. of Jacques Casanova de Seingalt and of works concerning him; privately ptd. for the Casanova soc. of Virginia. ltd ed Nebelax '56 396p

Kesten, Hermann. Casanova; tr. by James Stern and Robert Pick from the German original. Harper '55 p385-96

CASAS, Bartolomé de las, bp of Chiapa, 1474-1566

Hanke, Lewis, and Giménez Fernández, Manuel. Bartolomé de las Casas, 1474-1566; bibliografía, crítica y cuerpo de materiales para el estudio de su vida, escritos, actuación y polémicas que suscitaron durante cuatro siglos. Fondo histórico y bibliog. José Toribio Medina '54 394p

CASE work, Social. See Social work**CASEIN**

Murthy, L. and others. Electrophoretic properties of casein from sterilized milk stored at different temperatures. J Dairy Sci 41: 1340-1 O '58

CASHMERE. See Kashmir**CASPAR, Erich Ludwig Eduard, 1879-1935**

Caspar, Erich Ludwig Eduard. Das papsttum unter fränkischer herrschaft. Gentner '56 p 180-3

CASSAVA

Holleman, L. W. J. and Aten, Albert. Processing of cassava and cassava products in rural industries. (FAO agriculture development paper no54) Food & agriculture organization of the United nations '56 p 111-15
—Same; with title: Traitement du manioc et produits à base de manioc dans les industries rurales. (Coll. FAO; progrès et mise en valeur no54) Food & agriculture organization of the United nations '56 p 113-16

CAST iron

Abstracts from foundry literature. See numbers of British cast iron research association. Bulletin

Additions to the Library. See numbers of British cast iron research association. Bulletin

Desulphurization of cast iron. Brit Cast Iron Res Assn Bul 13:454-66 S '56

Kattus, James Robert, and McPherson, Bryan. Report on properties of cast iron at elevated temperatures. (ASTM special technical pub. no248) Am. soc. for testing materials '59 p87-90

Strauss, J. High-strength cast iron: appraisal and forecast. Wash Acad Sci J 45:247-8 Ag '55

CASTE

Cox, Oliver Cromwell. Caste, class & race; a study in social dynamics; introd. by Joseph S. Roucek. Monthly review press 59 p587-600

CASTELLANOS GARCIA, Gerardo, 1879-

Roig de Leuchsenring, Emilio. Gerardo Castellanos, patriota e historiador, simbolo de cubania. Sociedad cubana de estudios históricos e internacionales '56 p 101-4

CASTELLI, Enrico, 1900-

Noce, Augusto del. Senso comune e teologia della storia nel pensiero di Enrico Castelli. (Studi e ricerche di storia della filosofia, 13) Edizioni di filosofia '54 p 13-14

CASTELLTORT, Ramón, 1915-

Castelltort, Ramón. La poesia española lírica del siglo XX. Librería Spica '57 p225-6

CASTI, Giovanni Battista, 1724-1803

Bergh, Herman van den. Giambattista Casti; abbé galant, poète et politicien, 1724-1803. Elsevier '51 p 192-209

CASTIGLIONI, Carlo, 1884-

Studi in onore di Carlo Castiglioni, prefetto dell'Ambrosiana. (Fontes ambrosiani, 32) Giuffrè '57 p 1-14

CASTINGS

Beall, Robert A. and others. Production of titanium castings. (Rep. of investigations 5265) U.S. Dept. of the interior '56 p40-2

Principles of casting design. Brit Cast Iron Res Assn Bul 13:318-33 My '56

See also

Die casting
Magnesium castings
Steel castings

CASTLES

Tuulse, Armin. Borgar i Västerlandet; ursprung och typutveckling under medeltiden. Nordisk rotogravyr '52 p262-6

CASTOR oil plant

Dubois, L. Le ricin, ses possibilités de production au Congo belge et au Ruanda-Urundi. Direction de l'agriculture, des forêts, de l'élevage & de la colonisation '52 p 105-6

CASTRATION

Rosenblatt, J. S. and Aronson, L. R. Decline of sexual behavior in male cats after castration with s-eacial reference to the role of prior sexual experience. Behaviour 12 no4:336-8 '58

CASTRATION of criminals and defectives

Bremer, Johan. Asexualization; a follow-up study of 244 cases. Macmillan '59 p358-66

CASTRO, Américo, 1885-

Castro, Américo. Semblanzas y estudios españoles; sel. de textos y notas prelim. por Juan Marichal [bibliog. by Albert Brent and Robert Kirsner] The author '56 p xxviii

CASUALTY insurance. See Insurance, Casualty**CATABOLISM. See Metabolism****CATALAN literature**

Simón Díaz, José. Bibliografía de la literatura hispánica; dirección y prólogo de Joaquín de Entrambasaguas. Consejo superior de investigaciones científicas, Inst. Miguel de Cervantes de filología hispánica '50-'55 4v

CATALAN literature—*Continued*

History and criticism

Ruiz y Calonja, Joan. *Història de la literatura catalana*; pròleg de Jordi Rubió. Editorial Teide '54 incl bibliog

CATALAN manuscripts. See Manuscripts, Catalan

CATALAN philology

Rohlf, Gerhard. *Manual de filología hispánica*; guía bibliog, crítica y metódica; tr. castellana del manuscrito alemán por Carlos Patiño Rosselli. (Pubs. 12) Inst. Caro y Cuervo '57 377p

CATALOGING

Avanzi, G. Gli scritti sulla catalogazione e classificazione speciale e specializzata; saggio bibliografico internazionale, 1921-1955. (In *Miscellanea di scritti vari in memoria di Alfonso Gallo*, Olschki '56 p87-186)

Bloomquist, H. Cataloging and classification of medical library materials: 1946-1956; ten years of progress and problems. *Med Lib Assn Bul* 47:45-7, 161-4 Ja-Apr '59

Mary Annette, Sister. *Manual for cataloging school libraries*. rev ed Edwards '55 p95

Mumm, B. Centralized and cooperative cataloging; bibliography. *News Notes Calif Lib* 50:358-60 Ap '55

See also

Classification—Books

Indexing

Subject headings

CATALOGING of maps

Woods, B. M. Map cataloging: inventory and prospect. *Lib Resources & Tech Serv* 3:272-3 Fall '59

CATALOGING of Oriental literature

See also

Cataloging of Persian literature

CATALOGING of Persian literature

Sharif, Nasser. Cataloging of Persian works; incl. rules for transliteration, entry, and description. *A.L.A.* '59 p 136-42

CATALOGS, College

American association of collegiate registrars and admission officers. Committee on catalogues. Catalogues are for students too. The committee '58 p35-6

CATALOGS, Library

Columbia university. School of library service. Subject analysis of library materials; papers presented at an inst. June 24-28, 1952; ed. with an introd. by Maurice F. Tauber. The school '53 incl bibliog

Grosser, D. Divided catalog: a summary of the literature. *Lib Resources & Tech Serv* 2:238-52 Fall '58 annot

Jayne, Sears Reynolds. *Library catalogues of the English renaissance*. Univ. of Calif. press '56 225p

Nicolini, Simonetta. *Bibliografia degli antichi cataloghi a stampa di biblioteche italiane, secoli XVII e XVIII*. (Contributi alla Biblioteca bibliog. italiana, 5) Sansoni '54 132p

Shera, Jesse Hauk, and Egan, Margaret Elizabeth. *Classified catalog; basic principles and practices; with a code for the construction and maintenance of the classified catalog* by Jeannette M. Lynn and Zola Hilton. *A.L.A.* '56 p 122-7

Taylor, Archer. *Book catalogues; their varieties and uses*. Newberry lib. '57 p223-70 annot

CATALOGS, Subject

Aschenborn, Hans Jürgen. *Sachkatalogisierung seit Trebst; eine zusammenstellung der deutschen literatur über fragen der sachkatalogisierung seit 1930*. (Museum, no 15-17) Univ. van Suid-Afrika '57 3v

CATALOGS, Union

Brummel, Leendert. *Union catalogues, their problems and organization*. (UNESCO bibliog. handbks, 6) UNESCO '56 p88-91

See also

Bibliographical centers

CATALONIA

History

Sanabre Sanromá, José. *La acción de Francia en Cataluña en la pugna por la hegemonía de Europa, 1640-1659*. Real acad. de buenas letras de Barcelona '56 p ix-xvi

Industries and resources

Romeva y Ferrer, Pablo. *Història de la indústria catalana*. The author '52 2v v 1, p435-8

CATALYSIS

Advances in catalysis and related subjects. v51-111 Academic press '53-'59 7v incl bibliog

Boudart, M. J. and others. Heterogeneous catalysis. *Ind & Eng Chem* 48:568-9; 50: 488 Mr '56, Mr '58

Boudart, M. J. and Parravano, G. Chemisorption and surface catalysis. *Ind & Eng Chem* 49:613 Mr '57

Burwell, R. L. Stereochemistry and heterogeneous catalysis. *Chem R* 57:930-4 O '57

Emmett, Paul Hugh, ed. *Catalysis*. Reinhold '54-'53 6v incl bibliog

Goulard, R. On catalytic recombination rates in hypersonic stagnation heat transfer. *Jet Propulsion* 28:745 N '58

Long, F. A. and Paul, M. A. Application of the H_0 acidity function to kinetics and mechanisms of acid catalysis. *Chem R* 57: 1004-10 O '57

CATAPHORESIS. See Electrophoresis

CATARACT

Light, A. E. and others. Effects of dietary supplements in preventing or augmenting the production of cataracts in rats by 1,4-dimethane-sulfonoxymethane. *J Nutrition* 60: 170-2 O '56

CATERPILLARS

Madge, P. E. Ecology of oncopera fasciculata (Walker) (lepidoptera: hepialidae) in South Australia. *Australian J Zool* 4:326, 345, 357; 5:215; 6:25 D '56, J1 '57, My '58

CATHARI. See Albigenses

CATHARISTS. See Albigenses

CATHEDRALS

France

See also

Paris—Notre Dame (cathedral)

CATHEDRALS (canon law)

Didier, Noël. Les églises de Sisteron et de Forcalquier du XI^e siècle à la Révolution; le problème de la concathédralité. (Grenoble. Univ. Faculté de droit. Essais et travaux, 4) Dalloz '54 p vii-xviii

CATHER, Willa Sibert, 1873-1947

Hutchinson, P. M. Writings of Willa Cather; a list of works by and about her. *N Y Pub Lib Bul* 60:267-88, 338-56, 378-400 Je-Ag '56 annot

CATHERINE of Siena, Saint, 1347-1388

Zanini, Lina. *Bibliografia analitica di Santa Catarina da Siena, 1901-1950*. (In *Miscellanea del Centro di studi medievali*. (Pubblicazioni, new ser, v58) Univ. cattolica del S Cuore '56 p325-74) annot

CATHERINE II, empress of Russia, 1729-1796

Wormser, Olga. Catherine II. (Portraits de l'histoire, 7) Club français du livre '57 p317-27

CATHODE rays

Roberts, E. A. and Proctor, B. E. Comparative effect of ionizing radiations and heat upon the starch containing cells of the potato tuber. *Food Res* 20:262-3 My '55

CATHODES

Poehler, Horst Albin. Influence of the core material on the thermionic emission of oxide cathodes. The author '51 p31-2

CATHOLIC apostolic church

Eggenberger, Oswald. Die neupostolische gemeinde; ihre geschichte und lehre. (Beiträge zur evangelischen theologie; theologische abh, v 18) Kaiser '53 p7-12

CATHOLIC book week

Catholic library association. Guidebook of CBW activities; comp. by Sister Mary Reparatrice. The association '58 p 101-3

CATHOLIC church

Bibliographie. See numbers of *Nouvelle revue théologique*

Bouwhuis, A. L. Some books on Catholic theology and related topics. The author '59 6p

Catholic church. Pope. Pope Pius XII and theological studies; ed. by Vincent A. Yzermans. Grail pubs. '57 p98-9

Catholic periodical index. Catholic lib. assn. See numbers

Comptes rendus et notes bibliographiques. See numbers of *Recherches de théologie ancienne et médiévale*

Marygrove college, Detroit. Living church; the voice of the bishops throughout the world. The college '56 p71-82

CATHOLIC church—Continued

Noguez, Léon. *Essai de bibliographie générale à l'usage du clergé*, new rev ed (Questions pastorales, sér B) Union des œuvres catholiques de France '53? 32p

Williams, Michael, and Kernan, Julia. *Catholic church in action*; completely rev. by Zsolt Aradi. Kenedy '58 p632-6

See also

Canon law
Encyclicals, Papal
Monasteries
Monasticism
Papacy
Popes
Priests
Religious orders
Sacraments
Sacred Heart, Devotion to

Bibliography

Ivers, E. F. X. *Bibliography and Catholic theology*. *Cath Lib World* 27:278-9 Mr '56

Catechisms and creeds

Hofinger, Johannes. *Art of teaching Christian doctrine; the good news and its proclamation*. Univ. of Notre Dame press '57 p265-9

Clergy

Shields, Joseph A. *Deprivation of the clerical garb; a historical synopsis and a commentary*. (Catholic univ. of Am. Canon law studies, no334) Catholic univ. of Am. press '58 p 146-52

Doctrinal and controversial works

Dyer, George John. *Denial of limbo and the Jansenist controversy*. (Dissertationes ad lauream, 24) St Mary of the Lake seminary '55 p 183-99

Hallett, Paul H. *What is Catholicity?* World pub. '55 p251-4

Hastings, Cecily. *Catholic evidence; questions and answers*. Sheed '56 p239-41

Kelly, James Patrick, and Ellis, Mary T. *What the church gives us*. Kenedy '55 p 140-50

Kontroverstheologische literatur; auswahl aus den neuerscheinungen, 1951/52 [-1956/57] *Catholica* 9:74-80, 155-60; 10:78-84, 155-60; 11:73-80, 154-60 '53-'58

Loewenich, Walther von. *Der moderne Katholizismus; erscheinung und probleme*. Luther-verlag '55 p433-42

Lombardi, Riccardo. *Salvation of the unbeliever* [tr. from the Italian by Dorothy M. White] Newman press '56 p363-7

McDonnell, Kilian. *Restless Christian*. Sheed '57 p 174-83 annot

Education

Bonner, Philippina. *Analysis of certain factors in the training of Catholic high school teachers*. Catholic univ. of Am. press '57 p 122-7

Frail, Thomas J. *Administrative and instructional provisions for rapid and slow learners in Catholic secondary schools*. (Catholic univ. of Am. Educational research monographs, v20, no 1) Catholic univ. of Am. press '56 p 140-3

Kaiser, Laurina. *Development of the concept and function of the Catholic elementary school in the American parish*. Catholic univ. of Am. press '55 p 126-41

Pita, Enrique B. *Educación cristiana; bibliografía*. Señales '56 48p

Power, Edward J. *History of Catholic higher education in the United States*. Bruce pub. '58 p359-73

Shinn, Anna Hazel. *Study of social living in Catholic women's colleges in the United States*. (Catholic univ. of Am. Educational research monographs, v22, no2) Catholic univ. of Am. press '59 p 143-51

Workshop on integration in the Catholic secondary school curriculum, Catholic university of America, 1952. *Building the integrated curriculum; the proceedings of the Workshop conducted at the Catholic univ. of Am. from June 13 to June 24, 1952*; ed. by Sister Mary Janet Miller. Catholic univ. of Am. press '53 p 161-8

Workshop on the Catholic curriculum and basic reading instruction in elementary education, Catholic university of America, 1952. *Catholic curriculum and basic reading*

instruction in elementary education; the proceedings of the Workshop conducted at the Catholic univ. of Am. from June 13 to June 24, 1952; ed. by Sister M. Marguerite McArdle. Catholic univ. of Am. press '53 p 135-42

Foreign relations

See Catholic church—Relations (diplomatic)

Government

Tiery, Brian. *Foundations of the conciliar theory; the contribution of the medieval canonists from Gratian to the great schism*. (Cambridge studies in medieval thought, new ser, v4) Cambridge '55 p264-74

History

Bibliografia. *See* numbers of *Rivista di storia della chiesa in Italia*

Hales, Edward Elton Young. *Catholic church in the modern world; a survey from the French revolution to the present*. *Double-day* '58 p298-302 annot

Hertling, Ludwig, freiherr von. *History of the Catholic church*; tr. from the German by Anselm Gordon Biggs. Newman press '57 p611-15

Loewenich, Walther von. *Der moderne Katholizismus; erscheinung und probleme*. Luther-verlag '55 p433-42

Neill, Thomas Patrick, and Schmandt, Raymond Henry. *History of the Catholic church*. Bruce pub. '57 incl bibliog

Neuss, Wilhelm. *Die kirche der neuzeit*. (Die katholische kirche im wandel der zeiten und der völker, v3) Bonner buchgemeinde '54 p554-9

Periodical literature. *See* numbers of *Catholic historical review*

Préclín, Edmond, and Jarry, Eugène. *Les luttes politiques et doctrinales au XVII^e et XVIII^e siècles*. (Histoire de l'église depuis les origines jusqu'à nos jours, 19) Bloud & Gay '55-'56 2v vl, p 11-12

See also

Counter-Reformation
Jansenists

Law

See Canon law

Liturgy and ritual

Daniélou, Jean. *Bible and the liturgy*. (Notre Dame. Univ. Liturgical studies, v3) Univ. of Notre Dame press '56 p349-56

Ellard, Gerald. *Master Alcuin, liturgist, a partner of our piety*. (Jesuit studies; contributions to the arts and sciences by members of the Soc. of Jesus) Loyola univ. press '56 p231-49

Klauser, Theodor. *Western liturgy and its history; some reflections on recent studies*; tr. into English by F. L. Cross. Morehouse-Gorham '52 p59-62

McRoberts, David. *Catalogue of Scottish medieval liturgical books and fragments*. Burns '53 28p

Metz, René. *La consécration des vierges dans l'Eglise romaine; étude d'histoire de la liturgie*. Presses univ. de France '54 p21-38

O'Connell, Laurence John. *Book of ceremonies*; rev. by Walter J. Schmitz. Bruce '56 p xvii-xxvi annot

O'Shea, William J. *Worship of the church; a companion to liturgical studies*. Newman press '57 p618-28

Marriage

See Marriage—Catholic church

Missions

Just, Sister Mary. *Digest of Catholic mission history*. (World horizon reps, no 20) Maryknoll pubs. '57 p 109-24 annot

McNamee, Mary Dominica. *Willamette interlude*. Pacific bks. '59 p295-7

Unione missionaria del clero in Italia. *Rome. Bibliografia missionaria*, 1943-1946[-1958] (V 10-22). Tip. ed. M. Pisani '47-'59 13v

See also

Jesuits—Missions
Spanish missions of California

Newspapers

Catholic press directory, 1955-56[-1959] official media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-'59 5v

CATHOLIC church—*Continued*

Oriental rites

Fortescue, Adrian. *Uniate Eastern churches; the Byzantine rite in Italy, Sicily, Syria, and Egypt*; ed. by George D. Smith. Ungar '57 p xi-xxi

Recensiones. See numbers of *Orientalia christiana periodica*

Periodicals

Catholic press directory. 1955-1956[-1959] official media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-'59 5v

Fitzgerald, Catherine Anita. *Union list of Catholic periodicals in Catholic institutions on the Pacific coast*. The author '57 94p

Martin, D. *Catholic periodical history, 1830-1951*. *Cath Lib World* 28:80-3+, 223-32, 341-9, 401-5+ N '56, F, Ap-My '57

Relations

Baum, Gregory. *That they may be one; a study of papal doctrine* (Leo XIII-Pius XII) Newman press '58 p 172-6

Relations (diplomatic)

Hanus, Francis. *Die preussische Vatikan-gesandtschaft, 1747-1920*. (Die geschichte der Vatikanbotschaften und -gesandtschaften, 2) Pohl '54 p419-31

United States. Department of state. Division of library and reference services. *Vatican City in international relations, background and current status*. (Bibliog. list 56) The services '51 4p

Societies

See also

Secular institutes

CATHOLIC church and socialism. See Socialism and Catholic church

CATHOLIC church in Austria

Pritz, Josef, Franz Werner, *ein leben für wahrheit in freiheit; ein beitrags zur geistes- und theologiegeschichte österreichs im 19. jahrhundert*. Herder '57 p276-88

CATHOLIC church in Bavaria

History

Sieweck, Paul, Lothar Anselm, freiherr von Gebtsattel, der erste erzbischof von München und Freising; ein beitrags zur geschichte der katholischen restauration im Königreich Bayern. (Münchener theologische studien. 1. Historische abteilung, v8) Zink '55 p 3-9

CATHOLIC church in Brazil

Rio de Janeiro. Biblioteca nacional. *O catolicismo no Brasil*. Ministério da educação e cultura '55 24p

CATHOLIC church in France

Watmough, David. *Church renaissance; a study in modern French catholicism*. S.P.C.K. '51 p 115-24

CATHOLIC church in Ireland

Delius, Walter. *Geschichte der irischen kirche von ihren anfängen bis zum 12. jahrhundert*. Reinhardt '54 p 143-50

CATHOLIC church in Italy

Bibliografia. See numbers of *Rivista di storia della chiesa in Italia*

CATHOLIC church in Latin America

Ybot León, Antonio. *La iglesia y los eclesiásticos españoles en la empresa de Indias; v 1. Las ideas y los hechos*. (Historia de América y de los pueblos americanos, v 16) Salvat '54 incl bibliog

CATHOLIC church in Mexico

Cassidy, Joseph L. *Mexico, land of Mary's wonders*. St Anthony guild '53 p 191-2

See also

Franciscans in Mexico

CATHOLIC church in Portugal

History

Méndez, Francisco. *Indice-catálogo de la biblioteca del padre E. Flórez, o España sagrada; publicalo, con una breve introd, Angel Custodio Vega*. Real acad. de la historia '52 309p

CATHOLIC church in Spain

See also

Cistercians in Spain

History

Méndez, Francisco. *Indice-catálogo de la biblioteca del padre E. Flórez, o España sagrada; publicalo, con una breve introd, Angel Custodio Vega*. Real acad. de la historia '52 309p

CATHOLIC church in the United States

Cross, Robert D. *Emergence of liberal Catholicism in America*. Harvard univ. press '58 p295-312

Ellis, John Tracy. *American Catholicism*. (Chicago history of Am. civilization; Chicago. Univ. Charles R. Walgreen foundation for the study of Am. insts. Lectures) Univ. of Chicago press '56 p 188-97 annot

Melville, Annabelle (McConnell). *Jean Le-fevre de Cheverus, 1768-1836*. Bruce pub. '58 p507-14

Vollmar, Edward R. *Catholic church in America: an historical bibliography*. Scarecrow '56 354p

History

Hertling, Ludwig, freiherr von. *Geschichte der katholischen kirche in den Vereinigten Staaten*. Morus-verlag '54 p322-5

Missions

Rahill, Peter James. *Catholic Indian missions and Grant's peace policy, 1870-1884; foreword by Edwin V. O'Hara*. Catholic Univ. of Am. press '53 p349-60

CATHOLIC literature

Allison, Antony Francis, and Rogers, David Morrison. *Catalogue of Catholic books in English printed abroad or secretly in England, 1558-1640*. (Biographical studies, v3, no3-4) Arundel press '56 2v

Best in Catholic reading, 1954[-1959] *Cath Lib World* 25:121-3; 26:103-8; 27:147-53; 28:164-70; 29:191-9; 30:195-204 Ja '54, Ja '55, Ja '56, Ja '57, Ja '58, Ja '59 annot

Bibliotheca catholica neerlandica, impressa 1500-1727. Nijhoff '54 669p

Catholic booklist, 1956[-1959] ed. for the Catholic lib. assn. by Sister Stella Maris. St Catherine junior college '56-'59 4v annot

Catholic library association. *Books for Catholic colleges, 1953-1955*. ALA '56 64p

Catholic library association. *Western Pennsylvania unit. World of books; leisure reading for Catholic youth*. The association '56 30p

Catholic periodical index. Catholic lib. assn. See numbers

Focus; Catholic background reading for the orientation of college and university students; Clifford M. Lewis, editor. Nat. Newman club federation '56 84p

Guide to Catholic literature, 1952-1955[-1958] an annot. bibliog. of bks, principally by Catholic auths, on the constitution, doctrine, discipline, liturgy, history, and literature of the Catholic church. Catholic lib. assn. '55-'59 5v

Hurley, Richard James. *Your library; how to organize an elementary school library*. Catholic univ. of Am. press '56 p47-56

Standard catalog for high school libraries; a sel. catalog of 3,585 bks; ed. by Dorothy Herbert West and Marion L. McConnell [and] Catholic supplement, 1957 ed; sel. by a com. of the Catholic lib. assn. Helen L. Butler, chairman, under the auspices of Marywood college, Scranton, Pennsylvania, 7th ed (Standard catalog ser) Wilson '57 1123p

—1958[-1959] sup to th 7th ed, 1957; with Catholic sup, 1958[-1959] (Standard catalog ser) Wilson '58-'59 2v annot

Bibliography

Ivers, E. F. X. *Bibliography and Catholic theology*. Cath Lib World 27:278-9 Mr '56

CATIONS

Hyde, B. B. and Paliwal, R. L. *Studies on the role of cations in the structure and behavior of plant chromosomes*. Am J Bot 45:437-8 Je '58

Morczek, Adolf. *Ionisierende strahlen und der haushalt anorganischer kationen; ein beitrags zur biologischen wirkung energiereicher strahlen*. Thieme '57 p99-106

CATLIN, George, 1796-1872

McCracken, Harold. *George Catlin and the Old frontier*. Dial press '59 p212-14

CATS

Jude, A. C. *Cat genetics*. All-Pets bks. '55 p 120-2

CATS—Continued

- Komai, T. and Ishihara, T. On the origin of the male tortoiseshell cat. *J Heredity* 47:291 N '56

Diseases and pests

- Bloom, Frank. Pathology of the dog and cat: the genitourinary system, with clinical considerations. Am. veterinary pubs. '54 incl bibliog
- Riser, W. H. Feline diseases. *Am Vet Med Assn J* 125:243 S '54

CATTLE

- Armstrong, T. V. Variations in the gross composition of milk as related to the breed of the cow: a review and critical evaluation of literature of the United States and Canada. *J Dairy Sci* 42:17-19 Ja '59
- Commonwealth bureau of dairy science. Dairy science abstracts. The bureau. See numbers
- Towne, Charles Wayland, and Wentworth, Edward Norris. *Cattle & men*. Univ. of Okla. press '55 p341-53
- Winchester, Clarence Floyd, and Ellis, Ned Royce. Delayed growth of beef cattle. (U.S. Dept. of agriculture. Technical bul. no 1159) U.S. Gov. ptg. office '57 p25-6

Breeding

See Cattle breeding

Diseases and pests

- Diseases of cattle, a text and reference work (by) fifty-seven authors; eds. M. G. Fincher [and others] Am. veterinary pubs. '56 incl bibliog
- Gabel, A. A. and others. Trichomoniasis in an artificial insemination bull stud. *Am Vet Med Assn J* 128:123 F 1 '56
- Kendrick, J. W. and others. Infectious pustular vulvovaginitis of cattle. *Cornell Vet* 48:493-5 O '58
- Kingrey, B. W. Experimental bovine traumatic gastritis. *Am Vet Med Assn J* 127:481-2 D '55
- Laing, John Archibald. Trichomonas foetus infection of cattle. (FAO agricultural studies, no33) Food & agriculture organization of the United Nations '56 p37-9
- Ryff, J. F. Brisket disease syndrome. *Am Vet Med Assn J* 131:430 N 1 '57
- Shaw, J. C. Ketosis in dairy cattle. *J Dairy Sci* 39:429-34 Ap '56
- Tjalma, R. A. and Smith, I. M. Q fever in Iowa dairy cattle. *Am Vet Med Assn J* 133:609-19 D 15 '58

See also

- Abortion in animals
- Bloating
- Hemorrhagic septicemia
- Q fever
- Warts
- X disease of cattle

Feeding

- Anthony, W. B. and Reid, J. T. Methoxyl as an indicator of the nutritive value of forage. *J Dairy Sci* 41:1720-2 D '58
- Bentley, O. G. and others. Effect of trace minerals on growth performance and vitamin B₁₂ synthesis of steers. *J Animal Sci* 13:800-1 N '54
- Bohman, V. R. and others. Effect of animal fat and protein supplements on range beef cattle. *J Animal Sci* 18:576-7 My '59
- Browning, C. B. and others. Milk response from feeding diethylstilbestrol to identical-twin cows during complete lactations. *J Dairy Sci* 40:1597-8 D '57
- Colvin, H. W. and others. Dietary influences on eructation and related ruminal phenomena in cattle. *J Dairy Sci* 41:1578-9 N '58
- Erwin, E. S. and others. Effects of chlortetracycline, inedible animal fat, stilbestrol and high and low quality roughage on performance of yearling steers. *J Animal Sci* 15:720-1 Ag '56
- Garrett, W. N. and others. Comparative energy requirements of sheep and cattle for maintenance and gain. *J Animal Sci* 18:546-7 My '59
- Geurin, H. B. and others. Cob portion of ground ear corn as sole roughage for fattening cattle. *J Animal Sci* 14:805-6 Ag '55
- Johnson, D. and others. Effect of addition of inedible tallow to a calf starter fed to Holstein calves. *J Dairy Sci* 39:1277-9 S '56
- Marshall, S. P. and others. Effects of feeding aureomycin to dairy calves. *J Dairy Sci* 40:1247-9 O '57

- Mather, R. E. Can dairy cattle be bred for increased forage consumption and efficiency of utilization? *J Dairy Sci* 42:884-5 My '59
- Matrone, G. and others. Study of iron and copper requirements of dairy calves. *J Dairy Sci* 40:1446-7 N '57
- Nevens, William Barbour, and others. High-protein corn as a source of protein for dairy cows. (Bul. 586) Agricultural experiment station, Univ. of Ill. '55 p21
- Radisson, J. J. and others. Mode of action of antibiotics in the nutrition of the dairy calf. *J Dairy Sci* 39:1266-7, 1393-5 S-O '56
- Winchester, Clarence Floyd, and Howe, Paul E. Relative effects of continuous and interrupted growth on beef steers. (U.S. Dept. of agriculture. Technical bul. no 1108) U.S. Gov. ptg. office '55 p33-4

See also

- Calves—Feeding
- Cows—Feeding
- Pastures and meadows

Physiology

- Brown, Connell Jean. Heritability of weight and certain body dimensions of beef calves at weaning. (Bul. 597) Agricultural experiment station, Univ. of Ark. '58 p27-9
- Dale, Homer Eldon, and others. Environmental physiology and shelter engineering; with special reference to domestic animals. (Research bul. 608) Agricultural experiment station, Univ. of Mo. '56 p16-17
- Greenstein, J. S. and Foley, R. C. Early embryology of the cow. *J Dairy Sci* 41:420-1 Mr '58
- Grimes, R. M. and others. Bovine fetal hemoglobin. *J Dairy Sci* 41:1532-3 N '58
- Hitchcock, Glen H. and others. Rate and efficiency of gains in beef cattle. (Technical Bul. 34) Agricultural experiment station, Ore. state college '55 p21-2
- Lengemann, F. W. and Allen, N. N. Development of rumen function in the dairy calf. *J Dairy Sci* 38:656; 42:1180-1 Je '55, J1 '59
- MacDonald, M. A. and others. Rate and efficiency of gains in beef cattle; 4. Blood hemoglobin, glucose, urea, amino acid nitrogen, creatinine, and uric acid of growing Hereford and Angus calves. (Technical bul. 36) Agricultural experiment station, Ore. state college '56 p33-4
- McDowell, R. E. Physiological approaches to animal climatology. *J Heredity* 49:59-61 Mr '58
- Puntriagno, G. O. Physiological basis of brisket disease in cattle. *Am Vet Med Assn J* 125:329 O '54
- Reid, J. T. and others. Some relationships among the major chemical components of the bovine body and their application to nutritional investigations. *J Dairy Sci* 38:1357-9 D '55

Africa

- Joshi, N. R. and others. Types and breeds of African cattle. (FAO agricultural studies, no37) Food & agriculture organization of the United Nations '57 p291-7
- Same; with title: Les bovins d'Afrique; types et races. (Etudes agricoles de la FAO, no37) Food & agriculture organization of the United Nations '57 p311-17
- Same; with title: Tipos y razas de bovinos africanos. (FAO estudios agropecuarios, no 37) Food & agriculture organization of the United Nations '58 p303-9

Southwest

- Gray, James Arthur. Cattle ranches; organization, costs, and returns, southwestern semiarid nonmigratory grazing area 1940-54. (Bul. 403) Agricultural experiment station, N.Mex. A & M college '56 p82-7

CATTLE breeding

- Asdell, Sydney Arthur. Cattle fertility and sterility. Little '55 incl bibliog
- Brown, Connell Jean. Heritability of weight and certain body dimensions of beef calves at weaning. (Bul. 597) Agricultural experiment station, Univ. of Ark. '58 p27-9
- Burcham, Lee T. California range land: an historico-ecological study of the range resource of California. Div. of forestry, Dept. of nat. resources, State of Calif. '57 p236-47
- Dziuk, P. J. and others. Problems associated with the transfer of ova between cattle. (Technical bul. 222) Agricultural experiment station, Univ. of Minn. '58 incl bibliog

CATTLE breeding—Continued

- Hultnäs, C. A. Studies on variation in mating behaviour and semen picture in young bulls of the Swedish red-and-white breed and on causes of this variation. *Acta Ag Scand* 6 sup:81-2 '59
- Hutchison, D. A. and others. Reproduction in the West Virginia university dairy herds. (Bul. 412T) Agricultural experiment station, W. Va. univ. '58 p 15-16
- Kincaid, C. M. and Carter, R. C. Estimates of genetic and phenotypic parameters in beef cattle. *J. Animal Sci* 17:683; 18:329-30, 335 Ag '58, F '59
- King Ranch corporation, Kingsville, Texas. Breeding beef cattle for unfavorable environments; a symposium presented at the King Ranch centennial conference; ed. by Albert O. Rhoad. Univ. of Tex. press '55 incl bibliog
- Lindley, C. E. and others. Study of the reproductive performance of a purebred Hereford herd. *J. Animal Sci* 17:341-2 My '58
- Lush, J. L. and McGilliard, L. D. Proving dairy sires and dams. *J. Dairy Sci* 38:178-80 F '55
- Mather, R. E. Can dairy cattle be bred for increased forage consumption and efficiency of utilization? *J. Dairy Sci* 42:384-5 My '59
- Moore, K. L. and others. Sex chromatin of the bovine freemartin. *J. Exp Zool* 135: 118-21 Je '57
- Morrison, Roger Albert, and Erb, Ralph Eugene. Factors influencing prolificacy of cattle; I. Reproductive capacity and sterility rate. (Technical bul. 25) Wash. agricultural experiment stations, State college of Wash. '57 p36-40
- Rendel, J. Studies of cattle blood groups. *Acta Ag Scand* 8 no 1:61; no2:160-1, 189-90 '58
- Roberts, S. J. Evaluation of uterine infusions for the treatment of infertility in cattle. *Cornell Vet* 46:34-6 Ja '56
- Rollins, W. C. and others. Gestation length in an inbred Jersey herd. *J. Dairy Sci* 39: 1592-3 N '56
- Roubicek, Carl Ben, and others. Range cattle production; a literature review. (Rep. no 133, 135-136, 138, 143, 146, 149, 154) Agricultural experiment station, Univ. of Ariz. '56-57 8v
- Shreffler, D. C. and Touchberry, R. W. Effects of crossbreeding on rate of growth in dairy cattle. *J. Dairy Sci* 42:619-20 Ap '59
- Touchberry, R. W. and others. Associations between service interval, interval from first service to conception, number of services per conception, and level of butterfat production. *J. Dairy Sci* 42:1169-70 Jl '59
- Witt, M. Bericht über die auf dem gebiete der niederungsviehzuucht in der zeit von 1945-1954 veröffentlichten arbeiten. *Züchtungskunde* 28 no 1:3-28 '56

CATTLE grubs. See Warble flies**CATTLE ranges. See Ranges****CATTLE trade**

- Frink, Maurice. When grass was king; contributions to the Western Range cattle industry study. Univ. of Colo. press '56 incl bibliog

*See also***Cowboys****CAUCASIA**

- Traho, E. Literature on Checheno-Ingushes and Karachay-Balkars. *Caucasian R* no 5: 79-96 '57

CAUCASUS

- Advaye, R. Bibliographical guide to recent literature on the Caucasus published in the USSR and abroad. *Caucasian R* no3:128-9 '57

Ethnography

- Traho, R. Literature on Circassia and the Circassians. *Caucasian R* no 1:145-62 '55

CAUSATION

- Bunge, Mario Augusto. Causality: the place of the causal principle in modern science. Harvard univ. press '59 p354-64
- Cassirer, Ernst. Determinism and indeterminism in modern physics; historical and systematic studies of the problem of causality; tr. by O. Theodor Benfey; with a pref. by Henry Margenau. Yale univ. press '56 p214-16

CAVALCANTI, Guido. d 1300

- Cavalcanti, Guido. Le rime, a cura di Guido Favati. (Documenti di filologia, 1) Ricciardi '57 p421-6

CAVELL, Edith, 1865-1915

- Hoehling, Adolph A. Whisper of eternity; the mystery of Edith Cavell. Yoseloff '57 p 185-6

CAVERNS. See Caves**CAVES**

- Dropa, Anton. Demänovské jaskyne; krasové zjavy Demänovskej doliny. Vydavateľstvo Slovenskej akadémie vied '57 p283-6
- Folsom, Franklin. Exploring American caves; their history, geology, lore and location; a spelunker's guide. Crown '56 p270-2 annot
- Kowalski, Kazimierz. Jaskinie Polski. The author '51-'54 3v incl bibliog
- Longworth, Polly. Exploring caves. Crowell '59 p 165-9

CAVIES. See Guinea pigs**CAVITATION**

- Knapp, R. T. Recent investigations of the mechanics of cavitation and cavitation damage. *Am Soc Mech Eng Trans* 77:1054 O '55
- Robertson, J. M. Water tunnels for hydraulic investigations. *Am Soc Mech Eng Trans* 78:102-4 Ja '56

CAYLEY, Sir George, 6th bart, 1773-1857

- Pritchard, J. L. Sir George Cayley, bart; the father of British aeronautics. Roy Aero Sci J 59:108-9 F '55

CAZALS, Frederic Auguste, 1865-1941

- Verlaine, Paul Marie. Lettres inédites de Verlaine à Cazals; avec une introd. des notes et de nombreux docs. inédits. Droz '57 p299

CEASARS. See Roman emperors**CELL division (bacteriology)**

- Campbell, A. Synchronization of cell division. *Bact R* 21:271-2 D '57

CELL division (biology)

- Swann, M. M. and Mitchison, J. M. Mechanism of cleavage in animal cells. Cambridge Philos Soc Biol R 33:132-5 F '58
- Taylor, J. H. Time and mode of duplication of chromosomes. *Am Natur* 91:219-21 Jl '57

*See also***Karyokinesis****CELL division (botany)**

- Bannan, M. W. Relative frequency of the different types of anticlinal divisions in conifer cambium. *Can J Bot* 35:883-4 N '57
- Bannan, M. W. Some aspects of the elongation of fusiform cambial cells in *Thuja occidentalis* L. *Can J Bot* 34:193-6 Ja '56
- Greulach, V. A. and Haesloop, J. G. Influence of gibberellic acid on cell division and cell elongation in *Phaseolus vulgaris*. *Am J Bot* 45:570 Jl '58
- Spoerl, E. and Looney, D. Phosphorus metabolism in yeast accompanying an inhibition of cell division by X-rays. *J Bact* 76: 68-9 Jl '58

CELL metabolism

- Ciba foundation Ciba foundation symposium on ionizing radiations and cell metabolism; eds: G. E. W. Wolstenholme and Cecilia M. O'Connor. Little '56 incl bibliog

CELLS

- Ackermann, W. W. Cellular aspects of the cell-virus relationship. *Bact R* 22:236-9 D '58
- Brachet, Jean. Biochemical cytology. Academic press '57 incl bibliog
- Butler, John Alfred Valentine. Inside the living cell; some secrets of life. Basic bks. '59 p 167-70
- Conference on dynamics of proliferating tissues. Upton, New York, 1956. Dynamics of proliferating tissues, edited by Dorothy Price. (Developmental biology conference ser, 1956) Univ. of Chicago press '58 p89-96
- Deodikar, G. B. and others. Cyto-genetic studies in Indian honey-bees. *Ind Acad Sci Proc secB* 49:205-6 Mr '59
- Downes, Helen Rupert. Chemistry of living cells. (Harper's chemistry ser) Harper '55 incl bibliog
- Engström, Arne, and Finean, J. B. Biological ultrastructure. Academic press '58 incl bibliog
- General cytochemical methods. v 1. Academic press '58 incl bibliog
- Giese, Arthur Charles. Cell physiology. Saunders '57 incl bibliog
- Gottschalk, W. Die cytologie der kulturtomate und ihrer wildwachsenden verwandten. *Bib-llog Genet* 17 no1:1-109 '56

CELLS—Continued

- International symposium on cytodifferentiation, Brown university, 1956. Cytodifferentiation; ed. by Dorothea Rudnick. (Developmental biology conference ser. 1956) Univ. of Chicago press '58 p 132-48
- Ma, W. C. Formation of new epidermal cells during the process of wound-healing on the rabbit's ear. *Scientia Sinica* 5:129-31 Mr '56
- Markarov, P. Über ungelöste probleme der gegenwärtigen zytologie. Halle Univ Wiss Z Math Naturw Reihe 6:564-7 JI '57
- Mellors, Robert C. ed. Analytical cytology; methods for studying cellular form and function; foreword by Francis O. Schmitt. McGraw '55 incl bibliog
- New York academy of sciences. Cellular biology, nucleic acids and viruses, by V. G. Allfrey (and others) consulting ed: Thomas M. Rivers. (Special pubs, v5) The academy '57 incl bibliog
- Palay, Sanford L. ed. Frontiers in cytology. Yale univ. press '53 incl bibliog
- Rieger, Rigomar, and Michaelis, Arnd. Genetisches und cytogetenisches wörterbuch. 2d enl ed Springer '53 p597-648
- Sclufner, E. Respiration of spissula eggs. *Biol Bul* 109:121-2 Ag '55
- Society for the study of development and growth. Cell, organism and milieu [17th symposium of the Society] ed. by Dorothea Rudnick, Ronald '59 incl bibliog
- Society for the study of development and growth. Developmental cytology [16th symposium of the Society] ed. by Dorothea Rudnick, Ronald '59 incl bibliog
- Steinberg, M. S. On the chemical bonds between animal cells. *Am Natur* 92:78-81 Mr '58
- Swanson, Carl P. Cytology and cytogenetics. Prentice-Hall '57 p536-82
- Texas. University. Medical branch, Galveston. Host-parasite relationships in living cells; a symposium, sponsored by the James W. McLaughlin fellowship program, Apr. 27, 1956; comp. and ed. by Harriet M. Felton. Thomas '57 incl bibliog
- Thomas, J. André, ed. Problèmes de structures, d'ultrastructures et de fonctions cellulaires; cristaux, enzymes, acide désoxyribonuclease, membrane et perméabilité, adhésivité, jonctions, neurone, cellule cancéreuse, spermatozoïde, effets de lésions du sympathique. (Biocytologia; exposés actuels de biologie cellulaire, 1955) Masson '55 incl bibliog
- Townes, P. L. and Holtfreter, J. Directed movements and selective adhesion of embryonic amphibian cells. *J Exp Zool* 128: 117-20 F '55
- United States. Brookhaven national laboratory, Upton, New York. Chemistry and physiology of the nucleus; proceedings of the symposium held Aug, 1951, by the Biology department. (Experimental cell research, sup2, 1952) Academie press '52 incl bibliog
- White, Philip Rodney. Cultivation of animal and plant cells. Ronald '54 p203-18
- Willmer, Edward Nevill. Tissue culture; the growth and differentiation of normal tissues in artificial media. 3d ed rev (Methuen's monographs in biological subjects) Wiley '58 p 155-84
- Ziegler, D. W. and others. Propagation of mammalian cells in a 20-liter stainless steel fermentor. *Ap Microbiol* 6:309-10 S '58
- Zirkle, Raymond Elliott, ed. Symposium on molecular biology. Univ. of Chicago press '59 incl bibliog
- See also*
- Bacterial cells
 - Chromatin
 - Chromatophores
 - Cytoplasm
 - Epithelium
 - Germ cells
 - Golgi apparatus
 - Histochemistry
 - Mitochondria
 - Nuclei, Cellular
 - Osmosis
 - Phagocytes and phagocytosis
 - Plant cells and tissues
 - Protoplasm
 - Regeneration (biology)
- CELLULASES**
- Mandels, M. and Reese, E. T. Induction of cellulase in *trichoderma viride* as influenced by carbon sources and metals. *J Bact* 73:277-8 F '57

CELLULOSE

- Ellis, W. C. and Pfander, W. H. Influence of varied cellulose and nitrogen levels upon ration digestibility and nitrogen balance of lambs fed semipurified rations. *J Nutrition* 65:248-50 Je '58
- Kamstra, L. D. and others. Effect of stage of maturity and lignification on the digestion of cellulose in forage plants by rumen microorganisms in vitro. *J Animal Sci* 17: 207-8 F '58
- Reese, E. T. Enzymatic hydrolysis of cellulose. *Ap Microb* 4:44-5 Ja '56
- Testing**
- Korn, Rudolph, and Burgstaller, Friedrich. Papier- und zellstoffprüfung. 2d enl ed (Handbuch der werkstoffprüfung, v4) Springer '53 p412-14, 423
- CELTIC 'calendar.** See Calendar, Celtic
- CELTIC languages**
- Bibliotheca celtica*; a register of pubs. relating to Wales and the Celtic peoples & languages, 1953[-1957] (ser3, v 1-5) Nat. lib. of Wales '54-'58 5v
- See also*
- Welsh language
- CELTIC literature**
- See also*
- Welsh literature
- CELTIC philology**
- Pisani, Vittore. Allgemeine und vergleichende sprachwissenschaft: indogermanistik [von] Vittore Pisani; Keltologie [von] Julius Pokorny. (Wissenschaftliche forschungsberichte, Geisteswissenschaftliche reihe, v2) Francke '53 199p
- CELTS**
- Bonser, Wilfrid. Anglo-Saxon and Celtic bibliography (450-1087) Univ. of Calif. press '57 2v
- Powell, Thomas George Eyre. Celts. (Ancient peoples and places, v6) Praeger '58 p 189-209
- See also*
- Picts
- CELTS in Central Europe**
- Filip, Jan. Keltové ve Střední Evropě. (Československá akad. věd. Sekce filosofie a historie. Monumenta archaeologica: acta praehistorica, protohistorica et historica, v5) Nakl. Československé akad. věd. '56 p427-43
- CEMENT**
- American society for testing materials. Cement and concrete [papers] presented at the 2d Pacific area nat. meeting [of the Society [at] Los Angeles, Calif. Sept. 19 and 20, 1956. (Special technical pub. no205) The society '58 incl bibliog
- Bogue, Robert Herman. Chemistry of portland cement. 2d ed Reinhold '55 incl bibliog
- Cement and concrete association, London. Bibliography of cement and concrete; list of bks. and papers in London. lib. arr. in chronological order. 3d ed The association '52 96p
- Current reviews of significant contributions in foreign and domestic publications. See numbers of American concrete institute. Journal
- McGregor, Duncan J. Cement raw materials in Indiana. (Bul. no 15) Ind. Geological survey '58 p87-8
- Tomes, L. A. and others. Some factors affecting the surface area of hydrated portland cement as determined by water-vapor and nitrogen adsorption. *J Res Nat Bur Stand* 59:363-4 D '57
- See also*
- Concrete
- Testing**
- Garston, England. Building research station. Reactions between aggregates and cement. (Nat. building studies. Research paper, 14-15, 17) H.M.S.O. '52 3v incl bibliog
- Neville, A. M. Role of cement in the creep of mortar. *Am Concrete Inst J* 30:983-4 Mr '59
- CEMENT industries**
- Blanks, Robert F. and Kennedy, Henry L. Technology of cement and concrete. Wiley '55 incl bibliog
- CEMENTERIES**
- Schweizer, Johannes. Kirchhof und friedhof; eine darstellung der beiden haupttypen europäischer begräbnisstätten. Oberösterreichischer landesverlag '56 p xvi-xxxii
- CENDRARS, Blaise, 1887-**
- Oeuvres de Blaise Cendrars; essai de bibliographie. Biblio 24:9-10 Mr '56

CENSORSHIP

Blanshard, Paul. Right to read; the battle against censorship. Beacon press '55 p315-18
See also

Prohibited books
World war, 1939-1945—Censorship

CENSORSHIP (canon law)

Wiest, Donald Herman. Precensorship of books (canons 1384-1386, 1392-1394, 2318 ¶ 2) a history and a commentary. (Catholic univ. of Am. Canon law studies, no329) Catholic univ. of Am. press '53 p 172-83

CENSUS

United nations. Statistical office. Handbook of population census methods. (Studies in methods, serR, no5, rev 1) The office '58 2v v 1. p 160-3

United States

New York. State library, Albany. New York state and federal census records; an inventory (rev. 1956) prepared by Edna L. Jacobsen. (Bibliog. bul. 81) Univ. of the State of N.Y. press '57 7p

CENTRAL AFRICA. See Africa, Central**CENTRAL AFRICAN federation.** See Federation of Rhodesia and Nyasaland**CENTRAL AMERICA**

Agrupación bibliográfica cubana José Toribio Medina. Bibliografía de Centroamérica y del Caribe. 1956. The group '58 173p

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Mittelamerika und karibischer raum; stand: mai 1956. (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung, no 10) The library '56 114p

Antiquities

Deevey, Edward S. Limnologic studies in Middle America; with a chapter on Aztec limnology. (Conn. acad. of arts and sciences. Transactions, v39) Yale univ. press '57 p318-28

Toscana, Salvador. Arte precolombino de México y de la América central. 2d ed Inst. de investigaciones estéticas, Univ. nacional autónoma de México '52 incl bibliog

Civilization

Adams, R. N. Cultural components of Central America. Am Anthropol 58:906-7 O '56

Politics

Martz, John D. Central America; the crisis and the challenge. Univ. of N.C. press '59 p347-9

CENTRAL ASIA. See Asia, Central**CENTRAL EUROPE**

Byrnes, Robert Francis. Bibliography of American publications on East Central Europe, 1945-1957. (Pubs. Slavic and East European ser. v 12) Ind. univ. '5-? 213p

Horna, Dagmar, and others, eds. Current research on central and eastern Europe. (Pub. no28) Mid-European studies center, Free Europe com. '56 251p

Recent periodical literature. See numbers of Journal of Central European affairs

Roucek, J. S. Recent American literature on Central-Eastern-Balkan Europe, 1945-1956. Z Ostforsch 7 no 2:270-92 '58

See also

Europe, Eastern

Antiquities

Filip, Jan. Keltové ve Střední Evropě. (Československá akad. věd, Sekce filosofie a historie, Monumenta archaeologica: acta praehistorica, protohistorica et historica, v5) Nakl. Československé akad. věd. '56 p427-43

Periodicals

Stanford university. Hoover institution on war, revolution, and peace. Periodicals and newspapers concerning East-Central and East Europe in the library of the Institution, 1958: a checklist. The institute '58? 22p

Politics

Meyer, Henry Cord. Mitteleuropa in German thought and action, 1815-1945. (Int. scholars forum; a ser. of bks. by Am. scholars, 4) Nijhoff '55 p346-65

CENTRAL Valley project, California

Baker, Clyde C. and Hansen, Hugh G. Central Valley project: federal or state? (1955 legislative problems, no8) Bur. of public adm, Univ. of Calif. '55 p42

CENTRIFUGES

London. Science museum. Science library. Some recent references to centrifuges (mainly industrial applications). (Bibliog. ser, no738) The library '55 4p

Maloney, J. O. and Flood, J. E. Centrifugation. Ind & Eng Chem 47:519; 48:485; 50:429; 51:345 Mr '55. Mr '56. Mr '58. Mr '59

CENTROMERES (botany)

Marks, G. E. Telocentric chromosomes. Am Natur 91:231-2 J1 '57

CEPHALOPODA

Lane, Frank Walter. Kingdom of the octopus; the life-history of the cephalopoda. Jarrolds '57 p231-63

Voss, G. L. Cephalopoda obtained by the Harvard-Havana expedition off the coast of Cuba, 1938-39. Bul Marine Sci Gulf & Carib 5:112-15 Je '55

Voss, G. L. Review of cephalopods of the Gulf of Mexico. Bul Marine Sci Gulf & Carib 6:174-8 Je '56

CEPHALOPODA. Fossil

Flower, R. H. New chazyan orthocones. J Paleont 29:829-30 S '55

Flower, R. H. Some Chazyan and Mohawkian endoceratida. J Paleont 32:457-8 My '58

Flower, R. H. Status of endoceroid classification. J Paleont 29:370-1 My '55

Hanai, T. Lower cretaceous belemnites from Miyako district, Japan. Japan J Geol & Geog 23:79-80 Mr '53

Sweet, W. C. Middle ordovician of the Oslo region. Norway: nautiloid cephalopods. Norsk Geol Tids 38 no 1:171-6 '58

Sweet, W. C. Muscle-attachment impressions in some paleozoic nautiloid cephalopods. J Paleont 33:303-4 Mr '59

See also

Ammonoidea

Nautiloidea, Fossil

CERAMIC materials

Access to Soviet literature on ceramics. Am Cer Soc Bul 36:377-8 S '57

Bowen, Charles Henry. Data for interpretation of differential thermal curves. (Engineering experiment station. Circ. no56; Engineering ser, v23, no3) Ohio state univ. '54 p9-11

Bowen, Oliver E. Geology and mineral deposits of Barstow quadrangle, San Bernardino county, California; and Thermal properties of ceramic materials from Barstow quadrangle, California, by Joseph A. Pask and Oliver E. Bowen. (Bul. 165) Calif. Div. of mines '54 p 183-5, 199

Koenig, Charles Jacob. Literature abstracts of ceramic applications of nepheline syenite. (Engineering ser. v27, no 1) Ohio. State univ. Columbus '58 63p

Metzger, Arthur Joseph. Annotated bibliography of articles on light weight ceramics. (Bul. no 110) Va. Engineering experiment station '56 42p

Metzger, Arthur Joseph. Patents on light weight ceramics. (Bul. no 111) Va. Engineering experiment station '56 69p

Mitchell, L. and Lennon, J. W. Ceramics. Ind & Eng Chem 47:1961-2; 48:1707-9; 49:1592; 50:1437 S '55. S '56. S '57. S '58

Radiation effects on ceramics. Am Cer Soc Bul 36:374 S '57

Sheffield, England. Free public libraries and museum. Science and commerce library. Ceramic tools; a sel. bibliography. (Research bibliogs, new ser, no64) The library '57 2p

Van Houten, G. R. Survey of the bonding of cermets to metals. Welding J 37 sup:567-9 D '58

CERAMICS. See Pottery**CERATOPOGONIDAE**

Saunders, L. G. Revision of the genus forcipomyia based on characters of all stages (diptera, ceratopogonidae) Can J Zool 34: 705 D '56

Wirth, W. W. New species and records of biting midges ectoparasitic on insects (diptera, heleidae) Entom Soc Am Ann 49:363-4 J1 '56

CEREALS. See Grain**CEREALS as food**

Feldberg, C. and Hetzel, C. P. Role of lysine in cereal food products. Food Tech 12:499-500 O '58

CEREALS as food—Continued

Rand, N. T. and Collins, V. K. Improving cereals with defatted wheat germ. Food Tech 12:588-9 N '58

CEREBELLUM

Dow, Robert Stone, and Moruzzi, Giuseppe. Physiology and pathology of the cerebellum. Univ. of Minn. press '58 p565-634

Tumors

Crue, Benjamin L. Medulloblastoma. (Am. lecture ser, no339) Thomas '58 p 182-204
McIntosh Nicol, A. A. Lindau's disease in five generations. Ann Hum Genet 22:15 O '57

CEREBRAL cortex. See Brain

CEREBRAL localization. See Brain—Localization of functions

CEREBRAL palsy. See Paralysis, Cerebral

CEREMONIES. See Rites and ceremonies

CERFAUX, Lucien, 1883-

Cerfaux, Lucien. Recueil Lucien Cerfaux; études d'exégèse et d'histoire religieuse, réunies à l'occasion de son soixante-dixième anniversaire. (Ephemerides theologiae Lovanienses. Bibliotheca v6-7) Duculot '54 2v v 1, p xxxiii-xliii

CERIUM compounds

Petzold, Walter. Die cerimetrie und die anwendung der ferroine als massanalytische redoxindikatoren; eine zusammenfassende darstellung. hrsg. von E. Merck AG, Darmstadt. Verlag Chemie '55 p242-307

CERVANTES SAAVEDRA, Miguel de, 1547-1616

Linsalata, Carmine Rocco. Smollett's hoax: Don Quixote in English. (Stanford univ. Pubs. Univ. ser: Language and literature, v 14) Stanford univ. press '56 p 113-14
Marrast, Robert. Miguel de Cervantes, dramaturge. (Les Grands dramaturges, 17) L'Arche '57 p 152-6
Sedó Peris-Mencheta, Juan. Catálogo de la colección cervantina Sedó; redactado por Luis María Plaza Escudero. Porter '53-'55 3v
Supplements inserted in v3

Vindel, Francisco. Cervantina (23 abril 1958) In memoriam. Don Alfredo Ramírez Tomé, iniciador del Día de Cervantes. Noticias inéditas sobre la primera edición académica del Quijote de 1780. La Quijotitis, cáncer literario incurable. The author '58 30p

CESBRON, Gilbert, 1913-

Oeuvres de Gilbert Cesbron; essai de bibliographie. Biblio 27:13 Ag '59

ČESKÉ BUDEJOVICE, Czechoslovakia

Pletzer, Karel. Soupis vlastivědné literatury o Českých Budějovicích. Nákl. Krasjkého vlastivědného musea '52 57p

CESTODA. See Tapeworms

CEYLON**Economic conditions**

Oliver, Henry Madison. Economic opinion and policy in Ceylon. (Duke univ. Commonwealth-studies center. Pub. no6) Duke univ. press '57 p 131-7

Economic policy

Oliver, Henry Madison. Economic opinion and policy in Ceylon. (Duke univ. Commonwealth-studies center. Pub. no6) Duke univ. press '57 p 131-7

CEZANNE, Paul, 1839-1906

Cézanne, Paul. Drawings [text by] Alfred Neumeyer. (Bittner art bk) Yoseloff '58 p33
Perruchot, Henri. La vie de Cézanne. Hachette '56 p422-30

Raynal, Maurice. Cézanne; biographical and critical studies; tr. by James Emmons. (Taste of our time 8) Skira '56 p 126-9

Untersteiner, Gabriella. L'œuvre di Emile Zola e i suoi rapporti con Cézanne; indicazioni bibliografiche. La Goliardica '57 42p

CHAETOGNATHA. See Arrowworms

CHAGALL, Marc, 1887-

Venturi, Lionello. Chagall; biographical and critical study; tr. by S. J. C. Harrison and James Emmons. (Taste of our time, v 18) Skira '56 p 108-13

CHALCEDON, Council of, 451

Grillmeier, Alois, and Bacht, Heinrich, eds. Das konzil von Chalcedon; geschichte und gegenwart. Echter-verlag '61-'54 3v v3, p825-65

CHALK downs

Perring, F. Theoretical approach to a study of chalk grassland. J Ecol 46:678-9 N '58

CHAMPIGNONS. See Mushrooms

CHAMPLAIN valley

Cone, Gertrude. Selective bibliography of publications on the Champlain valley. The author '59 144p annot

CHAMSON, André, 1900-

Oeuvres d'André Chamson; essai de bibliographie. Biblio 25:10-11 Ap '57

CHANGE, Social. See Social change

CHANGE of life in women. See Menopause

CHANNELS

Bradley, J. N. and Peterka, A. J. Hydraulic design of stilling basins: small basins for pipe or open channel outlets—no tail water required (basin VI) Am Soc Civil Eng Proc 83[HY 5 no 1406]:6-8 O '57

CHANNING, William Ellery, 1780-1842

Brown, Arthur W. Always young for liberty; a biography of William Ellery Channing. Syracuse univ. press '56 p245-61 annot
Edgell, David Palmer. William Ellery Channing; an intellectual portrait. Beacon press '55 p235-9

CHANSON de Roland

Junker, A. Stand der forschung zum Rolandslied. Germ-Roman Monatssch 37: 97-144 Ap '56

CHANSON de geste

Roussel, H. Où en sont les études sur les chansons de geste françaises? Inf Litt 11: 47-54, 93-9 Mr-My '59

See also

Chanson de Roland

CHAPMAN, David Leonard, 1869-1958

Bowen, E. J. David Leonard Chapman. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p43-4)

CHAPMAN, George, 1559?-1634

Lord, George de Forest. Homeric renaissance; the odyssey of George Chapman. (Yale univ. Studies in English, v 131) Yale univ. press '56 p219-24

Rees, Ennis. Tragedies of George Chapman: renaissance ethics in action. Harvard univ. press '54 p 187-90

CHAPMAN, Herman Haupt, 1874-

Bibliography of Herman Haupt Chapman, 1874-, B.S. Minn, 1896; B.A.Gr [sic] Minn, 1899; M.F. Yale, 1904; D.Sc, 1947, Minn. Period covered, 1896-1956. The author '56 40p

CHAPOUTHIER, Fernand, 1899-1953

Demargne, P. Fernand Chapouthier; avec une liste de ses publications. R Archéol 47:208-11 Ap '56

CHARACEAE. See Stoneworts

CHARACTER

Ligon, Ernest Mayfield. Dimensions of character. Macmillan '56 p471-82 annot

See also

Christian life
Conduct of life
Temperament

CHARACTER education

Bryson, Olive Flora. Vital contributions to character. Vantage '56 incl bibliog
Castle, Edgar Bradshaw. Moral education in Christian times. Macmillan '58 p378-84
Gaumnitz, Walter Herbert, and Hill, Wilhelm. Developing moral and spiritual values in the public schools; a bibliography. (Circ. no383) U.S. Office of education '53 8p
Hartford, Ellis F. comp. Public schools, religion, and values; a ser. of addresses on teaching of moral and spiritual values in public schools. (Bul. v28, no4) Bur. of school services. College of education, Univ. of Ky. '56 p49-51

McCluskey, Neil Gerard. Public schools and moral education; the influence of Horace Mann. William Torrey Harris and John Dewey. Columbia univ. press '58 p277-304
Riehl, Gladys M. Techniques and theories for teaching moral and spiritual values in the public schools. (Curriculum bul. v 12, no 166) School of education, Univ. of Ore. '56 p 10-14

Sorenson, Roy, and Dimock, Hedley Seldon. Designing education in values; a case study in institutional change. Assn. press '55 p349-57

See also

Religious education

CHARACTER tests

See also

Personality tests

CHARACTERS and characteristics in literature

See also

Livres à clefs

CHARCOAL

Skolnick, H. Observations on fusain. *Am Assn Pet Geol Bul* 42:2235-6 S '58

CHARCOT, Jean Martin, 1825-1893

Guillain, Georges. J.-M. Charcot, 1825-1893; sa vie, son œuvre. *Masson* '55 p 183-6—Same; with title: J. M. Charcot, 1825-1893; his life—his work; ed. and tr. by Pearce Bailey. *Harper* '59 p 189-93

CHARDIN, Pierre Teilhard de. See Teilhard de Chardin, P.

CHARGING systems (libraries)

Geer, Helen Thornton. Charging systems. *A.L.A.* '55 p 169-77

CHARITIES

Deutscher verein für öffentliche und private fürsorge. Beiträge zur entwicklung der deutschen fürsorge; 75 jahre Deutscher verein. (Schriften) Heymann '55 incl bibliog

Ferguson, Thomas. Scottish social welfare, 1864-1914. *Livingstone* '58 p587-97Greenfield, Margaret. Medical care for welfare recipients; basic problems. (Legislative problems, 1957, no3) *Bur. of public adm, Univ. of Calif.* '57 p80-3Kuenstler, Peter, ed. Social group work in in Great Britain. *Faber* '55 p 165-72Ochsner, Gertrud. Invalidenfürsorge und invalidenversicherung in der Schweiz. *Brunner & Bodmer* '54 p9-19

Pennsylvania. University. Survey and a statement of principles on tax-supported medical institutional care for the needy and medically needy of Pennsylvania, by a faculty committee for the Dept. of welfare, Commonwealth of Pennsylvania. The university '57 p319-39

See also

Corporations—Charitable contributions

Jews—Charities

Social settlements

Social work

CHARLES II, king of Great Britain, 1630-1685

Alden, John Eliot. Muses mourn; a checklist of verse occasioned by the death of Charles II. *Bibliog. soc, Univ. of Va.* '58 62p annot

CHARLES V, emperor of the Holy Roman empire, 1500-1558

Tyler, Royall. Emperor Charles the fifth; foreword by Carl J. Burckhardt. *Essential bks.* '56 p357-69 annot

CHARLES, Vera Katherine, 1877-1954

Cash, E. K. Vera K. Charles. *Mycologia* 47: 264-5 Mr '55

CHARLESTOWN, New Hampshire

Frizell, Martha McD. and others. Second history of Charlestown, New Hampshire; the old number four; embracing a summary of the early history of the town from its settlement to 1876 and more particularly developments and events in the town from 1876 to 1954. *Courier ptg. co.* '55 p430-3

CHARLIER, Gustave, 1885-

Charlier, Gustave. De Montaigne à Verlaine; nouveaux problèmes d'histoire littéraire, suivis d'une bibliog. choisie établie par Roland Mortier. *La Renaissance du livre* '57 ix p (at end)

CHARNEY, Samuel, 1884-1955

Jeshurun, Ephim H. Samuel Niger (Charney) bibliography. *Kultur un Dertsung* 26:369 F '56

CHARNOCKITE

Eskola, P. On the mineral facies of charnockites. *Madras Univ J secB* 27:117-19 Ja '57Pichamuthu, Charles S. Charnockite problem. *Mysore geologists' assn.* '53 p 149-63Subramaniam, A. P. Charnockites of the type area near Madras; a reinterpretation. *Am J Sci* 257:346-7 My '59

CHARTIER, Emile, 1868-1951

Paris. Bibliothèque nationale. Alain; exposition de manuscrits, de livres et de divers souvenirs; introd. par André Maurois; préf. par Julien Cain. *The library* '55 53p

CHARTISM

Schoyen, Albert Robert. Chartist challenge; a portrait of George Julian Harney. (Kingswood social history ser) *Macmillan* '58 p287-94

CHARTOGRAPHY. See Cartography

CHARTS

Stroecker, Edwin C. Guide to federal map and chart publications, 1937-1953; index. (Aspects of librarianship, no8) *Dept. of lib. science, Kent state univ.* '55 32pUnited States. Foreign agricultural service. List of maps and charts. *The service* '55 42pUnited States. Office of naval operations. United States Navy weather charts. *The office* '56 19p

See also

Aeronautic charts

Nautical charts

CHARTULARIES. See Cartularies

CHASUBLES. See Church vestments

CHATEAUBRIAND, François Auguste René, vicomte de, 1768-1848

Moreau, Pierre. Chateaubriand; l'homme et l'œuvre (Connaissance des lettres, 46)

Hatier-Boivin '56 p203-6

CHAUCER, Geoffrey, 1340?-1400

Baldwin, Ralph. Unity of the Canterbury tales. (Anglistica, v5) *Rosenkilde & Bagger* '55 p 111-12Coghill, Nevill. Geoffrey Chaucer. (Bibliog. ser. of supps. to British bk. news, no79) *Longmans* '56 p64-7Markarewicz, Sister Mary Raynelda. Patristic influence on Chaucer. *Catholic univ. of Am. press* '53 p233-44Schaar, Claes. Golden mirror; studies in Chaucer's descriptive technique and its literary background. (Humanistiska vetenskapssamfundet i Lund. Skrifter, 54) *Gleerup* '55 p515-26

CHAUSSON, Ernest, 1855-1899

Barricelli, Jean Pierre, and Weinstein, Leo. Ernest Chausson; the composer's life and works. *Univ. of Okla. press* '55 p209-12

CHAZARS. See Khazars

CHEESE making

Emmons, D. B. and others. Effect of skim-milk heat treatments on cottage cheese manufacture. *J Dairy Sci* 42:1030-1 Je '59Ernstrom, C. A. and others. Effects of reducing rennet and adding calcium chloride on the manufacture and curing of Cheddar cheese. *J Dairy Sci* 41:68-9 Ja '58Kosikowski, Frank V. and Mocquot, Germain. Advances in cheese technology. (FAO agricultural studies, no38) *Food & agriculture organization of the United nations* '58 p205-25—Same; with title: Progrès de la technologie du fromage. (Etudes agricoles de la FAO, no38) *Food & agriculture organization of the United nations* '58 p233-53—Same; with title: Recientes progresos en la tecnología del queso. (FAO estudios agropecuarios, no38) *Food & agriculture organization of the United nation* '58 p224-43

CHEEVER, George Barrell, 1807-1890

York, Robert Maurice, George B. Cheever, religious and social reformer, 1807-1890. (Studies, ser2, no69; *Bul.* v57, no 12) *Univ. of Me.* '55 p225-33

CHEIROPTERA. See Bats

CHELATION

Chelates in plant nutrition. *Soil Sci* 84:1-97 J1 '57 incl bibliogLankford, C. E. and others. Chelating agents in growth initiation of bacillus globigii. *J Bact* 74:747-8 D '57Millar, J. R. Some aspects of chelating and complexing resins. *Chem & Ind* no20:609-12 My 18 '57Wallace, Arthur, ed. Symposium on the use of metal chelates in plant nutrition. *Nat. press* '56 incl bibliog

CHELČICKÝ, Petr, ca 1390-1460

Petrů, Eduard. Soupis díla Petra Chelčického a literatury o něm. (Olomouc, Moravia. Univ. knihovna. Publikace, no5/1957) *Státní pedagogické nakl.* '57 218p

CHEMICAL apparatus

Müller, R. H. Instrumentation. *Anal Chem* 30:738-9 Ap '58Willard, Hobart Hurd, and others. Instrumental methods of analysis. 3d ed *Van Nostrand* '58 incl bibliog

See also

Absorption apparatus

CHEMICAL bonds

Steinberg, M. S. On the chemical bonds between animal cells. *Am Natur* 92:78-81 Mr '58

CHEMICAL compounds*See also*

Amines
 Boron compounds
 Cerium compounds
 Chelation
 Fluorine compounds
 Fluorine organic compounds
 Heterocyclic compounds
 Nitrogen compounds
 Silicon organic compounds
 Tetrazolium compounds

CHEMICAL elements

Weeks, Mary Elvira. Discovery of the elements; ed. with a chapter on Elements discovered by atomic bombardment, by Henry M. Leicester. 6th ed enl & rev Journal of chemical education '56 incl bibliog

CHEMICAL engineering

Advances in chemical engineering, v 1[-2] Academic press '56-'58 2v incl bibliog
 Brownell, Lloyd Earl, and Young, Edwin Harold. Process equipment design. Wiley '59 p317-22

Campbell, Donald Pierce. Process dynamics [dynamic behavior of the production process] Wiley '58 incl bibliog

Chemical engineering: materials of construction. Ind & Eng Chem 47:1945-2064; 48: 1695-1801; 49:1578-1662; 50:1426-98; 51:1156-1230 S '55, S '56, S '57, S '58, S '59 incl bibliog

Chemical engineering: unit processes. Ind & Eng Chem 47:1825-2064; 48:1551-1694; 49: 1459-1576; 50:1318-1425; 51:1055-1154 S '55, S '56, S '57, S '58, S '59 incl bibliog

Clarke, Ronald James. Process engineering in the food industries. Philosophical lib. '57 incl bibliog

Coulson, John Metcalfe, and Richardson, John Francis. Chemical engineering. (McGraw-Hill ser. in chemical engineering) McGraw '54-'55 2v incl bibliog

Fundamentals of chemical engineering. Ind & Eng Chem 47:591-670; 48:561-684; 49:538-626; 50:503-68; 51:399-480 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59 incl bibliog

Hammond, Rolt. Dispersion of materials. (Physical processes in the chemical industry, v2) Philosophical lib. '58 incl bibliog

Hammond, Rolt. Separation and purification of materials. (Physical processes in the chemical industry, v 1) Philosophical lib. '58 incl bibliog

Happel, John. Chemical process economics. Wiley '58 incl bibliog

Larlan, Maurice Gregor. Fundamentals of chemical engineering operations. (Prentice-Hall chemical engineering ser) Prentice-Hall '58 incl bibliog

Research round up for 1955-1958] of chemical engineering theses. Chem Eng Prog 52: 39J-42J; 53:46J-49J; 54:75-8; 55:66-8 Ja '56, Ja '57, Ja '58, Ja '59

Treybal, Robert Ewald. Mass-transfer operations. (McGraw-Hill ser. in chemical engineering) McGraw '55 incl bibliog

Unit operations in chemical engineering. Ind & Eng Chem 47:501-89; 48:467-559; 49: 457-537; 50:421-502; 51:337-97 Mr '56, Mr '57, Mr '58, Mr '59 incl bibliog

Weaver, J. B. More help in finding cost data. Chem Eng 62:247-52 Je '55

Winnacker, Karl, and Weingaertner, Ernst, eds. Chemische technologie; unter mitarbeit von Chr. Aumüller [et al] Hanser '50-'54 5v incl bibliog

Your design reference file. See numbers of Chemical engineering

See also

Chemistry, Technical
 Leaching
 Metallurgy

Apparatus and supplies*See also*

Heat exchangers

Periodicals

Birket-Smith, Frederik, and others. Fortegnelse over kemiske tidsskrifter og tidsskrifter af kemisk interesse i danske biblioteker. Kemisk forening '53 216p

CHEMICAL equilibrium

Huber, N. K. Environmental control of sedimentary iron minerals. Econ Geol 53: 139-40 Mr '58

Lenoir, J. M. and White, G. A. Predicting convergence pressure. Pet Refiner 37:181 Mr '58

See also

Phase rule and equilibrium

CHEMICAL geology. See Mineralogical chemistry

CHEMICAL industries

Aries, Robert Saucier. Marketing research in the chemical industry. Chemonomics, inc. '55? p51-6

Beer, John Joseph. Emergence of the German dye industry. (Ill. studies in the social sciences, v44) Univ. of Ill. press '59 p 153-7

Chemistry in the Philippines; ed. by Amando Clemente [and others] Philippines chamber of industries '54 incl bibliog

Shreve, Randolph Norris. Chemical process industries. 2d ed (McGraw-Hill ser. in chemical engineering) McGraw '56 incl bibliog

See also

Chemistry, Technical

CHEMICAL plants

Chemical engineering: materials of construction. Ind & Eng Chem 47:1945-2064; 48: 1695-1801; 49:1578-1662; 50:1426-98; 51:1156-1230 S '55, S '56, S '57, S '58, S '59 incl bibliog

Katell, Sidney. Bibliography of investment and operating costs for chemical and petroleum plants, July 1954-December 1956. (Information circ. 7847) U.S. Bur. of mines '58 100p

Costs

Weaver, J. B. Chemical cost and profitability estimation; 1958 annual review. Ind & Eng Chem 51:689-96 My '59

Weaver, J. B. More help in finding cost data. Chem Eng 62:247-52 Je '55

Safety measures

McKinley, C. and Himmelberger, F. Oxygen plant safety principles. Chem Eng Prog 53:120-1 Mr '57

CHEMICAL reaction

Bosworth, Richard Charles Leslie. Transport processes in applied chemistry; the flow of physical properties in chemical reactors. Pitman '56 incl bibliog

Burchfield, H. P. and Storrs, E. E. Chemical structures and dissociation constants of amino acids, peptides, and proteins in relation to their reaction rates with 2,4-dichloro-6-(o-chloroanilino)-s-triazine. Boyce Thompson Inst Contrib 13:417-18 O '56

Burr, John G. Tracer applications for the study of organic reactions. Interscience '57 incl bibliog

Garvin, D. and Naumann, R. A. Rate theory and homogeneous reactions. Ind & Eng Chem 47:598-9; 48:579-81 Mr '55, Mr '56

Long, F. A. and Paul, M. A. Application of the H_0 acidity function to kinetics and mechanisms of acid catalysis. Chem R 57: 1004-10 O '57

Stott, Richard Whitefield. Electronic theory and chemical reactions; an elementary treatment. 4th ed Longmans '58 incl bibliog

Surrey, Alexander Robert. Name reactions in organic chemistry. Academic press '54 incl bibliog

See also

Alkylation
 Amination
 Decomposition
 Esterification
 Friedel-Crafts reaction
 Halogenation
 Hydration
 Hydrogenation
 Hydrolysis
 Isomerization
 Nitration
 Oxidation
 Phosphorylation
 Precipitation (chemistry)
 Pyrolysis
 Reduction. Chemical
 Sulfation
 Sulfonation

CHEMICAL reduction. See Reduction, Chemical

CHEMICAL society of Philadelphia

Hepburn, J. S. Chemical society of Philadelphia and certain local institutions. Franklin Inst J 261:543-6 My '56

CHEMICAL technology. See Chemistry, Technical

CHEMICAL tests and reagents

Hopkins and Williams, limited. Organic reagents for metals and other reagent monographs; ed. by W. C. Johnson. 5th ed The firm '55 incl bibliog

CHEMICALS

See also

Insects, Effect of chemicals on
Surface active substances

Manufacture and industry

Winnacker, Karl, and Weingaertner, Ernst, eds. *Chemische technologie; unter mitarbeit von Chr. Aumüller [et al]* Hanser '50-'54 5v incl bibliog

See also

Chemical industries

CHEMISORPTION. See Adsorption

CHEMISTRY

Ahrens, Maurice R. and others. *Living chemistry*. 2d rev ed Ginn '57 incl bibliog
American chemical society. Division of chemical literature. *Titles of papers delivered before the Division, 1943-1953. The division* '53 46pAngerstein, Halina, and others. *Piśmiennictwo chemiczne w Polsce Ludowej [1944-1954] praca zbiorowa. Państwowe wydawn. techniczne* '55 206pAuer, E. *Chemical literature of Switzerland*. Am Doc 6:228-36 O '55 annot

Bibliografia brasileira de química, 1950/55. (V. 1) Inst. brasileiro de bibliografia e documentação '57? 185p

Bibliography of papers published by L. Zechmeister and co-authors in the fields of chemistry and biochemistry, 1913-1958. Springer '58 22p

Chemical abstracts; key to the world's chemical literature. Am. chemical soc. See numbers

Compton, Charles Daniel. *Introduction to chemistry*. Van Nostrand '58 incl bibliogCragg, Laurence Harold, and Graham, Ronald Powell. *Introduction to the principles of chemistry*. Rinehart '55 p719-20Crane, Evan Jay, and Patterson, Austin M. *Guide to the literature of chemistry*; 2d ed [by the auths. and] Eleanor B. Marr. Wiley '57 397pCummins, Archibald Ernest, and Vince, S. *German books on chemical and cognate subjects published 1950-1953*. Lange, Maxwell & Springer '54 64p

Current chemical papers; a classified world list of new papers in pure chemistry. Chemical soc. See numbers

Dyson, George Malcolm. *Short guide to chemical literature*. 2d ed Longmans '58 157pFrey, Paul Reheard. *College chemistry*. 2d ed (Prentice-Hall chemistry ser) Prentice-Hall '58 incl bibliogGáspár, Margit. *A magyar kémiai irodalom bibliográfiája, 1926-1955. Akadémiai kiadó* '57-'58 2vHall, A. R. and DeLoach, W. S. *Treatment of ionization in general chemistry textbooks, 1887-1940*. Sci Educ 39:322-3 O '55Hanč, Oldrich. *Chemická literatura, její dokumentace a použití*. Nakl. Československé akad věd. '54 422pJaffe, Bernard. *New world of chemistry; science in the service of man*. 4th ed Silver '55 incl bibliogKing, George Brooks, and Caldwell, William E. *Fundamentals of college chemistry*. 3d ed Am. bk. co. '59 incl bibliog

Kompendien-katalog physik und chemie. Koehler & Voelckmar '54 195p

Linda Hall library, Kansas City, Missouri. *Chemistry (excluding chemical technology) a list of bks. in the Library*. (Bibliog. bul. no 14) The library '57 100pMellon, Melvin Guy. *Chemical publications, their nature and use*. 3d ed McGraw '58 327pNederlandse chemische vereniging. *Catalogus van de historische boeken der Vereniging in bruikleen geplaatst in het Rijksmuseum voor de geschiedenis der natuurwetenschappen; bijgewerkt tot 1. Aug. 1954*. The association '54 43pNitz, Otto William. *Introductory chemistry*. Van Nostrand '56 incl bibliog

Roger Adams symposium; papers presented at a symposium in honor of Roger Adams at the Univ. of Ill, Sept. 3 and 4, 1954; contributors: Wallace R. Brode [and others] Wiley '55 incl bibliog

Science abstracts of China. *Chemistry and chemical technology*. Inst. of scientific information, Acad. sinica. See numbersTimm, John Arrend. *General chemistry*. 3d ed McGraw '56 incl bibliogUnited States. National institutes of health. *List of Russian review papers in biology and medicine; comp. by Zelda D. Knowles*. The institute '59 30pWatt, George Willard. *Basic concepts in chemistry*. McGraw '58 incl bibliog

See also

Agricultural chemistry

Alchemy

Biochemistry

Botanical chemistry

Catalysis

Combustion

Crystallization

Electrochemistry

Evaporation

Explosives

Fermentation

Geochemistry

Microchemistry

Oxidation

Photochemistry

Photographic chemistry

Radicals (chemistry)

Solids

Solution (chemistry)

Stereochemistry

Demonstrations

Demonstration abstracts. See numbers of
Journal of chemical education

History

Boas, Marie, Robert Boyle and seventeenth-century chemistry. Cambridge '58 p233-5

Irwin, Keith Gordon. *Romance of chemistry; from ancient alchemy to nuclear fission*. Viking '59 p 143-4Leicester, Henry Marshall. *Historical background of chemistry*. Wiley '56 incl bibliog

Periodicals

Birket-Smith, Frederik, and others. *Fortegnelse over kemiske tidsskrifter og tidsskrifter af kemisk interesse i danske biblioteker*. Kemisk forening '53 216pGeorgia-Florida committee for planning research library cooperation. *Union list of serial holdings in chemistry and allied fields at Emory university, the Georgia institute of technology, Florida state university, the University of Florida, the University of Georgia, and the University of Miami*; comp. for the Committee by Richard B. Harwell. Southern regional education board '55 99pPrague. *Výzkumný ústav pro farmácii a biochemii. Soupis některých chemických časopisů v knihovnách ČSR*. 3d ed The institute '55 99pSmith, J. F. *Scandinavian chemical literature*. J Chem Educ 33:136-7 M '56Van Luik, James, ed, and others. *Analysis of 150 chemical and technical journals, and a guide to the pharmacological literature*. Purdue univ. '56 1vVan Luik, James, and others, eds. *Searching the chemical and chemical engineering literature; with an analysis of 229 journals and handbooks*. 2d ed rev & enl Purdue univ. '57 1v

Textbooks

Chemical education book exhibit, 1955 [-1959] J Chem Educ 32:46+; 33:A387+; 34:A417+; 35:A423+; 36:A535+ S '55, S '56, S '57, S '58, S '59

CHEMISTRY, Agricultural. See Agricultural chemistry

CHEMISTRY, Analytic

American public health association. *Occupational health section. Committee on chemical procedures. Methods for determining lead in air and in biological materials*. 2d rev ed The association '55 p65-9

Analytical abstracts. Soc. for analytical chemistry. See numbers

Bibliografický přehled analytické chemie anorganické, 1945-1952[-1954] výběrový seznam čs. a cizojazyčné časopisecké literatury ze zvláštním zaměřením k rozborům metalurgickým. (Příručka, no41, 51, 59) Státní vědecká knihovna v Ostravě '53-'55 4v

Büchner, Manfred, and Gabsch, Hans Christian. *Moderne chemische methoden in der klinik, unter besonderer berücksichtigung physikalisch-chemischer analysenverfahren; mit besonderer unterstützung durch K. Schwabe [et al]* Thieme '56 incl bibliog

CHEMISTRY, Analytic—Continued

Delahay, Paul. Instrumental analysis. Macmillan '57 incl bibliog
Imperial chemical industries, limited. Analytical chemists' committee. Analytical chemistry; the working tools; ed. by C. R. N. Strouts [and others] Oxford '55 2v incl bibliog

Iwantschew, Georg. Das dithizon und seine anwendung in der mikro- und spuren-analyse; mit einem geleitwort von Hellmuth Fischer. Verlag Chemie '58 p234-57

Lederer, Michael. Introduction to paper electrophoresis and related methods. Elsevier '55 incl bibliog

Lodge, J. P. and Tufts, B. J. Techniques for the chemical identification of micron and submicron particles. Tellus 8:190 My '56

Patterson, G. D. Automatic operations in analytical chemistry. Anal Chem 27:585-9; 29:612-14; 31:653-5 Ap '55, Ap '57, Ap '59
Review of analytical chemistry. Anal Chem 27:574-690; 28:559-782; 29:589-734; 30:553-72; 31:632-789 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59 incl bibliog

Wagner, Walter, and others. Advanced analytical chemistry. Reinhold '56 incl bibliog

Willard, Hobart Hurd, and others. Instrumental methods of analysis. 3d ed Van Nostrand '58 incl bibliog

See also

Chromatographic analysis
Colorimetric analysis
Electrochemical analysis
Fluorometric analysis
Gravimetric analysis
Microanalysis
Polarograph and polarography
Rocks—Analysis
Sampling
Spectrochemistry
Spectrum analysis
Sugar—Analysis
Sugar products—Analysis
Water—Analysis

Qualitative

Fales, Harold Athelstane, and Kenny, Frederick Joseph. Inorganic qualitative analysis; semi-micro technique with estimation of concentration. 3d ed Appleton '55 p260-2
See also

Spot tests (chemistry)

Quantitative

Charlot, Gaston, and Bézier, Denise. Quantitative inorganic analysis; authorized tr. by R. C. Murray. Wiley '57 incl bibliog
Daggett, Albert Frederick, and Meldrum, William Buell. Quantitative analysis. Heath '55 p449-51

Mavrodineanu, Radu, and Boiteux, Henri. L'analyse spectrale quantitative par la flamme; préf. du professeur J. Cabannes. (Pub. de l'Office de la recherche scientifique outre-mer) Masson '54 incl bibliog
See also

Volumetric analysis

CHEMISTRY, Applied. See Chemistry, Technical

CHEMISTRY, Biological. See Biochemistry

CHEMISTRY, Botanical. See Botanical chemistry

CHEMISTRY, Industrial. See Chemistry, Technical

CHEMISTRY, Inorganic

Bibliografický přehled analytické chemie anorganické, 1945-1952[-1954] výběrový seznam čs. a cizojazyčné časopisecké literatury ze zvláštním zaměřením k rozborům metalurgickým. (Příručka, no41, 51, 59) Státní vědecká knihovna v Ostravě '53-'55 4v

Charlot, Gaston, and Bézier, Denise. Quantitative inorganic analysis; authorized tr. by R. C. Murray. Wiley '57 incl bibliog

Fales, Harold Athelstane, and Kenny, Frederick Joseph. Inorganic qualitative analysis; semi-micro technique with estimation of concentration. 3d ed Appleton '55 p260-2

Gilreath, Esmarch S. Fundamental concepts of inorganic chemistry. McGraw '58 incl bibliog

Gould, Edwin Sheldon. Inorganic reactions and structure. Holt '55 incl bibliog

Inorganic syntheses. (V5) McGraw '57 incl bibliog

Mellor, Joseph William. Supplement to Mellor's Comprehensive treatise on inorganic and theoretical chemistry; prepared under the direction of an editorial board; sup2, pt 1. Longmans '56 incl bibliog

Remy, Heinrich. Treatise on inorganic chemistry; tr. by J. S. Anderson; ed. by J. Kleinberg. Elsevier '56 2v incl bibliog

Stranks, D. R. and Wilkins, R. G. Isotopic tracer investigations of mechanism and structure in inorganic chemistry. Chem R 57:354-66 O '57

See also

Earths, Rare Metals

CHEMISTRY, Medical and pharmaceutical

Advances in clinical chemistry, v 1. Academic press '58 incl bibliog

Archibald, R. M. Clinical chemistry. Anal Chem 27:679 Ap '55

Bovet, D. Isoterism and competitive phenomena in drugs. Science 129:1263-4 My 8 '59

Büchner, Manfred, and Gabsch, Hans Christian. Moderne chemische methoden in der klinik, unter besonderer berücksichtigung physikalisch-chemischer analysenverfahren; mit besonderer unterstützung durch K. Schwabe [et al] Thieme '56 incl bibliog

Chemical abstracts. See numbers of American perfumer

Kingsley, G. R. Clinical chemistry. Anal Chem 29:622-4; 31:668-74 Ap '57, Ap '59

Lowe, D. J. Selected list of books for the pharmaceutical industry. Sp Lib 45:87-92 F '54

See also

Drugs
Materia medica
Pharmacy

CHEMISTRY, Organic

Astle, Melvin Jensen, and Shelton, James Reid. Organic chemistry. 2d ed Harper '59 p745-6

Burr, John G. Tracer applications for the study of organic reactions. Interscience '57 incl bibliog

Fieser, Louis Frederick, and Fieser, Mary A. (Peters). Organic chemistry. 3d ed Heath '56 incl bibliog

Finar, Ivor Lionel. Organic chemistry; v2, Stereochemistry and the chemistry of natural products. Longmans '56 incl bibliog

Gould, C. W. Characterization of organic compounds. Anal Chem 28:782 Ap '56

Hatch, Lewis Frederic. Organic chemistry. McGraw '55 incl bibliog

Migrdichian, Vartkes. Organic synthesis. Reinhold '57 2v incl bibliog

Muldoon, Hugh Cornelius, and Blake, Martin I. Systematic organic chemistry: theory and applications. McGraw '57 p773-9

Wheland, George Willard. Resonance in organic chemistry. Wiley '55 p785-99

See also

Alkaloids
Amines
Carbohydrates
Cellulose
Essences and essential oils
Food—Chemistry
Glucosides
Heterocyclic compounds
Nitrogen compounds
Organometallic compounds
Phosphorus compounds
Surface active agents

CHEMISTRY, Photographic. See Photographic chemistry

CHEMISTRY, Physical and theoretical

Advances in chemical physics, v 11-21 Interscience '58-'59 2v incl bibliog

Bray, Harold Geoffrey, and White, Kenneth. Kinetics and thermodynamics in biochemistry. Academic press '57 incl bibliog

Brey, Wallace S. Principles of physical chemistry; an introd. to their use in the biological sciences. (Texts in chemistry) Appleton '58 incl bibliog

Crockford, Horace Downs, and Knight, Samuel Bradley. Fundamentals of physical chemistry. Wiley '59 incl bibliog

Daniels, Farrington, and Alberty, Robert A. Physical chemistry. Wiley '55 incl bibliog

George, C. D. and others. Modern physical chemistry. St Joseph's industrial school press '59 p585-7

Hamill, William Henry, and Williams, Russell Raymond. Principles of physical chemistry. (Prentice-Hall chemistry ser) Prentice-Hall '59 p596-8

CHEMISTRY, Physical and theoretical—Cont.
 Kasha, Lilli, and Kasha, Michael. Molecular electronic bibliography; v 1. Molecular quantum mechanics and molecular electronic spectroscopy: early works. Pub. press '58 1v
 Kauzmann, Walter. Quantum chemistry; an introduction. Academic press '57 incl bibliog
 Maron, Samuel Herbert, and Prutton, Carl Frederic. Principles of physical chemistry. 3d ed Macmillan '58 incl bibliog
 Mellor, Joseph William. Supplement to Mellor's Comprehensive treatise on inorganic and theoretical chemistry; prepared under the direction of an editorial board; sup2, pt 1. Longmans '56 incl bibliog
 Moore, Walter John. Physical chemistry. 2d ed (Prentice-Hall chemistry ser) Prentice-Hall '55 incl bibliog
 Oparin, Aleksandr Ivanovich. Origin of life on the earth; tr. from the Russian by Ann Synge. 3d rev & enl ed Academic press '57 incl bibliog
 —Same; with title: Die entstehung des lebens auf der erde; übers. nach der 3. stark veränderten aufl [übers. und wissenschaftliche redaktion: Dieter Bernhardt] Deutscher verlag der wissenschaften '57 incl bibliog
See also

Absorption
 Adsorption
 Atoms
 Catalysis
 Chemical bonds
 Colloids
 Compressibility
 Crystallization
 Crystallography
 Efflorescence
 Electrochemistry
 Electrolytes
 Molecules
 Nuclear physics
 Permeability
 Phase rule and equilibrium
 Photochemistry
 Precipitation (chemistry)
 Quantum theory
 Radiochemistry
 Solids
 Solubility
 Thermal analysis
 Thermochemistry
 Thermodynamics

CHEMISTRY, Physiological. *See* Biochemistry

CHEMISTRY, Technical

Abstracts. *See* numbers of Journal of applied chemistry

Bibliografia brasileira de química tecnologica; periodicos e publicações. Inst. nacional de tecnologia. *See* numbers annot

Brandenberger, Ernst. Chemie des ingenieur; grundlagen zur anwendung in der technik. Springer '58 incl bibliog

Dissertationen, 1952f-1957f auf dem gebiet der chemischen technik und ihrer grundlagen sowie auf angrenzenden fachgebieten. Chemie-ingenieur-technik 26:729-30; 26:689-90; 28:584-7; 29:536-8; 30:526-9; 31:530-5 D '53, D '54, D '56, Ag '57, Ag '58, Ag '59

Industrial and engineering chemistry (periodical). Modern chemical processes; a ser. of articles describing chemical manufacturing plants. (V4-5) Reinhold '56-'58 2v incl bibliog

Linda Hall library, Kansas City, Missouri. Chemical technology; a list of bks. in the library. (Bibliog. bul. no 15) The library '58 94p

Manufacturing chemists' association, incorporated. Chemical industry facts book. 2d ed The association '55 p 140-2

Science abstracts of China. Chemistry and chemical technology. Inst. of scientific information, Acad. sinica. *See* numbers

Taylor, Frank Sherwood. History of industrial chemistry. Abelard-Schuman '57 p436-47

See also

Adhesives
 Alloys
 Bleaching
 Canning and preserving
 Cellulose
 Chemical engineering
 Chemical industries
 Chemicals—Manufacture
 Clay industries

Cleaning compositions
 Corrosion and anti-corrosives
 Distillation
 Dyes and dyeing
 Electrochemistry
 Extraction processes
 Food—Chemistry
 Metallurgical analysis
 Paint
 Sampling
 Tanning
 Textile chemistry
 Waste products

CHEMORECEPTIVITY

Barber, S. B. Chemoreception and proprioception in limulus. J Exp Zool 131:67-9 F '56

Dethier, V. G. Physiology and histology of the contact chemoreceptors of the blowfly. Q R Biol 30:370-1 D '55

Hodgson, E. S. Problems in invertebrate chemoreception. Q R Biol 30:344-7 D '55

CHEMOSURGERY

Mohs, Frederic Edward. Chemosurgery in cancer, gangrene, and infections, featuring a new method for the microscopically controlled excision of cancer. Thomas '56 p293-5

CHEMOTHERAPY

Cover, M. S. Review of the chemotherapy of avian viral and bacterial infections. Am Vet Med Assn J 131:468-9 N 15 '57

Flippin, Harrison F. and Eisenberg, George Mohliver. Antimicrobial therapy in medical practice. Davis '55 p235-50

Masor, Nathan. New psychiatry. Philosophical lib. '59 p 149-52

Mitchell, Roger S. and Bell, James Carroll. Modern chemotherapy of tuberculosis; foreword by William B. Tucker. (Antibiotics monographs, no 11) Medical encyclopedia '58 p81-101

Society for general microbiology. Strategy of chemotherapy; 8th symposium of the Society, held at the Royal inst, London, Apr. 1958. Cambridge '58 incl bibliog

Symposium on chemical concepts of psychosis. Proceedings of the Symposium held at the 2d international congress of psychiatry in Zurich, Switzerland, September 1 to 7, 1957; ed. by Max Rinkel with Herman C. B. Denber. McDowell, Obolensky '58 incl bibliog

United States. National library of medicine. Cancer chemotherapy; a bibliog. of agents, 1946-1954; prepared by Bibliog. sec, Reference div, Armed forces medical library. (Cancer research. Sup. no4, 1956) Univ. of Chicago press '56 267p

Walter, Albert M. and Heilmeyer, Ludwig. Antibiotika-fibel; indikation und anwendung der chemotherapeutika und antibiotika. Thieme '54 incl bibliog

See also

Antibiotics
 Sulfonamides

CHENEY, Monroe George, 1893-1952

Heroy, W. B. Monroe George Cheney (1893-1952) Am Assn Pet Geol Bul 40:445-7 F '56

CHENIER, André Marie, 1762-1794

Fabre, Jean. André Chénier, l'homme et l'œuvre. (Connaissance des lettres, 42) Hatier-Boivin '55 p232-8

CHERIMISSIAN folklore. *See* Folklore, Cheremissian

CHEROKEE Indians

Atlanta. Public library. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of a private collector; ser 10, Cherokee Indians of Ga; with some notices of the Timucuas and the Creeks. The library '55 199-227p annot

CHERWELL, Frederick Alexander Lindemann, 1st viscount, 1886-1957

Thomson, G. F. Frederick Alexander Lindemann, viscount Cherwell. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p69-71)

CHESS

Griffith, Richard Clewin, and White, J. H. Modern chess openings; ed. by Walter Korn; 9th ed. completely rev. by Walter Korn & John W. Collins. Pitman '57 p ix-x

Hagedorn, Ralph. Benjamin Franklin and chess in early America; a review of the literature. Univ. of Pa. press '58 p43-81

CHESS—Continued

Hague. Koninklijke bibliotheek. Bibliotheca Van der Linde-Niemeijeriana; a catalogue of the chess coll. in the Royal lib, the Hague. The library '55 342p

Reinfeld, Fred. How to get more out of chess. Doubleday '57 p 179-85 annot

CHEST

See also

Lungs**Diseases**

Chest disease index and abstracts, including tuberculosis. Chest & heart assn. See numbers

Clinical cardiopulmonary physiology; ed. Albert H. Andrews [and others] Grune '57 incl bibliog

Radiography

Rubin, Eli Hyman. Lung as a mirror of systemic disease. Thomas '56 incl bibliog

Surgery

Borry, John. Management of emergencies in thoracic surgery; foreword by Russell Brock. Appleton '58 incl bibliog

Tuxen, Alexander. Study of the course of pulmonary tuberculosis after treatment with thoracoplasty [tr. into English by Claude Lillingston] (Acta tuberculosea Scandinavica. Sup39) Norwegian research council for science & the humanities '57 p 173-4

CHESTERTON, Gilbert Keith, 1874-1936

Sullivan, John Joseph. G. K. Chesterton: a bibliography; with an essay On books, by G. K. Chesterton, and an epitaph, by Walter de la Mare. Univ. of London press '58 208p

CH'ANG people

Graham, David Crockett. Customs and religion of the Ch'ang. (Smithsonian misc. colls. v 135, no 1) Smithsonian inst. '58 p 104-9

CHIBCHA Indians

Hauri, Emil Walter, and Cubillos, Julio César. Investigaciones arqueológicas en la sabana de Bogotá, Colombia (cultura Chibcha) (Social science bul. no22) Univ. of Ariz. '53 p96-7

Pérez de Barradas, José. Los muisecas antes de la conquista. (Pueblos indígenas de la Gran Colombia, v 1-2) Inst. Bernardino de Sahagún, Consejo superior de investigaciones científicas '50-'51 2v v2, p547-66

CHICAGO**History**

Pierce, Bessie Louise. History of Chicago; v3. The rise of a modern city, 1871-1893. Knopf '57 p547-75

CHICAGO strike, 1894

Warne, Colston Estey, ed. Pullman boycott of 1894; the problem of federal intervention. (Problems in Am. civilization) Heath '55 p 113 annot

CHICHEN ITZA, Mexico**Antiquities**

Dutton, B. P. Brief discussion of Chichen Itza. Palacio 63:227-30 Jl '56

Ruppert, Karl. Chichen Itza, architectural notes and plans. (Pub. 595) Carnegie inst. of Wash. '52 p 167-9

CHICKENS. See Poultry**CHIGGERS (mites)**

Traub, R. and others. Efficacy of dieldrin and aldrin in area control of the chigger vectors of scrub typhus. J Econ Entom 47:434-5 Je '54

Wharton, George Willard, and Fuller, H. S. Manual of the chiggers; the biology, classification, distribution and importance to man of the larvae of the family Trombiculidae (acarina) (Memoirs, no4) Entomological soc. of Wash. '52 p 152-75

CHILD, Charles Manning, 1869-1954

Hyman, L. H. Charles Manning Child, 1869-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p88-103)

CHILD labor

United States. Superintendent of documents. Children's bureau and other publications relating to children and youth. (Price list 71, 40th ed) U.S. Gov. ptg. office '59 7p

CHILD psychiatry

Association for research in nervous and mental diseases. Neurology and psychiatry in childhood; proceedings of the Association, Dec. 10 and 11, 1954, New York, N.Y. (Research pubs, v34) Williams & Wilkins '54 incl bibliog

Bender, Lauretta, ed. Psychopathology of children with organic brain disorders. (Bellevue studies of child psychiatry) Thomas '56 p 139-44

Dorfman, Elaine. Personality outcomes of client-centered child therapy. (Psychological monographs, no456) Am. psychological assn. '58 p22

Getz, Steven B. and Rees, Elizabeth Lodge. Mentally ill child; a guide for parents. Thomas '57 p69-79

Hoch, Paul H. and Zubin, Joseph, eds. Psychopathology of childhood. (Am. psychopathological assn. Proceedings of the 44th annual meeting, 1954) Grune '55 incl bibliog

Jewish board of guardians. New frontiers in child guidance; J. H. W. van Ophuysen memorial volume; ed. by Aaron H. Esman. Int. univ. press '58 incl bibliog

Kanner, Leo. Child psychiatry; with prefaces by John C. Whitehorn [and others] 3d ed Thomas '57 incl bibliog

Kanner, L. and Eisenberg, L. Early infantile autism, 1943-1955. (In American psychiatric association. Stress. Experimental psychology. Child psychiatry; papers presented at the regional research conference held under the joint auspices of the Association and McGill univ. Faculty of medicine, Dept. of psychiatry, Montreal, Quebec, Canada, Nov. 18-19, 1955. (Psychiatric research reps, 7) The association '57 p64-5)

Michaux, Léon, and others. Psychiatrie infantile; préf. de G. Heuyer, new ed rev & enl Presses universitaires de France '53 p223-8

Neisser, Edith (Glicksman). Eldest child. Harper '57 p 149-68

Winnicott, Donald Woods. Collected papers; through paediatrics to psycho-analysis. Basic bks. '58 p322-5

CHILD psychology

Alper, T. G. and others. Reactions of middle and lower class children to finger paints as a function of class differences in child-training practices. J Abnorm & Social Psychol 51:447-8 N '55

American association of university women. Child study bibliography. rev ed The association '56 11p annot

Ausubel, David Paul. Theory and problems of child development. Grune '58 incl bibliog

Baldwin, Alfred Lee. Behavior and development in childhood. (Pubs. in interpersonal relations) Dryden '55 p591-604

Balint, Edna Mary (Yates). Child psychology. (Reader's guides, 2d ser, 4) Nat. bk. league '56 24p annot

Bernstein, Arnold. Some relations between techniques of feeding and training during infancy and certain behavior in childhood. (Genetic psychology monographs, v51, 1st half) Journal press '55 p43-4

Bijou, S. W. and Sturges, P. T. Positive reinforcers for experimental studies with children—consumables and manipulables. Child Develop 30:168-70 Mr '59

Bleckmann, Karl Heinz. Der schlaf des Kindes: biologie, psychologie, pathologie, therapie; mit einem vorwort von O. Bossert. Verlag für medizinische psychologie '55 p201-13

Bower, Eli Michael, and others. Process for early identification of emotionally disturbed children. (Bul. v27, no6) Calif. State dept. of education '58 p83-90

Britton, Edward C. and Winans, James Merritt. Growing from infancy to adulthood; a summary of the changing characteristics of children and youth. (Current problems in education) Appleton '58 p96-109 annot

Caplan, Gerald, ed. Emotional problems of early childhood. Basic bks. '55 incl bibliog

Child development abstracts and bibliography. Soc. for research in child development. See numbers

Choate, Mary Alberta. Children's aspirations, attitudes and concepts. (Curriculum bul. no 184) School of education, Univ. of Ore. '58 p33-41

CHILD psychology—*Continued*

- Crow, Lester Donald, and Crow, Alice. Human development and learning. Am. bk. '56 incl bibliog
- Debesse, Maurice, ed. Psychologie de l'enfant, de la naissance à l'adolescence; ce cahier a été rédigé par D. Anzieu [et al] (Cahiers de pédagogie moderne) Eds. Bourrelier '56 incl bibliog
- Engler, David. How to raise your child's IQ. Criterion bks. '58 p 147-50
- Fauls, L. B. and Smith, W. D. Sex-role learning of five-year-olds. J Genetic Psychol 89: 116-17 S '56
- Frank, Lawrence Kelso. Individual development. (Doubleday papers in psychology, no 14) Doubleday '55 p51-2
- Fribourg, Université. Pädagogischer ferienkurs. 20th, 1956. Die pädagogischen gezeiten im ablauf der menschlichen jugend; vorträge. (Arbeiten zur psychologie, pädagogik und heilpädagogik, v 12) Universitätsverlag '56 incl bibliog
- Garrison, Karl Claudius. Growth and development; with a chapter by Florence M Young; and a chapter by Florence Heisler 2d ed Longmans '59 incl bibliog
- Gollin, E. S. Some research problems for developmental psychology. Child Develop 27: 232-5 Je '56
- Hambidge, G. Therapeutic play techniques; symposium 1954. Am J Orthopsychiat 25: 615-17 Jl '55
- Hurlock, Elizabeth Bergner. Child development. 3d ed (McGraw-Hill ser. in psychology) McGraw '56 p577-661
- Hurlock, Elizabeth Bergner. Child growth and development. 2d ed (Am. home and family ser) McGraw '56 p355-65
- Hurlock, Elizabeth Bergner. Developmental psychology. 2d ed (McGraw-Hill ser. in psychology) McGraw '59 incl bibliog
- Hutt, Max L. and Gibby, Robert Gwyn. Child; development and adjustment. Allyn '59 incl bibliog
- Ilg, Frances Lillian, and Ames, Louise Bates. Child behavior. Harper '55 p343-5
- Jahoda, G. Child animism. J Social Psychol 47:211-12, 221-2 My '58
- Landreth, Catherine. Psychology of early childhood. (Knopf pub. in psychology) Knopf '58 incl bibliog annot
- Lane, Howard Augustus, and Beauchamp, Mary. Understanding human development. (Prentice-Hall psychology ser) Prentice-Hall '59 incl bibliog annot
- Lee, Johnathan Murray, and Lee, Dorris May. Child and his development. Appleton '58 incl bibliog annot
- Loomis, Mary Jane. Preadolescent; three major concerns. Appleton '59 incl bibliog
- Louttit, Chauncey McKinley. Clinical psychology of exceptional children; with contributions by David H. Crowell [and others] 3d ed Harper '57 incl bibliog
- McCandless, B. R. Recent books in child psychology. Psychol Bul 52:150 Mr '55
- McCarthy, D. Trends in the psychological appraisal of children. Child Develop 26:220-2 S '55
- Martin, William Ellsworth, and Stendler, Celia Burns. Child behavior and development. rev & enl ed Harcourt '59 incl bibliog annot
- Mary Amatora, Sister. Studying individual differences in personality. Education 77: 244-5 D '56
- Mead, Margaret, and Wolfenstein, Martha, eds. Childhood in contemporary cultures. Univ. of Chicago press '55 incl bibliog
- Merian, Doris. Über freches verhalten im kindesalter. (Schweizerische zeitschrift für psychologie und ihre anwendungen. Beiheft no29) Huber '56 p89-90
- Merry, Frieda (Kiefer) and Merry, Ralph Vickers. First two decades of life. 2d ed Harper '58 incl bibliog
- Millard, Cecil Vernon. Child growth and development in the elementary school years. rev ed Heath '58 incl bibliog
- Millard, Cecil Vernon, and Rothney, John Watson Murray. Elementary school child; a bk. of cases. Dryden '57 p649-52 annot
- Minnesota. University. Center for continuation study. Conference on the teaching of child development in the college curriculum, February 4-6, 1957. The center '57 incl bibliog
- Moser, Clarence G. Understanding girls. Assn. press '57 p247-52
- Mühle, Günther. Entwicklungspsychologie des zeichnerischen gestaltens; grundlagen, formen und wege in der kinderzeichnung. Barth '55 p 157-62
- Mussen, Paul Henry, and Conger, John Jane-way. Child development and personality. Harper '56 incl bibliog
- National association for gifted children. Books and pamphlets on the education and psychology of gifted children. The association '57 2p
- Navarra, John Gabriel. Development of scientific concepts in a young child; a case study. (Studies in education) Teachers college '55 p 145-7
- New books about parenthood and family life. See numbers of Child study
- Olson, Willard Clifford. Child development. 2d ed Heath '59 incl bibliog
- Ostrovsky, Everett S. Father to the child; case studies of the experiences of a male teacher with young children. (Putnam ser. in education) Putnam '59 p 156-67
- Patterson, Cecil Holden. Counseling the emotionally disturbed. (Exploration ser. in education) Harper '58 incl bibliog
- Pikunas, Justin. Fundamental child psychology; foreword by Allan P. Farrell. Bruce pub. '57 p227-52
- Pinneau, S. R. Infantile disorders of hospitalism and anacitic depression. Psychol Bul 52:450-2 S '55 [reply with rejoinder] 52:458-9, 462 S '55
- Psychoanalytic study of the child, 1955[1959] (V10-14) Int. univs. press '55-'59 5v incl bibliog
- Research relating to children; an inventory of studies in progress. Clearinghouse for research in child life, U.S. Children's bur. See numbers
- Rjukan, Norway. Offentlige bibliotek. Barneoppdragelse, pedagogikk og undervisning i Rjukan off. bibliotek. The library 54 49p
- Ross, S. and others. Sucking behavior: a review of the literature. J Genetic Psychol 91:79-81 S '57
- Russell, David Harris. Children's thinking. Ginn '56 incl bibliog
- Seidman, Jerome M. ed. Child; a bk. of readings. Rinehart '58 p621-54
- Sellstrom, Maurine (Williams). Time is the piper. Sherwood pub. co. '55 p221-3
- Sontag, Lester Warren, and others. Mental growth and personality development: a longitudinal study. (Soc. for research in child development. Monographs, v23, serial 68, no2; Fels monograph ser) Child development pub. '58 p 141-3
- Stern, Catherine, and Gould, Toni S. Early years of childhood; education through insight. Harper '55 p 193-5
- Stolz, Lois Hayden (Meek) and others. Father relations of war-born children; the effect of postwar adjustment of fathers on the behavior and personality of first children born while fathers were at war. Stanford univ. press '54 p361-5
- Stone, Alan Abraham, and Onqué, Gloria Evelyn Cochran. Longitudinal studies of child personality; abstracts with index; pub. for the Commonwealth fund. Harvard univ. press '59 314p annot
- Stone, Lawrence Joseph, and Church, Joseph. Childhood and adolescence; a psychology of the growing person. Random house '57 incl bibliog
- Strang, Ruth May. Introduction to child study. 4th ed Macmillan '59 incl bibliog
- Thorpe, Louis Peter. Child psychology and development. 2d ed Ronald '55 incl bibliog
- Tordrup, Sofus Albin. Børnepsykologi. 6th ed (Psykologisk-pædagogisk bibliotek, v4) Munksgaard '52 p380-7
- Townsend, Edward Arthur. Study of copying ability in children. Prestige motivation of gifted children, by David Paul Ausubel. (Genetic psychology monographs, v43, 1st half) Journal press '51 p49-51, 117
- Walsh, Ann Marie. Self-concepts of bright boys with learning difficulties. (Studies in education) Teachers college '56 p55-9
- Watson, Robert Irving. Psychology of the child; personal, social, and disturbed child development. Wiley '59 incl bibliog

CHILD psychology—Continued

World health organization. Study group on the psychobiological development of the child. Discussions on child development; the proceedings of the meeting, 1st[-3d] 1953[-1955] Int. univs. press '57-'58 3v 1953, p233-6; 1954, p265-7; 1955, p217-18

See also

Adolescence
Child psychiatry
Children, Abnormal and backward
Educational psychology
Individual differences
Intelligence tests
Kindergarten
Problem children

CHILD study. See Child psychology

CHILD welfare

Charnley, Jean. Art of child placement. Univ. of Minn. press '55 p255-61

Glickman, Esther. Child placement through clinically oriented casework. Columbia univ. press '57 p424-8

Gordon, Henrietta L. Casework services for children; principles and practices. Houghton '56 p473-84

Greenfield, Margaret. Self-support in aid to dependent children: the California experience. Bur. of public adm, Univ. of Calif. '56 p 130-6

International children's centre, Paris. Courrier. The center. See numbers

Keane, Sister Mary Charles. Housemother; a member of the institutional team. Nat. conference of Catholic charities '54 p 153-9

Moustakas, Clark E. and Berson, Minnie Perrin. Nursery school and child care center; a parents' and teachers' guide. White-side; Morrow '55 p212-14

Proceedings of the Conference on research in the children's field, Chicago, Illinois, April 4-7, 1956. Social Serv R 30:349-57 S '56

Selected bibliography on family and child welfare. Int Social Serv R no 1:61-6 Ja '56
Sutro, Nettie. Jugend auf der flucht, 1933-1948; fünfzehn jahre im spiegel des Schweizer hilfswerks für emigrantenkinder; mit einem vorwort von Albert Schweitzer. Europa verlag '52 p281-6

Zietz, Dorothy. Child welfare; principles and methods. Wiley '59 incl bibliog

See also

Children—Institutional care
Parent education
School hygiene

CHILDBIRTH**Psychology**

Chertok, L. Les méthodes psychosomatiques d'accouchement sans douleur; histoire, théorie et pratique; préf. de Maurice Lacomme. Expansion scientifique française '57 p225-52

CHILDBIRTH, Natural. See Childbirth—Psychology

CHILDE, Vere Gordon, 1892-1957

Smith, I. F. Bibliography of the publications of Professor V. Gordon Childe. Prehist Soc Proc 21:295-304 '56

CHILDREN

Child development abstracts and bibliography. Soc. for research in child development. See numbers

McFarland, R. A. Epidemiologic principles applicable to the study and prevention of child accidents. Am J Pub Health 45:1308 O '55

See also

Child psychology
Church work with children
Girls
Infants
Kindergarten
Moving pictures and children
Play
Preschool children
Problem children
School children

Care and hygiene

American public health association. Committee on child health. Health supervision of young children; a guide for practicing physicians and child health conference personnel. The association '55 p 178-9

Hartrich, Paulette (Kahn). You and your child's health; foreword by Milton I. Levine. Harper '55 p 192-202

Minnesota. University. Institute of child development and welfare. Child care and training [by] Marion L. Faegre [and others] 8th ed rev Univ. of Minn. press '58 p283-7

New York (city). Board of education. Nursing and child care for high schools. (Curriculum bul, 1954-55 ser, no8) The board '55 p79-84

Newton, Niles, and others. Family book of child care. Harper '57 p452-5 annot

United States. Superintendent of documents. Children's bureau and other publications relating to children and youth. (Price list 71, 40th ed) U.S. Gov. ptg. office '59 7p

See also

Children—Nutrition
Day nurseries
School hygiene

Charities

See Child welfare

Diseases

Blount, Walter Putnam. Fractures in children. Williams & Wilkins '54 p265-71

Frenk, S. and others. Fatty liver in children —kwashiorkor. Am J Clin Nutrition 6:305-7 My '58

Gairdner, Douglas, ed. Recent advances in pediatrics. 2d ed Little '58 incl bibliog

Good, Robert A. and Platou, Erling Stoud, eds. Essays on pediatrics in honor of Irvine McQuarrie; being a comp. of papers presented by his former students and associates at a pediatric grand reunion at the Univ. of Minn. held on the occasion of his 25th year of service to the university. The editors '55 incl bibliog

Güntz, Eduard. Die kypnose im jugendalter. (Die Wirbelsäule in forschung und praxis, v2) Hippokrates-verlag '57 p 132-44

Henderson, John. Parents' guide to children's illnesses; pref. by Austin Smith. Duell '58 p369-73

International children's centre, Paris. Courrier. The center. See numbers

International children's centre, Paris. Les gamma-globulines et la médecine des enfants; séminaire organisé à Paris du 2 au 4 déc. 1954 par le Centre; textes établis sous la direction du docteur Raymond Gautier. (Travaux & docs, 9) The center '55 incl bibliog

Jeans, Philip Charles, and others. Essentials of pediatrics. 6th ed Lippincott '58 incl bibliog

John Crerar library, Chicago. Catalog of the Clifford G. Grulee collection on pediatrics [Herman H. Henkle, editor] The library '59 340p

Mårtensson, Lars. Study in spinal tuberculosis in childhood with special reference to some medico-social and clinical aspects; tr. by L. James Brown. (Acta tuberculosea scandinavica. Sup37) Bloms boktr. '54 p 132-44

Martin du Pan, Raymond. Contribution à l'étude des relations entre l'âge et l'immunité pendant la jeunesse. (Bibliotheca paediatrica, v52) Karger '52 p61-4

Paterson, Donald, and McCreary, John Ferguson, eds. Pediatrics; with 36 contributing authors. Lippincott '56 incl bibliog

Pediatric clinics of North America. Symposium: Unusual infections of childhood; laboratory tests & special procedures, Feb, 1955. Saunders '55 incl bibliog

Rettig, Hans. Frakturen im kindesalter. Bergmann '57 p83-9

Royer, Pierre, and Lestrade, Henri. Le traitement du diabète infantile en régime libre; préf. du professeur Julien Marie. Eds. médicales Flammarion '58 p 185-90

Singleton, Edward B. X-ray diagnosis of the alimentary tract in infants and children. Year bk. pub. '59 incl bibliog

Slobody, Lawrence Boris. Survey of clinical pediatrics. 2d ed McGraw '55 p447-9

Speer, Frederic. Management of childhood asthma. Thomas '58 p 105-11

Streng, Alice, and others. Hearing therapy for children. Grune '55 incl bibliog
—Same; 2d rev ed Grune '58 incl bibliog

Swoboda, W. Das skelett des kindes; entwicklung, bildungsfehler und erkrankungen. (Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern; Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin; diagnostik, physik, biologie, therapie. Sup78) Thieme '56 p 167-74

CHILDREN—Diseases—Continued

Wamberg, Erik. Studier over alimentær lipæmi hos børn, med særligt henblik på forholdene ved kroniske fordøjelsessidelser. Dansk videnskabe forlag '54 p 173-80

Wolman, Irving J. Laboratory applications in clinical pediatrics. McGraw '57 incl bibliog

See also

Diphtheria

Infantile paralysis

Education

See Education of children

Employment

See Child labor

Fiction

Berggren, Kerstin. Barn- och ungdomsskildringar i litteraturen. (Bokurval, 11) Bibliotekstjänst '57 12p annot

Growth and development

Garn, Stanley M. and Shamir, Zvi. Methods for research in human growth. Thomas '58 p 103-15

Growth, development, and learning; reviews the literature for the period since Dec. 1952[1955] R Educ Res 25:365-486; 28:371-558 D '55, D '58

Guzman, M. A. and others. Growth development of Central American children. Am J Clin Nutrition 6:431-8; 7:183-4 J1 '58, Mr '59

Hale, C. J. Physiological maturity of Little League baseball players. Res Q 27:282-4 O '56

Hathaway, Milcent Louise. Heights and weights of children and youth in the United States. (Home economics research rep. no2) Inst. of home economics, Agricultural research service, U.S. Dept. of agriculture '57 p 106-31

Howe, E. E. Effect of vitamin B₁₂ on growth-retarded children: a review. Am J Clin Nutrition 6:24-5 Ja '58

Macy, Icie Gertrude, and Kelly, Harriet J. Chemical anthropology; a new approach to growth in children. Univ. of Chicago press '57 p 133-43

Meredith, H. V. Time series analysis of growth in nose height during childhood. Child Develop 29:32-4 Mr '58

Porter, Blaine M. Bibliography of recent research in family relations and child development. Am. home economics assn. '56-57 2v

Stott, Leland Hyrum. Longitudinal study of individual development; techniques for appraising developmental status and progress. Merrill-Palmer school '55 p69-71

Hospitals

Robertson, James. Young children in hospitals; with a foreword by Milton J. E. Senn. Basic bks. '59 p 131-6

Institutional care

Child welfare league of America, incorporated. Residential treatment of emotionally disturbed children. rev ed (Sel. references, 1-14) The league '57 16p

New York (state). Department of social welfare. Young folks in homes; leisure-time activities in child-caring insts; based upon material developed by Jeanne Barnes; rev. and ed. by Catherine Weldon. The department '57 incl bibliog

United States. Children's bureau. Care of children in institutions; a reading guide. The bureau '54 45p

Language

Beasley, Jane. Slow to talk; a guide for teachers and parents of children with delayed language development. (Studies in education) Teachers college '56 p 103-9

Catalano, F. L. and McCarthy, D. Infant speech as a possible predictor of later intelligence. J Psychol 38:208-9 J1 '54

Du Plessis, P. J. J. 'N sielkundige ontleding van kindertaal tot en met die derde lewensjaar. (Opvoedkundige studies, v4, no 14) Werkgemeenskap ter bevordering van die pedagogiek as wetenskap. Fakulteit opvoedkunde, Univ. Pretoria '56 p99-103

Frank, Lawrence Kelso. Tactile communication. (In Genetic psychology monographs, v56. Journal press '57 p253-5)

Harrell, Lester E. Comparison of the development of oral and written language in school-age children. (Soc. for research in child development. Monographs, v22, no3) Child development pubs. '57 p72-7

Hirsch, K. de and Jansky, J. J. Language investigation of children suffering from familial dysautonomia. J Speech & Hearing Dis 21:459-60 D '56

Rowe, Emma Dorothy. Speech problems of blind children; a survey of the North Calif. area. (Education ser, no 10) Am. foundation for the blind '58 p37-9

Schreiber, Flora Rheta. Your child's speech; a practical guide for parents for the first five years; with a foreword by Walter C. Alvarez. Putnam '56 p237-43 annot

Spitz, René Arpad. No and yes; on the genesis of human communication. Int. univ. press '57 p 151-9

Templin, Mildred C. Certain language skills in children; their development and interrelationships. (Minn. Univ. inst. of child welfare. Monograph ser, no26) Univ. of Minn. press '57 p 175-7

Tervoort, Ben Th. M. Structurele analyse van visueel taalgebruik binnen een groep dove kinderen. Noord-Hollandsche uitg. mij. '53 2v v2, p 166-74

Law

See also

Adoption

Child labor

Juvenile delinquency

Management

California. Bureau of adult education. Parent education; curriculums, methods, and materials, by Milton Babitz. (Bul. v24, no8) Calif. state dept. of education '55 incl bibliog

California school supervisors association. Guiding the young child; kindergarten to grade three; prepared by a Committee; ed: Helen Heffernan. 2d ed Heath '59 incl bibliog

Child study association of America. Book review committee. Books about parents and their children: a classified cumulative booklist; comp. by Jean Rex. The committee '58 86p

Laycock, Samuel Ralph. Brief chats with parents; how to help your child grow up. Copp '56 p 174-8

Stewart, Maxwell Slutz, ed. Growing family; with a foreword by Sidonie Matsner Gruenberg. Harper '55 p257-60

See also

Problem children

Mortality

Gelderer, Hans Hona van. Pre-school child mortality in the Netherlands. The author '55 p 134-8

Nervous and mental disorders

Child welfare league of America, incorporated. Residential treatment of emotionally disturbed children. rev ed (Sel. references, 1-14) The league '57 16p

Falstein, E. I. and others. Anorexia nervosa in the male child. Am J Orthopsychiat 26: 751-70 O '56

Goldfarb, William, and Dorsen, Marilyn M. Annotated bibliography of childhood schizophrenia and related disorders, as reported in the English language through 1954. Basic bks, '56 170p

Nutrition

Bring, S. V. and others. Nutritional status of school children 15 and 16 years of age in three Idaho communities; blood biochemical tests. J Nutrition 57:43-5 S '55

Children's fund of Michigan. Research laboratory. Nutritional status of mothers and their infants; serialim concentrations of hemoglobin, and in serum, total protein, vitamin C, vitamin A, carotenoids and alkaline phosphatase, clinical and dietary intake assessments, racial and socioeconomic influences [by] Elsie Z. Moyer [and others] The fund '54 p93-112

Community council of Greater New York. Food guide and quantity cooking for young children; foreword by Benjamin Spock. Harper '58 p 173-7

CHILDREN—Nutrition—Continued

- Donald, E. A. and others. Nutritional status of selected adolescent children. *Am J Clin Nutrition* 6:133-5 Mr '58
- Godshall, Frances R. Nutrition in the elementary school. (Harper's home economics ser) Harper '58 incl bibliog
- Hard, M. M. and others. Nutritional status of selected adolescent children. *Am J Clin Nutrition* 6:407-8 Jl '58
- Jolliffe, N. and others. Nutrition status survey of the sixth grade school population of Cuba. *J Nutrition* 64:396-8 Mr '58
- Macy, Icie Gertrude, and Kelly, Harriet J. Chemical anthropology; a new approach to growth in children. Univ. of Chicago press '57 p 133-43
- Martin, Ethel Austin, Roberts' Nutrition work with children. Univ. of Chicago press '54 incl bibliog
- See also
- Infants—Nutrition
- School lunches

Psychology

See Child psychology

Religion

- Fritz, Dorothy B. Spiritual growth of children. Board of Christian education of the Presbyterian church in the U.S.A. '57 p63-7 annot

Training

See Children—Management

CHILDREN, Abnormal and backward

- Abraham, Willard. Guide for the study of exceptional children. Sargent '55 incl bibliog annot
- Amatora, Sister M. Bibliography on the personality of exceptional children. *Education* 76:132-5 O '55
- Baker, Harry Jay. Introduction to exceptional children. 3d ed Macmillan '59 incl bibliog
- Book bibliography on education of exceptional children. *Education* 77:491-6 Ap '57
- Cruickshank, William M. and Johnson, George Orville, eds. Education of exceptional children and youth [contributing authors: Georgie Lee Abel and others] (Prentice-Hall psychology ser) Prentice-Hall '58 incl bibliog
- Current literature. See numbers of Exceptional children annot
- Devereux, George. Therapeutic education; its theoretical bases and practice. (Exploration ser. in education) Harper '56 p409-24
- Doyle, Francis Wright and others, comps. Information regarding the education of mentally retarded minors in California. (Bul. v24, no 10) Calif. state dept. of education '55 p34-9
- Eisenberg, L. and Kanner, L. Early infantile autism, 1943-55. *Am J Orthopsychiat* 26:564-6 Jl '56
- Erickson, M. J. Current trends and practices in the education of the mentally retarded. *Educ Adm & Sup* 44:307-8 S '58
- Farber, Bernard. Effects of a severely mentally retarded child on family integration. (Monographs, v24, no2) Soc. for research in child development '59 p 108-12
- Frampton, Merle Elbert, and Gall, Elena D. eds. Special education for the exceptional; contributing auths: Norman Acton [and others] Sargent '55-'56 3v incl bibliog
- Resources for special education, ed. by Merle E. Frampton and Elena D. Gall; adapted from: Special education for the exceptional. Sargent '56 250p
- Garrison, Karl Claudius, and Force, Dewey George. Psychology of exceptional children. 3d ed Ronald '59 incl bibliog
- Goodenough, Florence Laura. Exceptional children; with the assistance of Lois M. Rynkiewicz. (Cent. psychology ser) Appleton '56 incl bibliog
- Harnett, Mary E. Mental retardation; a special bibliography. Int. council for exceptional children, Nat. education assn. of the U.S. '56 17p
- Heiser, Karl Florein. Our backward children. Norton '55 p232-5 annot
- Hutt, Max L. and Gibby, Robert Gwyn. Mentally retarded child; development, education, and guidance. Allyn '58 incl bibliog
- Kemp, Charles F. Church: the gifted and the retarded child. Bethany press '58 p 181-6
- Kestenberg, J. S. History of an autistic child. *J Child Psychiat* 1:51-2 Ap '54

- Kirk, Samuel Alexander, and others. Early education of the mentally retarded; an experimental study. Univ. of Ill. press '53 p214-16

- Mary Theodore, Sister. Challenge of the retarded child. Bruce '59 p 181-93 annot
- Maryland. Superintendents committee on curriculum and supervision. Children with special needs. (Planning for effective learning) Md. state dept. of education '56 p36-42
- Same, rev ed Md. state dept. of education '58 p27-36

- Masland, Richard Lambert, and others. Mental subnormality; biological, psychological, and cultural factors; a survey of research sponsored by the Nat. assn. for retarded children. Basic bks. '58 p401-28
- Nickel, K. N. Better education for nonacademic pupils. *North Cen Assn Q* 31:382-4 Ap '57

- North Carolina. Office of the superintendent of public instruction. Division of special education. Education of exceptional children in North Carolina; policies and procedures. rev ed The division '57 p35-43

- Northern Illinois university. Department of education. Help for the exceptional; a guide to resources in the state of Illinois; prepared under the direction of Arthur Singer. (Educational bul. service) The department '58 51, 5p

- Oliver, J. N. Effect of physical conditioning exercises and activities on the mental characteristics of educationally sub-normal boys. *Brit J Educ Psychol* 28:164-5 Je '58
- Pollock, Morris P. and Pollock, Miriam. New hope for the retarded; enriching the lives of exceptional children. new ed (Special education ser) Sargent '56 p 174

- Rothstein, Jerome H. Education of the mentally retarded; bibliography. Special education dept. Div. of education, San Francisco state college '54 65p

- Selected references from the literature on exceptional children. *El Sch J* 55:467-80; 56:366-77; 57:391-401; 58:407-18; 59:404-16 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59 annot
- Sheltered workshops for the mentally retarded; proceedings of Conference on sheltered workshops, Tampa, Fla. and Workshop on sheltered workshops, 5th annual convention, Nat. assn. for retarded children, Boston, Mass; ed. by Com. on vocational rehabilitation & sheltered employment. Nat. assn. for retarded children '54 p48

- Szurek, S. A. Psychotic episodes and psychotic maldevelopment. *Am J Orthopsychiat* 26:541-3 Jl '56

- Texas. Central education agency. Division of special education. Guide for organizing and providing special education for exceptional children. rev (Bul. 520) The division '53 incl bibliog

- Wallin, John Edward Wallace. Education of mentally handicapped children. (Education for living ser) Harper '55 incl bibliog

- Williams, Harold Marshall, and Wallin, John Edward Wallace. Education of the severely retarded child; a bibliog. review. (U.S. Office of education. Bul. 1959, no 12) U. S. Gov. ptg. office '59 26p annot

- Woods schools for exceptional children. Vocational training and rehabilitation of exceptional children; proceedings of the 1957 Spring conference of the Schools, held in Chicago. May 10 and 11. The schools '57 p33-5, 125-6, 133-42

- Workshop on special education of the exceptional child, Catholic university of America, 1952. Special education of the exceptional child; proceedings of the Workshop conducted at the Catholic univ. of Am. from June 13th to June 24th, 1952; ed. by William F. Jenks. Catholic univ. of Am. press '53 p 149-54

See also

Child psychiatry

CHILDREN, Exceptional. See Children, Abnormal and backward; Children, Gifted

CHILDREN, Gifted

- Abraham, Willard. Common sense about gifted children. (Exploration ser. in education) Harper '58 p255-62 annot

- Abraham, Willard. Guide for the study of exceptional children. Sargent '55 incl bibliog annot

- American association of university women. Educating children who are gifted; a study guide. The association '53 13p annot

CHILDREN, Gifted—Continued.

- Book bibliography on education of exceptional children. Education 77:491-6 Ap '57
- California elementary school administrators' association. Gifted child: another look. (Monograph 10) The association '58 p65-6
- Connecticut. State department of education. Education for gifted children and youth; a guide for planning programs. (Bul. no77) The department '56 p34-9 annot
- Cruickshank, William M. and Johnson, George Orville, eds. Education of exceptional children and youth [contributing authors: Georgie Lee Abel and others] (Prentice-Hall psychology ser) Prentice-Hall '58 incl bibliog
- Cutts, Norman Estelle, and Moseley, Nicholas. Teaching the bright and gifted. Prentice-Hall '57 p239-57
- DeHaan, Robert F. and Havighurst, Robert James. Educating gifted children. Univ. of Chicago press '57 p254-68 annot
- East Orange, New Jersey. Free public library. Gifted child; a bibliog. of materials in the East Orange public lib. sel. and annot. by Lorraine K. M. Gorski. The library '55 9p
- Florida. University. College of education. Education library. Identifying and grouping gifted children. (Bibliog. no36) The library '59 6p
- French, Joseph Leroy, ed. Educating the gifted; a bk. of readings. Holt '59 incl bibliog
- Further reading about gifted children. Lib J 80:2631 N 15 '55
- Gallagher, James John. Gifted child in the elementary school. (What research says to the teacher, 17) Dept. of classroom teachers. Nat. education assn. '59 p31-3
- Garrison, Karl Claudius, and Force, Dewey George. Psychology of exceptional children. 3d ed Ronald '59 incl bibliog
- Goldberg, M. L. Recent research on the talented. Teach Coll Rec 60:162-3 D '58
- Goodenough, Florence Laura. Exceptional children; with the assistance of Lois M. Rynkiewicz. (Cent. psychology ser) Appleton '56 incl bibliog
- Greer, Edith Christine (Simanek). Education of the able student; a sel. bibliography. (Clrc. no532) U.S. Office of education '58 21p
- Havighurst, Robert James, and others. Survey of the education of gifted children. (Sup. educational monographs, no83) Univ. of Chicago press '55 p 103-4 annot
- Hill, George E. and others. Identifying and educating our gifted children. (Pupil services ser, no 1) Center for educational service, College of education, Ohio univ. '57 p40-3
- Kemp, Charles F. Church: the gifted and the retarded child. Bethany press '58 p 181-6
- Maryland. Superintendents committee on curriculum and supervision. Planning for effective learning: children with special needs. Md. State dept. of education '56 p36-42
- National association for gifted children. Books and pamphlets on the education and psychology of gifted children. The association '57 2p
- National association for gifted children. References from the literature on gifted children, July 1, 1956-June 30, 1957. The association '57 5p
- National science teachers association. Science for the academically talented student in the secondary school; rep. of a conference sponsored jointly by the Nat. education assn. project on the academically talented student and the Association; chairman: Robert R. Donaldson. The association '59 p60-3
- Otto, Henry John, ed. Curriculum enrichment for gifted elementary school children in regular classes, by a University of Texas workshop group. (Pub. no6) Bureau of laboratory schools, Univ. of Tex. '55 incl bibliog
- Passow, A. Harry, and others. Planning for talented youth; considerations for public schools. (Talented youth project, pub. 1) Horace Mann-Lincoln inst. of school experimentation. Teachers college '55 p75-84
- Schiefelbusch, Richard L. Our gifted children. (Public information ser, no 1) Bur. of child research, Univ. of Kan. '58 p31-5 annot
- Selected references from the literature on exceptional children. El Sch J 55:467-80; 56:366-77; 57:391-401; 58:407-18; 59:404-16 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59 annot

- Tannenbaum, A. J. Annotated bibliography. (In Gavian, Ruth Wood, ed. Social education of the academically talented. (Curriculum ser, no 10) Nat. council for the social studies '58 p89-101
- Vance, E. P. ed. Program provisions for the mathematically gifted student in the secondary school; contributors: Julius H. Hlavaty [and others] Nat. council of teachers of mathematics '57 p25-8
- Worcester, Dean Amory. Education of children of above-average mentality. Univ. of Neb. press '56 p66-8

CHILDREN, Handicapped

- Amatora, Sister M. Bibliography on the personality of exceptional children. Education 76:132-5 O '55
- American public health association. Committee on child health. Services for handicapped children; a guide to general principles and practices for public health personnel. The association '55 p 144-8
- National society for crippled children and adults. Library. Rehabilitation literature. The society. See numbers
- National society for crippled children and adults. Library. Sources of information about the handicapped; a guide to nontechnical publications. rev ed The library '55 20p
- Norris, H. J. and Cruickshank, W. M. Adjustment of physically handicapped adolescent youth. Excep Child 21:238+ My '55
- Northern Illinois university. Department of education. Help for the exceptional; a guide to resources in the state of Illinois; prepared under the direction of Arthur Singer. (Educational bul. service) The department '58 51, 5p
- Ruess, A. L. Clinical psychologist in the habilitation of the cleft palate patient. J Speech & Hear Dis 23:575-6 N '58
- CHILDREN, Superior. See Children, Gifted**
- CHILDREN and television. See Television and children**
- CHILDREN as artists. See Children's art (by children)**
- CHILDREN as authors**
- Kupferberg, Tuli, and Topp, Sylvia. Children as authors. (Birth bibliog. ser, no 1) Birth press '59 60p annot
- CHILDREN'S apperception test**
- Bellak, Leopold, and Bristol, Marjorie. Thematic apperception test and the children's apperception test in clinical use. Grune '54 p269-72
- CHILDREN'S art (by children)**
- Mühle, Günther. Entwicklungspsychologie des zeichnerischen gestaltens; grundlagen, formen und wege in der kinderzeichnung. Barth '55 p 157-62
- Ziegfeld, Edwin, ed. Art et éducation, recueil d'essais. UNESCO '54 p 131-3
- CHILDREN'S libraries. See Libraries, Children's; School libraries**
- CHILDREN'S literature**
- Adams, B. P. Books to grow on. (In Willcockson, Mary, ed. Social education of young children: kindergarten-primary grades. 2d rev ed (Curriculum ser, no4) Nat. council for the social studies '56 p 145-51) annot
- Agree, R. H. Fare for the eager reader. Lib J 83:625-31 F 15 '58 annot
- American library association. Basic book collection for elementary grades. 6th ed A.L.A. '56 133p
- American library association. Basic book collection for high schools. 6th ed A.L.A. '57 186p annot
- American library association. Basic book collection for junior high schools. 2d ed A.L.A. '56 127p annot
- American library association. Subject and title index to short stories for children. A.L.A. '55 238p
- American social hygiene association. Strengthening family life education in our schools; rep. of the Midwest project on in-service education of teachers. The association '55 p62-72 annot
- American social hygiene association. Suggestions for preparing teachers in education for personal and family living; rep. of the Midwest project on teacher preparation. The association '54 p72-87

CHILDREN'S literature—Continued

- Annual survey of new books for children and young people, issued between July 1, 1957-June 30, 1958. *Cath Lib World* 29:174-84 D '57
- Arbuthnot, May Hill. Children and books. (Scott—Forsman professional ser: Educating Am. children) Scott '57 p614-67
- Association for childhood education (international). Bibliography of books for children, 1956[-1958] ed (Bul. no37) The association '56-'58 2v annot
- Association for childhood education (international) Children's books for \$1.25 or less. (Bul. no36) The association '57 38p annot
- Same; rev ed (Bul. no36) The association '59 36p annot
- Atlanta. Public library. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of a private collector; ser6, Ga. bks. for juveniles. The library '55 127-43p annot
- Berlin. Deutsche staatsbibliothek. Internationale kinderbuchausstellung, 1956/1957, veranstaltet in verbindung mit der Firckheimer-gesellschaft: katalog; bearb. von Wilma Kunze. The library '57 164p
- Best books for children; a catalog of [bks] comp. in the offices of Library journal/Junior libraries, 1959 edition. Bowker '59 190p annot
- Bhatawdekar, Shakuntala. Books for Asian children; a sel. list of pubs. from world literature suitable for use in Asia, in the original, in tr. or in adaptation. UNESCO '56 77p annot
- Blank, Jacob Nathaniel. Peter Parley to Penrod; a bibliog. description of the best-beloved Am. juvenile books. Bowker '56 153p
- Booklist. See numbers of Horn book annot
- Books for children. See numbers of Childhood education annot
- Books for children and young people. See numbers of Wisconsin library bulletin annot
- Books for young readers. See numbers of Library review
- Books of the year for children, 1955[-1959] Child Study 33:34-6+; 34:44-6+; 35:38+; 36:45-6+; 37:29-32+ Winter '55, Winter '56, Winter '57, Winter '58, Winter '59 annot
- Boys' clubs of America. Junior book awards, 1956[-1957] The clubs '57-'58 2v
- Cappe, Jeanne. Lectures pour jeunes filles. Conseil de littérature de jeunesse '57 61p
- Catalog of the best books for children, 1956. 5th ed Junior reviewers '56 94p annot
- Catholic library association. Western Pennsylvania unit. World of books; leisure reading for Catholic youth. The association '56 30p
- Chicago. University. Graduate library school. Bulletin of the Center for children's books. Univ. of Chicago press. See numbers annot
- Best books for children; a catalog of [bks] comp. in the offices of Library journal/Junior libraries, 1959 edition. Bowker '59 190p annot
- Children's books. See numbers of Booklist annot
- Children's books of 1954-1955[-1958-1959] NEA J 44:521-3; 45:520+; 46:544-5; 47:578+; 48:71-2+ N '55, N '56, N '57, N '58, N '59 annot
- Children's catalog; a classified catalog of 3,204 childrens bks. recommended for public and school libs. with an auth. title and subject index; comp. by Marion L. McConnell [and] Dorothy Herbert West. 9th ed Wilson '56 852p
- 1957-1959 sup. to the 9th ed, 1956. (Standard catalog ser) Wilson '59 186p annot
- Children's reading service, 1957[-1959] C.R.S. book catalog; annot. list of bks. for supplementary reading (kindergarten-senior high school) The service '56-'58 3v
- Czechoslovak Republic. Státní nakladatelství dětské knihy. Co vydalo Státní nakladatelství dětské knihy v letech 1949-1954 [katalog] The agency '55 76p
- Dagenham, England. Public libraries. One thousand books for boys and girls. 2d ed The libraries '57 38p
- Danmarks skolebiblioteksforening. Fortegnelse over bøger til skolelæsestuen [udg. af] Danmarks skolebiblioteksforening og Skolebiblioteksforeningen af 1917. 3d ed Dansk bibliografisk kontor '54 33p
- Dansk bibliografisk kontor, Copenhagen. Børnebøger; genrelister og serier [udarb. af Børnebibliotekarernes faggruppe ved Else Beck et al] 2d ed The bureau '58 31p
- Darton, Frederick Joseph Harvey. Children's books in England; five centuries of social life. 2d ed Cambridge '58 incl bibliog
- Detroit. Public library. Books to own; recent bks. and old favorites for any child's bookshelf. The library '57 10p annot
- Duff, Annis. Longer flight; a family grows up with books. Viking '55 p247-69
- Eakin, Mary K. Good books for children; a sel. of outstanding children's bks. pub. 1948-57. Univ. of Chicago press '59 274p annot
- Eakin, M. K. Noteworthy books published since the 1955 reading conference. (In Conference on reading, University of Chicago, 1956. Developing permanent interest in reading; comp. and ed. by Helen M. Robinson. (Proceedings, v 18; Sup. educational monographs, no84) Univ. of Chicago press '56 p214-16) annot
- Eakin, M. K. and Hokanson, N. E. Noteworthy books published since the 1957 reading conference. (In Conference on reading, Univ. of Chicago, 1958. Evaluation of reading; comp. and ed. by Helen M. Robinson. (Proceedings, v20; Sup. educational monographs, no88) Univ. of Chicago press '58 p 193-8 annot
- Eakin, M. K. and Janacek, B. Noteworthy books published since the 1956 reading conference. (In Conference on reading, University of Chicago, 1957. Materials for reading; comp. and ed. by Helen M. Robinson. (Proceedings, v 19; Sup. educational monographs, no86) Univ. of Chicago press '57 p217-22) annot
- Eakin, M. K. and others. Noteworthy books published since the 1954 reading conference. (In Conference on reading, University of Chicago, 1955. Oral aspects of reading; comp. and ed. by Helen M. Robinson. (Proceedings, v 17; Sup. educational monographs, no82) Univ. of Chicago press '55 p 151-6) annot
- Eaton, Annie Thaxter. Treasure for the taking; a bk. list for boys and girls. rev ed Viking '57 322p annot
- Ellis, Mary Jackson. Kindergarten log. Denison '55 p78-80
- Enoch Pratt free library, Baltimore. Books for home reading, grades 2 and 3. rev ed The library '57 35p annot
- Enoch Pratt free library, Baltimore. Books for home reading, grades 4, 5, 6. rev ed The library '57 40p annot
- Enoch Pratt free library, Baltimore. Office of work with children. Stories to tell; a list of stories with annots; 4th ed, rev. and ed. by Isabella Jinnette. The library '56 76p
- Fenner, Phyllis Reid. Proof of the pudding: what children read. Day '57 246p annot
- Florida. State department of education. Recommended library books for Florida schools. (Bul. 22-D) The department '55 253p
- Foreign children's books available in the United States—1955[-1958] supplement. Top News 11:47-50; 14:34-9 My '56, My '58 annot
- Friends, Society of. American Friends service committee. Books are bridges; a list of bks. recommended for children. rev ed The committee; Anti-defamation league of B'nai B'rith '57 64p annot
- Goldstein, F. American Jewish juvenile books, 1952-1954[-1958-1959] (In Jewish book annual, 1953-1955[-1959-1960] (V 12-17) Jewish bk. council of Am. '54-'59 6v v 12, p 114-19; v 13, p89-92; v 14, p 101-4; v 15, p 116-19; v 16, p 131-5; v 17, p 111-14 annot
- Gross, E. and others. For the home shelves. Lib J 81:752-4 Mr 15 '56
- Hall, Elvajeane. Books to build on; with added material reprinted from Junior libraries. 2d ed Bowker '57 79p annot
- Haviland, V. For family fun and creative playtime. Lib J 80:2888-91 D 15 '55 annot
- Heagy, D. M. and Amato, A. J. Everyone can learn to enjoy reading. El Engl 35: 464-8 N '58
- Heaton, Margaret M. and Lewis, Helen B. Reading ladders for human relations. rev & enl ed 1954. Am. council on education '55 215p annot
- Horn book (periodical) Books are vacations; a Horn bk. reading list; comp. by Lois R. Markey. Horn bk. inc. '56 32p annot

CHILDREN'S literature—Continued

- Hunt, Mate Grave. Values resource guide: annot. for the elementary school teacher. Teacher education and religion project com. Am. assn. of colleges for teacher education '58 108p
- Hurley, Richard James. Your library; how to organize an elementary school library. Catholic univ. of Am. press '56 p47-56
- Illinois. State library, Springfield. Books as gifts for children; prepared by Vivian Howard. The library '54 6p
- Interschool council of Lower Merion. Reading list committee. Leisure time reading for junior high school. The committee '57 14p annot
- Interschool council of Lower Merion. Reading list committee. Pick-a-book for primary grade reading. The committee '57 8p annot
- Interschool council of Lower Merion. Reading list committee. Reading for enjoyment for 4th, 5th and 6th grades. The committee '57 16p annot
- Johnson, Edna, and others. Anthology of children's literature. 3d ed Houghton '59 incl bibliog
- Johnson, E. and others. Three book lists for primary school libraries. Sch Libn 7:379-94 D '55
- Jr, books appraised. See numbers of Library journal
- Kassirer, Eve, ed. What's what for children; the original work of twenty-one Canadian authorities; a parent's handbook. 3d ed Citizens' com. on children. Ottawa, Canada '59 incl bibliog
- Kennedy, Margaret, and Nefzger, Helen. Literature for primary children. Calif. education press; Southern sec, Calif. teachers assn. '53 28p
- Langdon, Sister Mary Ramon. Book of joy; an anthology of prose and poetry designed for teachers of young children. (Faith and freedom literary readers) Catholic univ. of Am. press '56 p273-81
- Larrick, Nancy. Parent's guide to children's reading. Doubleday '58 p207-60 annot
- Larson, Lorentz. Facklitteratur för skolbibliotek; förteckning över böcker lämpliga för bibliotek i folkskolor och andra skolor. (Skriftserie, 1) Skolöverstyrelsen '51 88p
- Same; 2d rev. ed (Skriftserie, 1) Skolöverstyrelsen '58 80p
- Larson, L. Förslag till klassbibliotek. Skolbiblioteket 2 no 1:13-19 '56
- Lewis, A. Children's first books in reading. Childh. Educ 32:438-40 My '56
- Lewis, H. B. and Skiff, M. S. For better human relations. Lib J 80:77-9 O 15 '55 annot
- Library association. Books for young people; group 2: eleven to thirteen plus, annot. and classified; comp. by the North Midland and Yorkshire branches of the Association under the editorship of Edgar Osborne. rev ed The association '54 127p
- Supplement 1954; comp. by the North Midland branch of the Association, under the editorship of Edgar Osborne. The association '55 31p
- Library association. Books for young people; group 3: fourteen to seventeen; annot. and classified; comp. by the London and home counties branch of the Association under the editorship of L. M. Harrod and rev. by a sub-com. of the Youth libraries sec. under the editorship of Joan Butler. The association '57 85p annot
- Library association. County libraries section. Books for children. (Readers' guide, new ser, no48) The section '58 40p annot
- Library association. North-western branch. Books for young people; group 1: Under eleven; annot. and classified; comp. under the editorship of Hilda M. McGill. new ed rev The association '55 103p
- Library association. Youth libraries section. Children's books of this century; a first list of bks, covering the years 1899 to 1956 chosen for the Library of children's literature now being formed at Chaucer house. The section '58 36p
- Library journal. Books to build on; first bks. to buy for school libs: elementary, junior high, high school; prepared under the direction of Elvajan Hall. The journal '55? 63p
- Library journal. Recommended children's books of 1955[1958-59] as professionally evaluated by librarians in Library journal, arranged by grade and subject with author-title index. The journal '56-'59 4v
- Lines, Kathleen M. Four to fourteen; a lib. of bks. for children; introd. by Walter de la Mare. 2d ed Nat. bk. league '56 351p annot
- McEntee, H. S. When Johnny can read—but! Read Teach 9:146-8 F '56
- Mazzei de Giorgi, Olga. Bibliografia infantil venezolana. Div. de divulgación y pubs, Consejo venezolano del niño '56 39p
- Metropolitan school study council. Human relations committee. Bibliography for children's reading, grades 3-8. The council '55 12p annot
- National book league, London. Selection of books for children, published 1956-57[1958-59] The league '57-'59 3v annot
- National council of teachers of English. Elementary reading list committee. Adventuring with books; a reading list for the elementary grades. The council '56 146p annot
- National council of the churches of Christ in the United States of America. Children's work associated section. Books for children, for leaders. The council '56 31p annot
- New books. See numbers of Junior bookshelf annot
- New books for boys and girls. See numbers of Ontario library review annot
- New books for youth. See numbers of Ontario library review annot
- [New spring and fall children's books] See March 15th and October 15th issues of Library journal annot
- New York (city). Board of education. Materials for the literature program, grades 1-6. (Curriculum bul. 1956-57 ser, no7) The board '55 131p
- New York (city). Board of education. Bureau of libraries. Combined list of library books for elementary and junior high schools (formerly The catalogue of books for public school libraries) graded and classified. The bureau '55 373p
- New York (city). Board of education. Bureau of libraries. Combined list of library books for secondary schools in the city of New York. The bureau '55 254p
- New York (city). Public library. Books for the teen age, 1956[1959] The library '56-'59 5v annot
- New York (city). Public library. Children's books published in 1956[1959] suggested as holiday gifts; on exhibition in the children's room. The library '56-'59 4v annot
- New York (state). Bureau of elementary curriculum development. Books for beginners; 300 titles every child should know. The bureau '56 18p
- New York library association. Section of children's and young people's librarians. Basic children's booklist for small public libraries; sel. by a com. of the Section in cooperation with the Univ. of the State of N.Y. the State education dept, the N.Y. state lib., Div. of lib. extension. The association '58 18p
- New York library association. Section of children's and young people's librarians. Basic young adult booklist for small public libraries; sel. by a com. of the Section in cooperation with the Univ. of the State of N.Y. the State education dept, the N.Y. state lib., Div. of lib. extension. The association '58 10p
- New York public library in children's literature. N Y Pub Lib Bul 59:559-61 N '55 annot
- New Zealand. School library service. Books to enjoy, standards 3 and 4. Nat. lib. service '56 36p
- Notable children's books of 1955[1958] ALA Bul 50:225-6; 51:185-7; 52:260-2; 53:311-13 Ap '56, Mr '57, Ap '58, Ap '59 annot
- Same. Bklist 52:322-3; 53:363-4; 54:452-3; 55:422-3 Ap 1 '56, Ap 1 '57, Ap 1 '58, Ap 1 '59 annot
- Same. Top News 12:42-4; 13:19-21; 14:42-5; 15:59-62 Mr '56, Mr '57, My '58, My '59 annot
- One hundred best books for children. McCall's 84:44+ N '56
- Parrott, Phyllis. Books for children. Nat. bk. league '55 26p
- Peabody bimonthly booknotes. See numbers of Peabody journal of education
- Pérez-Rioja, José Antonio. Mil obras para los jóvenes. (Spain. Ministerio de educación nacional. (Pubs. de educación nacional, v2) Servicio de pubs. del Ministerio de educación nacional '52 141p

CHILDREN'S literature—*Continued*

- Pichler, Maria. Bücher für jugendliche Leser; ein empfehlendes bucherverzeichnis. (Schriften zur volksbildung, no4, 1955) Austria. Bundesministerium für unterricht '55 132p
- Prague. Výzkumný ústav pedagogické J. A. Komenského. Přehled překladů z ruske a sovětske literatury pro mládež do čestiny, z let 1900-1950; zpracovali Pravoslav Hykeš a Zdenka Marčanová. (Zprávy) The institution '52 56p
- Rush, Nixon Orwin, and Kilzer, Louis Rudolph. Book and magazine list for high-school libraries. (Bul. v 12, no 1) Curriculum & research center, College of education, Univ. of Wyo. '58 47p annot
- São Paulo, Brazil (city). Departamento de cultura. Divisão de bibliotecas infanto-juvenis. Bibliografia de literatura infantil em língua portuguesa [por] Lenyra C. Frac-caroli. The division '53 216p
- Same. 2d enl ed Editora Jornal dos livros '55 280p
- Scherwitzky, M. Children's literature about foreign countries. Wilson Lib Bul 32:142-8 O '57 annot
- Secondary education board. Junior booklist. The board '56-'59 4v annot
- Secondary education board. Senior booklist. The board '56-'59 4v annot
- Secondary education board. Library committee. 1,000 books for independent school libraries; a basic list at the secondary level. The board '55 92p
- Selected list of children's books. Commonweal 63:174-83; 65:181-91; 67:182-91; 69:180-1; 71:212-14+ N 18 '55, N 16 '56, N 15 '57, N 14 '58, N 13 '59 annot
- Siks, Geraldine Brain. Creative dramatics; an art for children. Harper '53 p413-61 annot
- Some background stories—1. Europe. Jr Ekshelt 20:115-20 JI '56 annot
- Spain. Dirección general de archivos y bibliotecas. Catálogo crítico de libros para niños. The administration '54 350p
- Standard catalog for high school libraries; a sel. catalog of 3,585 bks; ed. by Dorothy Herbert West and Marion L. McConnell. 7th ed (Standard catalog ser) Wilson '57 948p annot
- Same and Catholic supplement, 1957 ed; sel. by a com. of the Catholic lib. assn, Helen L. Butler, chairman, under the auspices of Marywood college, Scranton, Pennsylvania. 7th ed (Standard catalog ser) Wilson '57 1123p
- 1958-1959 sup. to the 7th ed, 1957. (Standard catalog ser) Wilson '58-'59 2v annot
- Same with Catholic sup, 1958-1959. (Standard catalog ser) Wilson '58-'59 2v annot
- Strang, Ruth May, and others. Gateways to readable books; an annot. graded list of bks. in many fields for adolescents who find reading difficult. 3d ed Wilson '58 181p
- Strom, I. M. Role of literature in the core curriculum. Ind Univ Sch Ed Bul 34:15-42 My '58
- Targ, William, ed. Bibliophile in the nursery; a bookman's treasury of collectors' lore on old and rare children's bks; ed. with an introd. & notes. World pub. '57 503p annot
- Tooze, Ruth. Storytelling. Prentice-Hall '59 p 163-257 annot
- Tooze, Ruth. Your children want to read: a guide for teachers and parents. Prentice-Hall '57 222p
- Tooze, Ruth, and Krone, Beatrice Perham. Literature and music as resources for social studies. Prentice-Hall '55 p 126-43, 386-410, 456-7
- Toronto. Public library. Books for youth; a guide for teen-age readers; ed. by Margaret Armstrong [and others] 2d ed The library '56 124p
- Toronto. Public library. Osborne collection. Osborne collection of early children's books, 1566-1910; a catalogue prepared at Boys and girls house by Judith St John; with an introd. by Edgar Osborne. The library '58 561p annot
- Wagner, Ruth H. and Green, Ivah E. Put democracy to work. Abelard-Schuman '56 p 128-32

See also

- Aeronautics—Juvenile literature
Children's periodicals
Children's plays
Children's stories
Christmas—Juvenile literature

Fairy tales

- Historical fiction—Juvenile literature
Latin America—Juvenile literature
Mythology—Juvenile literature
Negroes—Juvenile literature
Pilgrim fathers—Juvenile literature
Science—Juvenile literature
Science fiction—Juvenile literature
Space flight—Juvenile literature

Bibliography

- Ahlers, Eleanor E. Books and related materials for children and young people: selected bibliographies and guides. (Curriculum bul. v 13, no 167) School of education, Univ. of Ore. '56 13p

History and criticism

- Ahlers, Eleanor E. Books and related materials for children and young people: selected bibliographies and guides. (Curriculum bul. v 13, no 167) School of education, Univ. of Ore. '56 p2-4

CHILDREN'S museums

- Cart, Germaine, and others. Musées et jeunesse; trois exposés précédés d'un avant-propos de Georges-Henri Rivière et d'une introd. de Peter Floud. Conseil int. des musées '52 p 117-31

CHILDREN'S periodicals

- Dubois, Jacqueline, and Dubois, Raoul. La presse enfantine française; vue d'ensemble, bibliog. critique; avant-propos de Louis Rousselle. (Coll. Docs. et critique) Eds. des francs & franches camarades '57 49p
- Friesicke, Konrad. Handbuch der jugendpresse. Juventa-verlag '56 368p
- Horn, T. D. Periodicals for children and youth. El Ensl 36:242-4 My '59

CHILDREN'S plays

- Lewis, G. L. Children's theatre and creative dramatics: a bibliography. Educ Theatre J 7:144-6 My '55
- Mulgrave, Dorothy Irene. Speech for the classroom teacher. 3d ed Prentice-Hall '55 p312-22

CHILDREN'S poetry

- American library association. Subject index to poetry for children and young people; comp. by Violet Sell [and others] A.L.A. '57 582p

See also

- Children's songs

CHILDREN'S songs

- Tooze, Ruth, and Krone, Beatrice Perham. Literature and music as resources for social studies. Prentice-Hall '55 p 144-55, 411-48

CHILDREN'S stories

- Baker, Augusta. Stories; a list of stories to tell and to read aloud. 5th ed N.Y. Public lib. '58 77p annot

See also

- Fairy tales

- Story telling

CHILDREN'S theater. *See* Theater, Children's

CHILE

- Butland, Gilbert J. Chile; an outline of its geography, economics, and politics, rev ed Royal inst. of int. affairs '53 p 121-3
- Donoso, R. Sociedad de bibliófilos chilenos [bibliographical article] Hispan Am Hist R 36:333-7 Ag '56

Description and travel

- Weischet, W. Geographische beobachtungen auf einer forschungsreise in Chile. Erdkunde 13:21-2 Mr '59

CHILEAN literature

History and criticism

- Montes Brunet, Hugo, and Orlandi, Julio. Historia de la literatura chilena. Editorial del Pacifico '55 p325-9
- Torres-Ríosco, Arturo. Breve historia de la literatura chilena. (Manuales Studium, 1) Eds. de Andrea '56 incl bibliog

CHIMNEY swallows. *See* Swifts

CHIMNEYS

- Becher, Poul. Skorstene for småhuse. Domestic chimneys. (Copenhagen, Statens byggeforskningsinstitut. Studie no6) Teknisk forlag '51 p44-5

CHINA

- American institute of Pacific relations. China: a selected list of references. The institute '57 23p
- Same. 2d ed The institute '57 26p
- Contemporary China; economic and social studies, bibliog. chronology, 1955-1956-57 (V 1-2) Hong Kong univ. press '56-'58 2v

CHINA—Continued

- Cressy, Earl Herbert. Understanding China; a handbk. of background information on changing China. Nelson '57 p271-3
- Fairbank, John King, and Banno, Masataka. Japanese studies of modern China; a bibliog. guide to historical and social-science research on the 19th and 20th centuries. Tuttle '55 331p
- Greene, Felix. What's really happening in China? City lights bks. '59 p46-51
- Hinton, Harold Clendenin, and Jansen, Marius Berthus, eds. Major topics on China and Japan; a handbk. for teachers. Inst. of Pacific relations '57 p301-23 annot
- Lindbeck, J. M. H. Research materials on Communist China. J Asian Stud 18:357-63 My '59
- Noack, Lutz. Neues China; eine empfehlende bibliographie. (Leipzig. Deutsche bücherei. Sonderbibliographien, '9) Verlag für buch- & bibliothekswesen '57 71p
- Prague. Universita Karlova. Knihovna. Čína; bibliografický seznam literatury; sest. Miroslav Kaftan. (Čtete a studujeme, 1955, no2) The library '55 40p
- Roy, Claude. Into China; tr. from the French by Mervyn Savill. McBride '56 p411-16
- Yüan, T'ung-li. China in western literature; a continuation of Cordier's Bibliotheca sinica. Far Eastern '58 802p

Antiquities

- China. Asian Prospect 1:41-5 Summer '57
- Finn, Daniel J. Archaeological finds on Lamna island near Hong Kong; ed. by T. F. Ryan. (Ricci pubs) Univ. of Hong Kong '58 incl bibliog
- Li, Chl. Beginnings of Chinese civilization; three lectures il. with finds at Anyang. Univ. of Wash. press '57 p 113-17
- Yetts, Walter Perceval. West and East and the Chou dynasty. (Occasional papers, no 11) China soc. London '58 p 10-16

Biography

- Wu, Wên-chin. Leaders of twentieth-century China; an annot. bibliog. of sel. Chinese biographical works in the Hoover library, by Eugene Wu. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Bibliog. ser. 4) Stanford univ. press '56 106p annot

Civilization

- Goodrich, Luther Carrington, and Fenn, Henry C. Syllabus of the history of Chinese civilization and culture. 6th ed China soc. of Am. '58 59p

History

- Levenson, Joseph Richmond. Confucian China and its modern fate; the problem of intellectual continuity. Univ. of Calif. press '58 p204-18
- Needham, Joseph. Science and civilization in China with the research assistance of Wang Ling. Cambridge '54-'59 3v v 1. p249-98; v2. p585-653; v3. p685-802

Description and travel

- Cressey, George Babcock. Land of the 500 million; a geography of China. (McGraw-Hill ser. in geography) McGraw '55 p357-80 annot

Economic conditions

- Adler, Solomon. Chinese economy. Monthly review '57 p260-9
- Feuerwerker, Albert. China's early industrialization; Sheng Hsuan-Hsi (1844-1916) and mandarin enterprise. (Harvard East Asian studies, 1) Harvard univ. press '58 p i-xxiii (at end)
- Li, Cho-min. Economic development of Communist China; an appraisal of the first 5 years of industrialization. (Calif. Univ. Bur. of business and economic research. Pubs) Univ. of Calif. press '59 p261-73
- Sung, Lien. Economic structure of the Yüan dynasty; tr. of chapters 93 and 94 of the Yüan shih; ed. by Herbert Franz Schurmann. (Harvard-Yenching inst. studies, 16) Harvard univ. press '56 p243-8
- Yüan, T'ung-li. Economic and social development of modern China; a bibliog. guide. (Behavior science bibliogs) Human relations area files '56 130, 87p

Foreign relations

Russia

- Ch'eng, T'ien-fang. History of Sino-Russian relations; introd. by John Leighton Stuart. Public affairs press '57 p376-81
- McLane, Charles B. Soviet policy and the Chinese Communist, 1931-1946. (Columbia univ. Russian inst. Studies) Columbia univ. press '58 p277-94
- North, Robert Carver. Moscow and Chinese Communists. (Hoover inst. studies. Special studies) Stanford univ. press '53 p287-95
- Wei, Wên-ch'i. China and Soviet Russia, by Henry Wei; with an introd. by Quincy Wright. Van Nostrand '56 p349-57

United States

- Fairbank, John King. United States and China, new ed. completely rev & enl (Am. foreign policy lib) Harvard univ. press '58 p321-44 annot
- Rodzinski, Witold. Agresja amerykańska w Chinach, w latach 1945-1949. Książka i Wiedza '56 p269-80
- Vevier, Charles. United States and China, 1906-1913; a study of finance and diplomacy. Rutgers univ. press '55 p220-6

History

- Chesneaux, J. Les travaux d'histoire moderne et contemporaine en Chine populaire. R Hist 115:2/4-82 Ap '56
- Fairbank, John King. United States and China, new ed. completely rev & enl (Am. foreign policy lib) Harvard univ. press '58 p321-44 annot
- Goodrich, Luther Carrington. Short history of the Chinese people. 3d ed Harper '59 p247-57
- Goodrich, Luther Carrington, and Fenn, Henry C. Syllabus of the history of Chinese civilization and culture. 6th ed China soc. of Am. '58 59p
- Hucker, Charles O. Chinese history; a bibliog. review. (Pub. no 15) Service center for teachers of history '58 42p
- Li, Chien-nung. Political history of China, 1840-1928; tr. and ed. by Ssu-yu Teng and Jeremy Ingalls. Van Nostrand '56 p515-28
- Liu, Wu-chi. Confucius, his life and time. Philosophical lib. '55 p 180-3
- Wright, Arthur F. Buddhism in Chinese history. (Stanford studies in the civilizations of eastern Asia) Stanford univ. press '59 p 129-38 annot

Early to 1643

- Chin shu. English. Selections. Account of the T'u-yu-hun in the history of the Chin dynasty; tr. and annot. by Thomas D. Carrol. (Calif. Univ. Inst. of East Asiatic studies. Chinese dynastic histories trs, no4) Univ. of Calif. press '53 p41-7
- Frankel, Hans Hermann. Catalogue of translations from the Chinese dynastic histories for the period 220-960. (Calif. Univ. Inst. of int. studies. East Asia studies; Chinese dynastic histories trs. sup. no 1) Univ. of Calif. press '57 295p
- Granet, Marcel. Chinese civilization; tr. by Kathleen E. Innes and Mabel R. Brailsford. Meridian '58 p431-5
- Liu, Tzu-chien. Reform in Sung China; Wang An-shih (1021-1086) and his new policies. (Harvard East Asian studies, 3) Harvard univ. press '59 p i-xiv (at end) annot
- Ou-yang, Hsiu. Biography of Huang Ch'ao [Hsin T'ang-shü 225C. 1a-9a] tr. and annot. by Howard S. Levy. (Calif. Univ. Inst. of East Asiatic studies. Chinese dynastic histories trs, no5) Univ. of Calif. press '55 p 130-6
- Pulleyblank, E. G. Background of the rebellion of An Lu-shan. (London oriental ser. v4) Oxford '55 p209-21
- Watson, Burton. Ssu-ma Ch'ien, grand historian of China. Columbia univ. press '58 p241-6

19th century

- See also
Taiping rebellion. 1850-1864

19th century—Sources

- Washington (state). University. Far Eastern and Russian institute. Guide to the memorials of seven leading officials of nineteenth-century China; ed. by Chung-li Chang and Stanley Spector; trs: Mort Bobrow [and others] foreword by Franz Michael. (Washington (state). Univ. Pubs. on Asia) Univ. of Wash. press '55 457p

CHINA—History—Continued

1862-1899

Wright, Mary Clabaugh. Last stand of Chinese conservatism; the Tung-chih restoration, 1862-1864. (Stanford univ. Stanford studies in history, economics, and political science, 13) Stanford univ. press '57 p401-13

1945-

Union research institute. Index to the material on Communist China held by the Institute. The institute '57 250p

History, Local

Hervouet, Y. Catalogue des monographies locales chinoises dans les bibliothèques d'Europe. (Le Monde d'outre-mer, passé et présent; sér4: Bibliogs, 1) Mouton '57 100p

History, Military

Powell, Ralf L. Rise of Chinese military power, 1895-1912. Princeton univ. press '55 p345-57

Industries and resources

Allen, George Cyril, and Donithorne, Audrey Gladys. Western enterprise in Far Eastern economic development, China and Japan. MacMillan '54 p272-9

Feuerwerker, Albert. China's early industrialization; Sheng Hsuan-Hsi (1844-1916) and mandarin enterprise. (Harvard East Asian studies, 1) Harvard univ. press '58 p i-xxiii (at end)

Stanford research institute. International industrial development center. Notes on small industry and handicraft development in mainland China, 1952-1958. (Research program on small industry development. Misc. paper no2) The institute '58 p55-65 annot

United States. National archives. Preliminary inventory of the records of the American war production mission in China (record group 220) comp. by John E. Maddox. (Prelim. inventories, no88) The archives '55 10p

Politics and government

Hou, Fu-wu. Central government of China, 1912-1928; an institutional study by Franklin W. Houn. Univ. of Wis. press '57 p216-29

Li, Chien-nung. Political history of China, 1840-1928; tr. and ed. by Su-yu Teng and Jeremy Ingalls. Van Nostrand '56 p515-28

Rodziński, Witold. Agresja amerykańska w Chinach, w latach 1945-1949. Książka 1 Wiedza '56 p269-80

Walker, Richard Louis. China under communism; the first five years. Yale univ. press '55 p329-35 annot

Wilbur, Clarence Martin, and How, Julie Lien-ying, eds. Documents on communism, nationalism, and Soviet advisers in China, 1918-27; papers seized in the 1927 Peking raid; with introd. essays. Columbia univ. press '56 p565-94 annot

Population

Tashjian, John E. Where China meets Russia: an analysis of Dr Starlinger's theory. (No2) Central Asia Collectanea '59 p57-67

United States. Bureau of the census. Population and manpower of China: an annot. bibliography. (Int. population reps. Ser P-90, no8) The bureau '58 132p

Religion

See also
Mohammedans in China

Social conditions

Chang, Chung-li. Chinese gentry; studies on their role in nineteenth-century Chinese society; introd. by Franz Michael. (Wash. Univ. Far Eastern and Russian inst. Pubs. on Asia) Univ. of Wash. press '55 p232-43

Glessing, G. Chinese anthropology and new China's policy towards her minorities. Acta Sociol 2 no 1:66-8 '56

Social life and customs

Granet, Marcel. Chinese civilization; tr. by Kathleen E. Innes and Mabel R. Brailsford. Meridian '58 p431-5

CHINA (porcelain) See Pottery

CHINA and Europe

Princeton university. Library, East & West: Europe's discovery of China & China's response to Europe, 1511-1839; a checklist of the exhibition in the Library. Feb. 15-Apr. 30, 1957; comp. by Howard C. Rice [and others] The library '57 94p

CHINESE bronzes. See Bronzes, Chinese

CHINESE in Asia, Southeastern

Freedman, M. Chinese communities in Southeast Asia: review article. Pac Affairs 31:300-4 S '58

Purcell, Victor William Williams Saunders. Chinese in southeast Asia. Oxford '51 p713-43

CHINESE in Indonesia

Bone, Robert C. Role of the Chinese in Indonesia; a paper submitted to Yale univ. and the Foreign service inst. Dept. of state, in conjunction with a detail for the study of Indonesian and the southeast Asia area, 1950-51. (Monograph ser) U.S. Foreign service inst. '61 p 143-8

CHINESE in Thailand

Skinner, George William. Chinese society in Thailand: an analytical history. Cornell univ. press '57 p421-38

Skinner, George William. Leadership and power in the Chinese community of Thailand. (Assn. for Asian studies. Monographs, 3) Cornell univ. press '58 p347-50

CHINESE language

Serruys, Paul Leo Mary. Chinese dialects of Han time according to Fang yen. (Calif. Univ. Pubs. in east Asiatic philology, v2) Univ. of Calif. press '59 p331-50

CHINESE literature

Oey, Giok Po. Survey of Chinese language materials on southeast Asia in the Hoover institute and library. (Data paper no8) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '53 73p

History and criticism

Bishop, John Lyman. Colloquial short story in China; a study of the San-yen collection. (Harvard-Yenching inst. studies, 14) Harvard univ. press '56 p 127-44

Translations

Davidson, Martha. List of published translations from Chinese into English, French, and German. tentative ed Edwards '52-'58 2v

CHINESE manuscripts. See Manuscripts, Chinese

CHINESE philosophy. See Philosophy, Chinese

CHINESE TURKESTAN. See Sinkiang, China

CHIODI, Cesare, 1885-

Aspetti, problemi, realizzazioni di Milano; raccolta di scritti in onore di Cesare Chiodi. Giuffrè '57 p 12-14

CHIOS (island)

Argenti, Philip Pandely. Occupation of Chios by the Genoese and their administration of the island, 1346-1566; described in contemporary docs. & official dispatches; with a pref. by Sir Steven Runciman. Cambridge '58 3v v 1, p665-72

CHIPPEWA Indians

Boggs, S. T. Culture change and the personality of Ojibwa children. Am Anthropol 60:56-8 F '58

Lips, Eva. Die reiserte der Ojibwa-Indianer; wirtschaft und recht eines erntevolkes. (Akad. der wissenschaften, Berlin. Sektion für völkerkunde und deutsche volkskunde. Völkerkundliche forschungen, 1) Akademie-verlag '56 p295-315

CHIRICO, Giorgio de, 1888-

Soby, James Thrall, Giorgio de Chirico. Museum of modern art '55 p254-8

CHIROPTERA. See Bats

CHIVERS, Thomas Holley, 1809-1858

Watts, Charles Henry. Thomas Holley Chivers, his literary career and his poetry. Univ. of Ga. press '56 p273-9

CHLORAMPHENICOL. See Chloromycetin

CHLORIDES

See also
Calcium chloride

CHLORINATION of water. See Water purification—Chlorination

CHLORITE (mineral)

Lapham, D. M. Structural and chemical variation in chromium chlorite. Am Min 43: 954-6 S '58

CHLOROETHYL amines*See also*

Nitrogen mustards

CHLOROETHYLENES. *See* Trichloroethylene**CHLOROMYCETIN**Wissemann, C. L. and others. Mode of action of chloramphenicol. *J Bact* 67:671-3, 678-9 Je '54

Woodward, Theodore E. and others. Chloromycetin (chloramphenicol). (Antibiotics monographs, no8) Medical encyclopedia '58 p 125-52

—Same; with title: Cloromicetina (cloramfenicol). (Monografias sobre antibióticos, no8) Medical encyclopedia '58 p 136-63

CHLOROPHYLLKephart, J. C. Chlorophyll derivatives; their chemistry, commercial preparation and uses. *Econ Bot* 9:35-8 Ja '55Orr, W. L. and Grady, J. R. Determination of chlorophyll derivatives in marine sediments. *Deep Sea Res* 4 no4:271 '57Orr, W. L. and others. Preservation of chlorophyll derivatives in sediments off southern California. *Am Assn Pet Geol Bul* 42:956-8 My '58Pandey, K. K. and Blaydes, G. W. Cytoplasmic inheritance of plastids in *impatiens sultanii* Hook. f., *petunia violacea* Lindl. and *chlorophytum elatum* R. Br. *Ohio J Sci* 57:146-7 My '57

Vogel, Hans. Das chlorophyll in medizin und kosmetik. Carl '54 p 139-43

Wolf, F. T. Changes in chlorophylls A and B in autumn leaves. *Am J Bot* 43:717-18 N '56*See also***CHLOROPLASTS**Littau, C. Cytochemical study of the chloroplasts in some higher plants. *Am J Bot* 45:52-3 Ja '58McClendon, J. H. Physical environment of chloroplasts as related to their morphology and activity in vitro. *Plant Physiol* 29:457-8 S '54**CHLOROSIS (botany)**Cain, J. C. Blueberry chlorosis in relation to leaf pH and mineral composition. *Am Soc Hort Sci Proc* 64:69-70 '54DeKock, P. C. Heavy metal toxicity and iron chlorosis. *Ann Bot* 20:140-1 Ja '56Iljin, W. S. Biogénica de plantas cloróticas desarrolladas en suelos calcareos. *Agron Trop* 3:196-200 O '53Sideris, C. P. and Young, H. Y. Pineapple chlorosis in relation to iron and nitrogen. *Plant Physiol* 31:221-2 My '56

Wallace, Arthur, ed. Symposium on the use of metal chelates in plant nutrition. Nat. press '56 incl bibliog

CHOCOLAT*See also*

Cocoa

CHOCTAW Indians

Lewis, Anna. Chief Pushmataha, American patriot; the story of the Choctaws' struggle for survival. Exposition '59 p 198-200

CHOICE (psychology)Elkins, Deborah. Some factors related to the choice-status of ninety eight-grade children in a school society. (In *Genetic psychology monographs*, v53. Journal press '58 p271-2)

Luce, Robert Duncan. Individual choice behavior: a theoretical analysis. Wiley '59 p 147-9

CHOICE of books. *See* Book selection**CHOIRS (music)**

Williams, Loren R. Graded choir handbook. Convention '58 p 150-2

CHOLESTEROL

Kritchevsky, David. Cholesterol. Wiley '58 incl bibliog

Peterson, D. W. Plant sterols and tissue cholesterol levels. *Am J Clin Nutrition* 6:647-9 N '58Pohndorf, R. H. Cholesterol studies: a review. *Res Q* 29:190-2 My '58*See also*

Blood—Cholesterol content

CHOLINEGriffith, W. H. Renal lesions in choline deficiency. *Am J Clin Nutrition* 6:269-70 My '58**CHOLINESTERASE**Fleisher, J. H. and Pope, E. J. Colorimetric method for determination of red blood cell cholinesterase activity in whole blood. *AMA Archives Ind Hygiene & Occup Med* 9:334 Ap '54Fredriksson, Torsten. Studies on the percutaneous absorption of sarin and two allied organo-phosphorus cholinesterase inhibitors. (Sup41) *Acta dermatovenereologica* '58 p72-83Metcalf, R. L. and others. Substrate preferences of insect cholinesterases. *Entom Soc Am Ann* 48:228 J1 '55Sawyer, C. H. Further experiments on cholinesterase and reflex activity in *amblystoma* larvae. *J Exp Zool* 129:576-8 Ag '55Sippel, T. O. Properties and development of cholinesterase in the hearts of certain vertebrates. *J Exp Zool* 128:182-4 F '55**CHONDRIOSOMES.** *See* Mitochondria**CHOPIN, Frédéric Francois, 1810-1849**

Vidaković, A. Bibliographie über Frédéric Chopin in Jugoslawien. (In Zagiba, František. Chopin-jahrbuch. Amalthea-verlag '56 p234-9)

CHOREOGRAPHY. *See* Ballet; Dancing**CHOSEN.** *See* Korea**CHRESTIEN de Troyes, 12th cent**

Holmes, Urban Tigner, and Klenka, Sister Mary. Amelia. Chretien, Troyes, and the Grail. Univ. of N.C. press '59 p215-23

CHRISTIAN art and symbolism

Appleton, LeRoy H. and Bridges, Stephen. Symbolism in liturgical art; introd. by Maurice Lavanoux. Scribner '59 p 113-16 annot

Frank, Karl Borromäus. Kernfragen kirchlicher kunst; grundsätzliches und erläuterungen zur unterweisung des Heiligen ofiziums vom 30. juni 1952 über die kirchliche kunst. Herder '53 p 140-2

Kovács, E. Casula Sancti Stephani regis. *Acta Hist Art* 5 no3:220-1 '58

Lehmann, Arno. Die kunst der jungen kirchen. 2d rev & enl ed Evangelische verlagsanstalt '57 p249-53

Nordström, Folke. Virtues and vices on the 14th century corbels in the choir of Uppsala cathedral. (Uppsala. Univ. Inst. of art history. Figura, 7) Almqvist '56 p 117-23

See also

Church architecture

Icons

Mary, Virgin—Art

History

Rice, David Talbot. Beginnings of Christian art. Abingdon '57 incl bibliog

CHRISTIAN church (disciples) *See* Disciples of Christ**CHRISTIAN doctrine.** *See* Theology, Doctrinal**CHRISTIAN education.** *See* Religious education**CHRISTIAN ethics**Contenson, P. M. de. Bulletin de théologie morale. *R Sci Philos & Théol* 39:38-71; 40:315-85 Ja '55. Ap '56

Davis, John Denis. Moral obligations of Catholic civil judges. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no78) Catholic univ. of Am. press '53 p205-16

Elert, Werner. Christian ethos; tr. by Carl J. Schindler. Muhlenberg press '57 p439-41

Ford, John Cuthbert, and Kelly, Gerald. Contemporary moral theology; v 1. Questions in fundamental moral theology. Newman press '58 p353-60

Forell, George Wolfgang. Ethics of decision; an introd. to Christian ethics. Muhlenberg '55 p 156-8 annot

Guzzetti, Giovanni Battista. La morale cattolica. Marietti '55-'56 3v incl bibliog

Henry, Carl Ferdinand Howard. Christian personal ethics. Eerdmans '57 p585-91

Henry, C. F. H. Checklist of significant books on Christian personal ethics. Fuller Lib Bul no 26:3-8 Ap '55

Rasmussen, Albert Terrill. Christian social ethics; exerting Christian influence. Prentice-Hall '56 incl bibliog

Rehwinkel, Alfred Martin. Planned parenthood and birth control in the light of Christian ethics. Concordia '59 p 109-12

Thomas, George Finger. Christian ethics and moral philosophy. Scribner '55 p523-7

See also

Perfection (theology)

Psychology, Pastoral

CHRISTIAN life

Bayne, Stephen Fielding. Christian living; with the assistance of the Author's com. of the Dept. of Christian education of the Protestant Episcopal church. (Church's teaching, v5) Seabury '57 p327-35

CHRISTIAN life—Continued

- Haley, Joseph Edmund, ed. Apostolic sanctity in the world; a symposium on total dedication in the world and secular institutes. Univ. of Notre Dame press '57 p 197-210
- Riley, John E. This holy estate (guidance in Christian homemaking) Warner press '57 incl bibliog

See also

- Christian ethics
Prayer

CHRISTIAN literature, Early

See also

- Fathers of the church
Theology—Early church

History and criticism

- Bulletin d'ancienne littérature chrétienne latine. R. Bénédictine 68:1-88 (at end) 69:1-144 (at end) '58-'59
- Spanneut, Michel. Le stoïcisme des Pères de l'Eglise: de Clément de Rome à Clément d'Alexandrie; préf. de H. I. Marrou. (Patristica sorbonensia, 1) Eds. du Seuil '57 p435-46

Translations into Russian

- Kern, Cyprien. Les traductions russes des textes patristiques; guide bibliographique. Eds. de Chevetogne '57 74p

CHRISTIAN Science

- Leishman, Thomas Linton. Why I am a Christian Scientist. Nelson '58 p239-40

CHRISTIAN sociology. See Sociology, Christian**CHRISTIAN stewardship. See Stewardship, Christian****CHRISTIAN union. See Church unity****CHRISTIANITY**

- Guignebert, Charles Alfred Honoré. Jesus; tr. from the French by S. H. Hooke. Univ. bks. '56 p539-53
- Hackman, George Gottlob, and others. Religion in modern life. Macmillan '57 p455-69
- Harkness, George Elma. Foundations of Christian knowledge. Abingdon '55 p 154-7
- Harrington, John B. Essentials in Christian faith. Harper '58 p274-90
- Henderlite, Rachel. Call to faith. John Knox press '55 p202-8 annot
- Hessert, Paul. Introduction to Christianity. Prentice-Hall '58 incl bibliog
- McDormand, Thomas Bruce. Christian must have an answer. Broadman '59 p 110-12
- Thomas, William Henry Griffith. Christianity is Christ. 4th ed Eerdmans '55 p 155-7
- Warne, Floyd Lawrence. Christianity: a critique of religious doctrine. Vantage '56 p 109-14
- Wickenden, Arthur Consaul. Concerns of religion. rev & enl ed Harper '59 p 179-82

See also

- Church
God
Jesus Christ
Missions
Protestantism
Reformation
Theology

History

See Church history

CHRISTIANITY and economics

- Drummond, William Francis. Social justice. Bruce pub. '55 p 119-25
- Trugenberger, Alberto E. San Bernardino da Siena; considerazioni sullo sviluppo dell'etica economica cristiana nel primo rinascimento. (Staatswissenschaftliche studien, new ser, v9) Francke '51 p ix-xi

CHRISTIANITY and other religions**Buddhism**

- Fingesten, Peter. East is east: Hinduism, Buddhism, Christianity; a comparison. Muhlenberg press '56 p 176-81

Hinduism

- Fingesten, Peter. East is east: Hinduism, Buddhism, Christianity; a comparison. Muhlenberg press '56 p 176-81

- Soper, Edmund Davison. Inevitable choice; Vedanta philosophy or Christian gospel. Abingdon '57 p 183-7

Judaism

- Jocz, Jakób. Theology of election; Israel and the church; with a pref. by F. D. Coggan. Macmillan '58 p216-19

CHRISTIANITY and politics

- Esbjornson, Robert. Christian in politics: Luther W. Youngdahl; a story of a Christian's faith at work in a modern world. Denison '55 p319-84
- Lefever, Ernest W. Christian ethics and U.S. foreign policy; an annot. reading list and guide to current information. Dept. of int. justice & goodwill, Nat. council of the churches of Christ in the U.S.A. '53 26p

CHRISTIANITY and science. See Religion and science**CHRISTIANS in China**

- Price, Frank W. Selected bibliography of books, pamphlets and articles on Communist China and the Christian church in China. (Occasional bul. v9, no8) Missionary research lib. '58 21p

CHRISTIANS in India

See also

Church of South India**CHRISTIANS in the East**

- Rondot, Pierre. Les chrétiens d'Orient. (Cahiers de l'Afrique et l'Asie, 4) Peyronnet '55 p281-92

CHRISTINA, queen of Sweden, 1626-1689

- Olofsson, Sven Ingemar. Drottning Christinas tronavsägelse och trosförändring. Appelbergs boktr. '53 p337-62

CHRISTMAS

- Holbrook, B. Christmas and the curriculum in science. Wilson Lib Bul 32:289-92 D '57 annot

- Sutfin, Edward J. True Christmas spirit. Grail pubs. '55 p 151-4

- Sweeney, Mary Martha. Christmas customs. (Curriculum bul. no 156) School of education, Univ. of Ore. '55 p 10-13

Juvenile literature

- Minard, R. Christmas stories for children. Cath Lib World 27:117-18 D '55 annot

CHRISTMAS trees

- Chapman, Arthur Glenn, and Wray, Robert D. Christmas trees for pleasure and profit. Rutgers univ. press '57 p205-8

CHRISTOPHE, pseud. See Colomb, G.**CHRIST'S hospital, Horsham, England**

- Christ's hospital, Horsham, England. Christ's hospital book; with a foreword by H.R.H. the Duke of Gloucester. Hamilton '53 p 371-412

CHROMATES

- United States. Public health service. Division of occupational health. Health of workers in chromate producing industry; a study. (Pub. no 192) U.S. Public health service '53 p 126-31

CHROMATICS. See Color**CHROMATIN**

- Moore, K. L. and others. Sex chromatin of the bovine freemartin. J Exp Zool 135:118-21 Je '57
- Robinow, C. F. Chromatin bodies of bacteria. Bact R 20:238-42 D '56

CHROMATOGRAPHIC analysis

- Block, Richard Joseph, and others. Manual of paper chromatography and paper electrophoresis; with the cooperation of Raymond Le Strange [and others] 2d ed Academic press '55 p410-41

- Friedman, F. and Kagan, I. G. Paper chromatographic analysis of nipprostrogylus muris larvae. Am Micros Soc Trans 76:371-2 O '58

- Gaddis, A. M. and others. Carbonyls in oxidizing fat. Food Res 23:295-7 My '59

- Strain, H. H. Chromatography; analysis by differential migration. Anal Chem 30:627-9 Ap '58

- Strain, H. H. and Sato, T. R. Chromatography and electrochromatography. Anal Chem 28:693-4 Ap '56

- Thompson, J. F. and others. Partition chromatography and its use in the plant sciences. Bot R 25:229-63 Ja '59

- Williams, Trevor Iltyd. Elements of chromatography. Philosophical lib. '55 incl bibliog

See also

Gas chromatography**CHROMATOPHORES**

- Zimmermann, Arnold Albert, and Becker, Samuel William. Melanoblasts and melanocytes in fetal Negro skin. (Ill. Univ. Monographs in medical sciences, v6, no3) Univ. of Ill. press '59 p36-7

See also

Chloroplasts

CHROMIC oxides. See Chromium oxides**CHROMIUM**

- American society for metals. Ductile chromium and its alloys; proceedings of a conference under the auspices of Office of ordnance research, U.S. Army, held at the 1955 Metal congress and exposition of the Society. The society '57 incl bibliog
- Sully, Arthur Henry. Chromium. (Metallurgy of the rarer metals, 1) Academic press '54 incl bibliog
- Udy, Marvin J. ed. Chromium. (Am. chemical soc. Monograph ser, no 132) Reinhold '56 2v incl bibliog

CHROMIUM alloys

- American society for metals. Ductile chromium and its alloys; proceedings of a conference under the auspices of Office of ordnance research, U.S. Army, held at the 1955 Metal congress and exposition of the Society. The society '57 incl bibliog

CHROMIUM oxides

- Putnam, P. A. and others. Excretion of chromium oxide by dairy cows. J Dairy Sci 41:1727-9 D '58

CHROMIUM plating

- Morisset, Paul, and others. Chromium plating. Draper '54 p553-74

CHROMOSOMES

- Alexander, M. L. Mutation rates at specific autosomal loci in the mature and immature germ cells of *drosophila melanogaster*. Genetics 39:427-8 My '54
- Allen, S. L. Linkage relations of the genes histocompatibility-2 and fused tail, brachyury and kinky tail in the mouse, as determined by tumor transplantation. Genetics 40:649-50 S '55
- Beatty, Richard Alan. Parthenogenesis and polyploidy in mammalian development. (Cambridge monographs in experimental biology, no7) Cambridge '57 p 114-27
- Bender, M. A. Comparative effects of hard and soft ionizing radiations on male and female ring X *drosophila* in air and nitrogen. Genetics 43:136-8 Ja '58
- Dunbar, R. W. Salivary gland chromosomes of two sibling species of black flies included in *eusimulium aureum* Fries. Can J Zool 36:43-4 F '58
- Edwards, R. G. Colchicine-induced heteroploidy in the mouse. J Exp Zool 137:342-4 Mr '58
- Epling, C. and others. Relation of an inversion system to recombination in wild populations. Evolution 11:246-7 Je '57
- Fankhauser, G. and Humphrey, R. R. Chromosome number and development of progeny of triploid axolotl males crossed with diploid females. J Exp Zool 126:57-8 Je '54
- Fox, A. S. Chromatographic differences between males and females in *drosophila melanogaster* and role of X and Y chromosomes. Physiol Zool 29:298 O '56
- Gates, Reginald Ruggles. Genetic linkage in man. Junk '54 p39-46
- Haas, F. L. and others. Measurement and control of some direct and indirect effects of X-radiation. Genetics 39:469-71 JI '54
- Herskowitz, I. H. and Abrahamson, S. Induced changes in female germ cells of *drosophila*. Genetics 42:452-3 JI '57
- Humphrey, R. R. and Fankhauser, G. Origin of spontaneous and experimental haploids in the Mexican axolotl (*siredon*-or *ambystoma-mexicanum*) J Exp Zool 134:446-7 Ap '57
- Lindsley, D. L. Spermatogonial exchange between the X and Y chromosomes of *drosophila melanogaster*. Genetics 40:43-4 Ja '55
- Mulvey, R. H. Oogenesis in several free-living and plant-parasitic nematodes. Can J Zool 33:310 Ag '55
- Newcomer, E. H. Mitotic chromosomes of the domestic fowl. J Heredity 48:233-4 S '57
- Pipkin, S. B. Sex balance in *drosophila melanogaster*: aneuploidy of short regions of chromosome 3, using the triploid method. Tex Univ Pub no5914:86-8 JI 15 '59
- Redfield, H. Egg mortality and interchromosomal effects on recombination. Genetics 42:727-8 N '57
- Rothfels, K. H. and Fairlie, T. W. Non-random distribution of inversion breaks in the midge *tendipes decorus*. Can J Zool 35:262-3 Ap '57
- Schacht, L. E. Time of X-ray induction of crossovers and of translocations in *drosophila melanogaster* males. Genetics 43:677-8 S '58
- Sharma, A. K. and Sharma, A. Recent advances in the study of chromosome structure. Bot R 24:540-9 O '58
- Stern, C. and Kodani, M. Studies on the position effect at the cubitus interruptus locus of *drosophila melanogaster*. Genetics 40:372-3 My '55
- Stumm-Zollinger, E. and Goldschmidt, E. Geographical differentiation of inversion systems in *drosophila subobscura*. Evolution 13:97-8 Mr '59
- Taylor, J. Time and mode of duplication of chromosomes. Am Natur 91:219-21 JI '57
- Tobias, Philip V. Chromosomes, sex-cells, and evolution in a mammal; based mainly on studies of the reproductive glands of the gerbil, and a new list of chromosome numbers of mammals; foreword by Theodosius Dobzhansky. Lund '56 p363-84
- White, M. J. D. Cytogenetics of the grasshopper *moraba scurra*. Australian J Zool 5:303-4, 347, 353-4 O '57
- Yost, H. T. and Benneyan, R. N. Effects of combined radiations on crossing over in *drosophila melanogaster*. Genetics 42:159-60 Mr '57
- See also
Genes
Karyokinesis
Polyploidy
- CHROMOSOMES (botany)**
- Baldwin, J. T. and Speese, B. M. Chromosomes of taxa of the alismataceae in the range of Gray's Manual. Am J Bot 42:410-11 Ap '55
- Beatty, A. V. and others. Effect of various intensities of X radiation on chromosomal aberrations. Am J Bot 43:331-2 My '56
- Bradley, M. V. and Crane, J. C. Effect of 2,4,5-trichlorophenoxyacetic acid on cell and nuclear size and endopolyploidy in parenchyma of apricot fruits. Am J Bot 42:230-1 Mr '55
- Brown, M. S. Division of univalent chromosomes in *gossypium*. Am J Bot 45:32 Ja '58
- Brown, S. W. and Zohary, D. Relationship of chiasmata and crossing over in *lilium formosum*. Genetics 40:872-3 N '55
- Bryan, V. S. Chromosomes and systematic position of the inoperculate mosses, *pleuridium* and *bruchia*. Am J Bot 43:467-8 JI '56
- Buffalo, N. D. Comparative cytological study of four species of *chlamydomonas*. Torrey Bot Club Bul 85:177-8 My '58
- Burnham, C. R. Chromosomal interchanges in plants. Bot R 22:523-52 JI '56
- Cole, K. Effect of various trisomic conditions in *datura stramonium* on crossability with other species. Am J Bot 43:801 D '56
- Crowder, L. V. Morphological and cytological studies in tall fescue (*festuca arundinacea* Schreb.) and meadow fescue (*F. elatior* L.) Bot Gaz 117:222-3 Mr '56
- Deschner, E. and Sparrow, A. H. Chromosome rejoining capacity with respect to breakage sensitivity to X-rays and thermal neutrons. Genetics 40:474-5 JI '55
- Eigsti, O. J. Induced polyploidy. Am J Bot 44:278-9 Mr '57
- Endrizzi, J. E. Cytological studies of some species and hybrids in the eu-sorghums. Bot Gaz 119:9-10 S '57
- Faberge, A. C. Relation between chromatid-type and chromosome-type breakage-fusion-bridge cycles in maize endosperm. Genetics 43:748-9 S '58
- Gerstel, D. U. and Phillips, L. L. Segregation in new allopolyploids of *gossypium*. Genetics 42:796-7 N '57
- Gould, F. W. Chromosome numbers in southwestern grasses. Am J Bot 45:767 D '58
- Hegwood, M. P. and Hough, L. F. Mosaic pattern of chromosome numbers in the White Winter Pearmain apple and six of its seedlings. Am J Bot 45:354 My '58
- Hougas, R. W. and Peloquin, S. J. Potential of potato haploids in breeding and genetic research. Am Potato J 35:707 O '58
- Howe, H. B. Crossing over and nuclear passing in *neurospora crassa*. Genetics 41:621-2 JI '56
- Hyde, B. B. and Paliwal, R. L. Studies on the role of cations in the structure and behavior of plant chromosomes. Am J Bot 45:437-8 Je '58
- Jodon, N. E. Inheritance of some of the more striking characters in rice. J Heredity 48:191-2 JI '57
- Khoshoo, T. N. Polyploidy in gymnosperms. Evolution 13:36-9 Mr '59

CHROMOSOMES (botany)—Continued

- Kuspira, J. and Unrau, J. Genetic analyses of certain characters in common wheat using whole chromosome substitution lines. *Can J Plant Sci* 37:324-6 J1 '57
- Laughnan, J. R. Structural and functional bases for the action of the A alleles in maize. *Am Natur* 89:102-3 Mr '55
- Liljefors, Alf. Cytological studies in sorbus. (Svenska vetenskapsakademien, Stockholm. Trädgård Bergielund. Acta horti bergiani, v 17, no4) Almqvist '55 p 109-13
- Löve, A. and Löve, D. Chromosomes and taxonomy of eastern North American polygonum. *Can J Bot* 34:520-1 J1 '56
- Löve, A. and Sarkar, N. Cytotaxonomy and sex determination of *rumex paucifolius*. *Can J Bot* 34:267-8 Mr '56
- Löve, A. and others. Cytotaxonomy of *carex section capillares*. *Can J Bot* 35:749-61 S '57
- Maguire, M. P. Cytogenetic studies of zea hyperploid for a chromosome derived from *tripsacum*. *Genetics* 42:485-6 J1 '57
- Mitra, S. Effects of X-rays on chromosomes of *lilium longiflorum* during meiosis. *Genetics* 43:787-9 N '58
- Mooring, J. Cytogenetic study of *clarkia unguiculata*. *Am J Bot* 45:242 Mr '58
- Mulligan, G. A. Chromosome numbers of Canadian weeds. *Can J Bot* 35:787-9 S '57
- Narayanan, C. R. Studies in the acanthaceae. *Madras Univ J secB* 26:205-7 Ag '56
- Nichiyama, I. Basic numbers in the polyploidy of *saccharum*. *J Heredity* 47:98-9 Mr '56
- Pandey, K. K. Studies in autotetraploids of linseed (*linum usitatissimum* L.) *Lloydia* 19:128, 267-8 Je, D '56
- Partanen, C. R. and others. Nuclear behavior in relation to abnormal growth in fern prothall. *Am J Bot* 42:255-6 Mr '55
- Riley, R. and others. Evidence on the origin of the B genome of wheat. *J Heredity* 49: 97-8 My '58
- Robertson, D. W. and others. Summary of linkage studies in barley: supplement II, 1947-1953. *Agron J* 47:424-5 S '55
- Sampson, D. R. Studies on the progeny of triploid *philadelphus* and *forsythia*. *Arnold Arbor J* 36:380-3 O '55
- Sarkar, N. M. Cytotaxonomic studies on *rumex section axillares*. *Can J Bot* 36:933-6 N '58
- Sax, H. J. Polyploidy and apomixis in *cotoneaster*. *Arnold Arbor J* 35:362-5 O '54
- Schertz, K. F. and Murphy, R. P. Fertility in relation to chromosome constitution and behavior in *bromus inermis* Leyss. *Agron J* 50:376 J1 '58
- Sharma, A. K. Fixation of plant chromosomes. *Bot R* 22:691-5 D '56
- Sharma, A. K. and Sharma, A. Recent advances in the study of chromosome structure. *Bot R* 24:540-9 O '58
- Smith, H. H. and Lotfy, T. A. Effects of beta-propiolactone and ceepryn on chromosomes of *vicia* and *allium*. *Am J Bot* 42: 757-8 O '55
- Steere, W. C. Chromosome number and behavior in arctic mosses. *Bot Gaz* 116:132-3 D '54
- Steffensen, D. Effects of various cation imbalances on the frequency of X-ray-induced chromosomal aberrations in *tridascantia*. *Genetics* 42:251-2 My '57
- Therman, E. Cytotaxonomy of the tribe polygonatae. *Am J Bot* 43:141-2 F '56
- Thomas, R. G. Sexuality in diploid and hexaploid races of *mercurialis annua* L. *Ann Bot* 22:71-2 Ja '58
- Walters, J. L. Spontaneous meiotic chromosome breakage in natural populations of *paeonia californica*. *Am J Bot* 43:353-4 My '56
- Walters, Marta (Sherman). Studies of spontaneous chromosome breakage in interspecific hybrids of *bromus*. (Calif. Univ. Pubs. in botany v28, no6) Univ. of Calif. press '57 p400-4
- Walters, Marta (Sherman). Study of half-chromatid fragments in meiosis of the hybrid *bromus trinii* x *B. maritimus*. (Calif. Univ. Pubs. in botany, v28, no 1) Univ. of Calif. press '55 p 12-13
- Walters, M. S. Aberrant chromosome movement and spindle formation in meiosis of *bromus* hybrids: an interpretation of spindle organization. *Am J Bot* 45:288-9 Ap '58
- Yarnell, S. H. Cytogenetics of the vegetable crops. *Bot R* 22:154-66 F '56
- See also*
Centromeres (botany)
Genes (botany)
Meiosis (botany)
- CHRONIC diseases.** *See* Diseases, Chronic
- CHRONOLOGY**
See also
Calendar
- CHRONOLOGY, Archeological.** *See* Archeology, Stratigraphic
- CHRYSLITE.** *See* Olivine
- CHRYSOSTOM, John, Saint, 344?-407**
Chrysostom, John. Priesthood; a tr. of the Peril hierosynes of St John Chrysostom, by W. A. Jurgens. Macmillan '55 p xvii-xviii
- CHURCH**
Cerfaux, Lucien. Church in the theology of St Paul; English tr. by Geoffrey Webb and Adrian Walker. Herder & Herder '59 p393-401
- Davies, John Gordon. Spirit, the church, and the sacraments. Faith press '54 p227-30
- Grimes, Howard. Church redemptive. Abingdon '58 p 181-3
- Leiffer, Murray Howard. Effective city church. rev ed Abingdon '55 p227
- Miller, Donald George. Nature and mission of the church. John Knox press '57 p 131-4
- See also*
Christianity
Country church
Jesus Christ
- History of doctrines**
Woodhouse, Hugh Frederic. Doctrine of the church in Anglican theology, 1547-1603. S.P.C.K. '54 p208-19
- Infallibility**
Dibble, Romuald, A. John Henry Newman: the concept of infallible doctrinal authority. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no91) Catholic univ. of Am. press '55 p297-308
- CHURCH and education**
American association of colleges for teacher education. Focus on religion in teacher education; essays written at Western Mich. college, Kalamazoo, Mich. for the Teacher education and religion project. The association '55 p80-7
- Kucera, Daniel W. Church-state relationships in education in Illinois. (Educational research monographs, v 19, no 1) Catholic univ. of Am. press '55 p234-47
- National conference of Christians and Jews. Dissertations and theses in religion and public education; a partial listing, 1952-1958; comp. by Elizabeth D. Norris. Religion & public education com. Comm. on religious operations '58 6p
- Snavey, Guy Everett. Church and the four year college; an appraisal of their relation. Harper '55 p 199-204
- See also*
Public schools and religion
- CHURCH and labor**
Daniel, John. Labor, industry, and the church; a study of the interrelationships involving the church, labor, and management. Concordia '57 incl bibliog
- CHURCH and race relations.** *See* Church and social problems
- CHURCH and social problems**
Cook, Clair M. Modern samaritan; a handbk. on Christian social action. Board of social & economic relations of the Methodist church '56 p72-7 annot
- Cronin, John Francis. Social principles and economic life. Bruce pub. '59 incl bibliog annot
- Dempsey, Bernard William. Functional economy; the bases of economic organization. Prentice-Hall '58 p489-99
- Doornkaat, Hans ten. Die oekumenischen arbeiten zur sozialen frage. Gotthelf '54 p251-7
- Duff, Edward. Social thought of the World council of churches. Assn. press '56 p321-31
- Jones, Henry D. Urban and industrial missions. (Occasional bul. v 10, no5) Missionary research lib. '59 p8-10 annot

CHURCH and social problems—Continued

- Klemme, Huber F. Your church and your community. Christian education press '57 p 116-21 annot
- Maston, Thomas Bufford. Christianity and world issues. Macmillan '57 p355-67 annot
- Miller, Robert Moats. American Protestantism and social issues, 1919-1939. Univ. of N.C. press '58 p351-70
- Obenhaus, Victor. Responsible Christian. Univ. of Chicago press '57 p208-15
- Smith, Timothy Lawrence. Revivalism and social reform in mid-nineteenth century America. Abingdon '57 p238-48 annot

See also

Christianity and economics
Socialism and Catholic church
Sociology, Christian

CHURCH and state

- Dordett, Alexander. Der geistliche charakter der kirchlichen gerichtbarkeit; eine rechts-historische studie über die bestrebungen der antikuralisten zur beschränkung der iurisdiclio coactiva. The author '54 p209-15

See also

Christianity and politics
Church and education
Ecclesiastical law
Religious liberty

Czechoslovakia

- Němec, Ludvík. Church and state in Czechoslovakia; historically, juridically, and theologically documented. Vantage '55 p527-61

Europe, Eastern

- Free Europe committee, incorporated. Mid-European studies center. Church and state behind the iron curtain; Czechoslovakia, Hungary, Poland, Romania; with an introd. on the Soviet Union; prepared under the general editorship of Vladimir Gsovski. Praeger '55 incl bibliog

Great Britain

- Brose, Olive J. Church and parliament; the reshaping of the Church of England, 1828-1860. Stanford univ. press '59 p221-33

Russia

- London, I. D. and Poltoratzky, N. P. Contemporary religious sentiment in the Soviet Union. Psychol Reps 3:128-30 Mr '57
- Spinka, Matthew. Church in Soviet Russia. Oxford '56 p 167-9

United States

- Beth, Loren P. American theory and state. Univ. of Fla. press '58 p 171-5
- Cunningham, Merrimon. Freedom's holy light. Harper '55 p 165-88
- Kucera, Daniel W. Church-state relationships in education in Illinois. (Educational research monographs, v 19, no 1) Catholic univ. of Am. press '55 p234-47
- Zabel, Orville Herman. God and Caesar in Nebraska; a study of the legal relationship of church and state, 1854-1954. (Neb. Univ. Studies, new ser, no 14) Univ. of Neb. '55 p 187-90

See also

Public schools and religion

CHURCH architecture

- Architectural record (periodical). Religious buildings for today; ed. by John Knox Shear. Dodge '57 p 177-8 annot
- Bibliography of church architecture. Arch Rec 117:201-4 Je '55 annot
- Galassi Paluzzi, Carlo. Storia segreta dello stile dei gesuiti. Mondini '51 p 165-72
- Hamilton, John Arnott. Byzantine architecture and decoration; with a foreword by D. Talbot Rice. 2d ed Batsford '56 p281-94
- Mills, Edward David. Modern church. Praeger '56 p 187-9
- O'Connell, John Berthram. Church building and furnishing; the church's way; a study in liturgical law. (Liturgical studies, v2) Univ. of Notre Dame press '55 p255-7

See also

Architecture, Cistercian
Architecture, Gothic
Church decoration and ornament

Armenia

- Selverian, Harry. Bibliography of Armenian church architecture; ed. by William B. O'Neal. (Pub no 12) Am. assn. of architectural biblographers '58 p8-10

Brazil

- Bazin, Germain. L'architecture religieuse baroque au Brésil. Museu de arte '56-'58 2v v 1, p351-61; v2, incl bibliog

Germany

- Hempel, Eberhard. Gaetano Chiaveri, der architekt der katholischen hofkirche zu Dresden; mit bautechnischen und zeichnerischen beiträgen von Walter Krönert. (Dresdner beiträge zur kunstgeschichte, v 1) Jess '55 p260-1

Italy

- Centro di studio e informazione per l'architettura sacra, Bologna. Dieci anni di architettura sacra in Italia, 1945-1955; comitato di redazione: Luciano Gherardi [et al] Edizione dell'Ufficio tecnico organizzativo arcivescovile '56 p456-9
- Ceschi, Carlo. Architettura romanica genovese. Alfieri '54 incl bibliog

CHURCH archives. See Archives**CHURCH calendar**

- Dunkle, William Frederick. Values in the church year for evangelical Protestantism. Abingdon '59 p 132-9 annot
- Horn, Edward Traill. Christian year. Muhlenberg press '57 p225-7

CHURCH decoration and ornament

- Hamilton, John Arnott. Byzantine architecture and decoration; with a foreword by D. Talbot Rice. 2d ed Batsford '56 p281-94

CHURCH entertainments

- Clemens, Frances, and others, eds. Recreation and the local church. Brethren pub. '56 incl bibliog

CHURCH history

- Baker, Robert Andrew. Summary of Christian history. Broadman '59 incl bibliog
- Bibliographie. See numbers of Revue d'histoire ecclésiastique
- Bihlmeyer, Karl. Church history; v 1, Christian antiquity; rev. by Dr. Herman Tüchle; tr. from the 13th German ed. by Victor E. Mills. Newman press '58 incl bibliog

- Dissertation abstracts. See numbers of Church history

- Duval, A. and Walty, N. Bulletin d'histoire des institutions chrétiennes. R Sci & Théol 41:301-69 Ap '57

- Hudson, Winthrop Still. Story of the Christian church. Harper '58 incl bibliog

- Hutchinson, Paul, and Garrison, Winfred E. 20 centuries of Christianity; a concise history. Harcourt '59 p295-8

- Latourette, Kenneth Scott. Christianity in a revolutionary age; a history of Christianity in the 19th and 20th centuries. Harper '58-'59 2v v 1, p469-86; v2, p495-512

- MacGregor, Geddes. Corpus Christi; the nature of the church according to the reformed tradition. Westminster press '59 p277-91

- Nichols, James Hastings. History of Christianity, 1650-1950; secularization of the West. Ronald '56 p461-79

- Norwood, Frederick Abbot. Development of modern Christianity since 1500. Abingdon '56 incl bibliog

- Renwick, A. M. Story of the church. Eerdmans '58 p213-15

- Schmidt, W. A. Recent research in ecclesiastical history in Finland. J Ecclesiast Hist 7 no2:226-37 '56

- Smith, W. M. Some recently published (1950-1952) bibliographies in books of biblical interpretation, theology, and church history. Fuller Lib Bul no 17-18:3-13 Ja '53

- Walker, Williston. History of the Christian church; rev. by Cyril C. Richardson [and others] Scribner '59 p549-68

- Zeitschriftenschau. See numbers of Zeitschrift für kirchengeschichte

See also

Church and state
Martyrs
Missions
Monasticism
Papacy
Protestant churches
Protestantism
Reformation
Sects

CHURCH history—*Continued*

Primitive and early church

- Bultmann, Rudolf Karl. *Primitive Christianity in its contemporary setting*; tr. by R. H. Fuller. (Living age bks) Meridian bks. '56 incl bibliog
- Caird, George Bradford. *Apostolic age*. (Studies in theology) Duckworth '55 p215-17
- Carrington, Philip. *Early Christian church*. Cambridge '57 2v v 1, p502-6; v2, p490-2
- Danielou, J. *Bulletin d'histoire des origines chrétiennes*. *Rech Sci Rel* 47:63-124 Ja '59
- Davies, Arthur Powell. *First Christian: a study of St Paul and Christian origins*. Farrar '58 p253-68 annot
- Grant, R. M. *Survey of recent literature: early church history*. *Church Hist* 28:84-7 Mr '59
- Hegelbacher, Othmar. *Die christliche taufe als rechtsakt nach dem zeugnis der frühen Christenheit*. (Paradosis; beiträge zur geschichte der altchristlichen literatur und theologie, 8) Universitätsverlag '53 p v-ix
- Metzger, Bruce Manning. *Supplement to Index of articles on the New Testament and the early church published in festschriften. Soc. of biblical literature* '55 20p
- Schneider, Carl. *Geistesgeschichte des antiken christentums*. Beck '54 2v v2, p335-57
- Theron, Daniel Johannes, ed. *Evidence of tradition; sel. source material for the study of the history of the early church, introd. and canon of the New Testament*. Bowes & Bowes '57 incl bibliog
- See also*
- Apostolic fathers
- Fathers of the church
- Gnosticism
- Persecution—Early church

Middle ages

- Daniel-Rops, Henry. *Church in the dark ages*; tr. from the French by Audrey Butler. Dutton '59 p609-11
- Petry, R. C. *Medieval church history*. *Church Hist* 26:169-73 Je '57 annot
- Schnürer, Gustav. *Church and culture in the Middle ages*; v 1, 350-814; tr. by George J. Undreiner. *St Anthony guild* '56 p547-74
- See also*
- Albigenses
- Crusades
- Inquisition
- Waldenses

17th century

- See also*
- Puritans

Modern period

- See also*
- Counter-Reformation
- CHURCH law. *See* Ecclesiastical law
- CHURCH music
- Heaton, Charles Huddleston. *How to build a church choir*. Bethany press '53 p61-3
- Ingram, Madeline D. *Organizing and directing children's choirs*. Abingdon '59 p 153-6
- Liemohn, Edwin. *Singing church*. Wartburg press '59 p 113-17
- Morsch, Vivian Sharp. *Use of music in Christian education*. Westminster press '56 p 165-71
- See also*
- Hymns
- History and criticism
- Huot-Pleuroux, Paul. *Histoire de la musique religieuse des origines à nos jours*; préf. de Norbert Dufourcq. Presses univ. de France '57 p361-6
- CHURCH of Christ (disciples) *See* Disciples of Christ
- CHURCH of England
- Bicknell, Edward John. *Theological introduction to the Thirty-nine articles of the Church of England*; 3d ed. rev. by H. J. Carpenter. Longmans '55 p447-57 annot
- Every, George. *High Church party, 1688-1718*. S.P.C.K. '56 p 182-90
- Pocknee, Cyril Edward. *French diocesan hymns and their melodies*. Morehouse '54 incl bibliog
- Woodhouse, Hugh Frederic. *Doctrine of the church in Anglican theology, 1547-1603*. S.P.C.K. '54 p208-19
- See also*
- Dissenters

Book of common prayer

- Page, James Rathwell. *Descriptive catalogue of the Book of common prayer and related material in the collection of James R. Page*. The author '55 67p

History

- Brose, Olive J. *Church and parliament; the reshaping of the Church of England, 1828-1860*. Stanford univ. press '59 p221-33
- Thompson, Craig Ringwalt. *English church in the sixteenth century*. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-18 annot
- CHURCH of England in South Africa
- Ledward, Sally Ann. *Constitutional development of the Church of the Province of South Africa, 1848-1936*; bibliography. (Bibliog. ser) School of librarianship, Univ. of Cape Town '57 28p
- CHURCH of Scotland
- See also*
- Presbyterian church
- CHURCH of South India

History

- Protestant Episcopal church in the U.S.A. Joint commission on ecumenical relations. *Empty shoes; a study of the Church of south India*. Nat. council '56 p 147-53
- CHURCH of the brethren
- Miller, John Ezra. *Story of our church*. rev & enl ed Brethren pub. '57 p 192-4
- CHURCH of the Province of South Africa. *See* Church of England in South Africa
- CHURCH plate
- Oman, Charles Chichele. *English church plate, 597-1830*. Oxford '57 p291-7
- CHURCH schools
- Dillard, Pauline (Hargis). *Church kindergarten*. Broadman '58 incl bibliog
- CHURCH unity
- Bartle, Robert Hedley. *Church unity*. (Special subject lists, no 13) Lib. assn. '56 8p
- Hunt, George Laird. *Guide to Christian unity*. Bethany press '58 p93-6
- Mascall, Eric Lionel. *Recovery of unity; a theological approach*. Longmans '58 p234-8
- Wilburn, Ralph Glenn. *Prophetic voice in Protestant Christianity*. (Bethany historical ser) Christian bd. '56 p281-8
- See also*
- Church of South India
- Ecumenical movement
- CHURCH vestments
- Sutfin, E. J. *Chasuble in the Roman rite*. Liturg Arts 24:99-104 Ag '56 annot
- CHURCH work
- Guffin, Gilbert Lee. *Pastor and church; a manual for pastoral leadership*; foreword by Davis C. Woolley. Broadman '55 p 153-4
- Hoh, Paul Jacob. *Parish practice; a manual of church administration*. rev ed Muhlenberg press '56 p239-42
- Kloetzli, Walter, and Hillman, Arthur. *Urban church planning; the church discovers its community*. Muhlenberg press '53 p 177-82
- Leach, William Herman. *Handbook of church management*. Prentice-Hall '58 incl bibliog
- See also*
- Evangelistic work
- Missions
- Psychology, Pastoral
- Revivals
- Theology, Pastoral
- CHURCH work with children
- National council of the churches of Christ in the United States of America. *Children's work associated section*. Books for children, for leaders. The council '56 31p annot
- CHURCH work with the sick
- Church of England. *Hospital chaplains' fellowship*. Priest's work in hospital: a handbk. for hospital chaplains and others of the clergy who visit hospitals; ed. by J. Gordon Cox. Macmillan '55 p 189-92
- CHURCH work with youth
- Catholic church. Pope. *Popes on youth; principles for forming and guiding youth from Popes Leo XIII to Pius XII*. comp. and ed. by Raymond B. Fullam. McKay '55 p397-409 annot
- Cummings, Oliver DeWolf. *Youth fellowship; a vital church program for youth*. (Cooperative ser, leadership training texts) Judson press '56 p 188-92

CHURCHES

Belgium

See also
Beauraing, Belgium-Notre Dame de (shrine)

France

Héliot, Pierre M. L. Les églises du moyen âge dans le Pas-de-Calais. (Mémoires, v7, no 1) Comm. départementale des monuments historiques du Pas-de-Calais '51 p 11-28

See also
Saint Riquier, France (church)

Germany

See also
Essen, Germany—Cathedral
Telgte, Germany—Unsere liebe Frau (shrine)

CHURCHILL, Sir Winston Leonard Spencer, 1874-

Farmer, Bernard James. Bibliography of the work of Sir Winston S. Churchill. The author '58 62p

Higgins, Trumbull. Winston Churchill and the second front, 1940-1943. Oxford '57 p254-73

Robertson, John Henry. Winston Churchill, by John Connel [pseud] (Bibliog. ser. of sups. to British bk. news, no80) Longmans '56 p41-3

Wibberley, Leonard. Life of Winston Churchill. (Ariel bks) Farrar, Straus '56 p213-14 annot

CHURCHYARDS. *See* Cemeteries

CHYLOMICRONS. *See* Fat

CHYTRIDIUM

Koch, W. J. Studies of the motile cells of chytrids. *Am J Bot* 43:818-19; 45:71-2 D '56, Ja '58

CHYZHEVSKYI, Dmytro, 1894-

Chyzhevs'kyi, Dmytro. Bibliography of the publications of Dr. Dmitry Čiževskij in the fields of literature, language, philosophy and culture. Cambridge '52 15p

CIARDI, John, 1916-

White, William. John Ciardi, a bibliography; with a note by John Ciardi. Wayne state univ. press '59 65p

CICADELLIDAE. *See* Leafhoppers

Ei CID Campeador

Alvarez Alvarez, Jesús. Proyecto de una bibliografía cidiana. Ediciones Abadía de Cardena '52 22p

Villela de Chasca, Edmund. Estructura y forma en El poema mio Cid (hacia una explicación de la imitación poética de la historia de la epopeya castellana). (Iowa. Univ. Studies in Spanish language & literature, 9) Univ. of Iowa press '55 p 134-46

CIENFUEGOS, Cuba

Havana. Biblioteca nacional. El libro en Cienfuegos; catálogo de las obras relacionadas con Cienfuegos que se exhiben en la Biblioteca nacional como homenaje al libro cubano, por Lilia Castro de Morales con la colaboración del Ateneo de Cienfuegos. The library '54 80p

CIEZA DE LÉON, Pedro de, 1518-1560

Cieza de León, Pedro de. Incas; tr. by Harriet de Onis; ed. with an introd. by Victor Wolfgang von Hagen. (Civilization of the Am. Indian ser, v53) Univ. of Okla. press '59 p377-81

CILIA and ciliary motion

See also
Flagella

CILIATA

Lubinsky, G. Studies on the evolution of the ophryoscolecidae (ciliata; oligotricha) *Can J Zool* 35:132-3, 140, 159 F '57

Stout, J. D. Reaction of ciliates to environmental factors. *Ecology* 37:189-91 Ja '56

CINEMA. *See* Moving pictures

CINEMATOGRAPHY. *See* Moving picture photography

CINQUEFOIL

Dansereau, P. Studies in potentillae of high latitudes and altitudes. *Roy Soc Can Trans* 49 sec5:22-3 Je '55

CIRCASSIA

Traho, R. Literature on Circassia and the Circassians. *Caucasian R* no 1:145-62 '55

CIRCLE

Veen, Simon Cornelius van. Passermeetkunde, de constructies van Mascheroni. (Noorduijn's wetenschappelijke reeks, 37) Noorduijn '51 p 170-1

CIRCUIT breakers, Electric. *See* Electric circuit breakers

CIRCUITS, Electric. *See* Electric circuits

CIRCULATION, Pulmonary. *See* Pulmonary circulation

CIRCULATORY system. *See* Vascular system

CIRCUS

Cervellati, Alessandro. Storia del circo. Poligrafici il Resto del Carlino '56 incl bibliog

Chindahl, George Leonard. History of the circus in America. *Caxton ptrs*, '59 p272-9

Toole Stott, Raymond. Circuses and allied arts; a world bibliog. based mainly on circus literature in the British museum, the Lib. of Congress, the Bibliothèque nat. and on his own collection; with a foreword by M. Willson Disher. Harpur & sons '58 185p

CIRRIPIEDIA. *See* Barnacles

CISTERCIANS

See also

Port-Royal des Champs (Cistercian abbey)

CISTERCIANS in Spain

Martin, E. Los bernardos españoles; historia de la Congregación de Castilla de la Orden del Cister. The author '53 p9-10

CITIES and towns

Bergel, Egon Ernest. Urban sociology. (McGraw-Hill ser. in sociology and anthropology) McGraw '55 p525-46 annot

Cole, William E. Urban society; a college textbk. in urban sociology. Houghton '58 incl bibliog

Gist, Noel Pitts, and Halbert, Leroy Allen. Urban society. 4th ed Crowell '56 incl bibliog

Hatt, Paul Kitchener, and Reiss, Albert J. eds. Cities and society; the rev. Reader in urban sociology. Free press '57 p827-52

New York (city). Public library. Municipal reference library. Municipal reference library notes. The library. *See* numbers

Robson, William Alexander, ed. Great cities of the world; their gov. politics and planning. Macmillan '55 p643-58

—Same. new ed Macmillan '57 p755-72

Weber, Max. City; tr. and ed. by Don Martindale and Gertrud Neuwirth. Free press '58 p231-2

See also

Metropolitan districts

Parks

Urbanization

Villages

Annexation

California, University. Bureau of public administration. Annexation? Incorporation? a guide for community action, prepared by Stanley Scott. 2d ed rev The bureau '54 p 153-7

Defenses

See also

Civilian defense

Planning

See City planning

Austria

Paschinger, Herbert. Entwicklung und wesen der hauptstädte der österreichischen bundesländer. Wagner '54 incl bibliog

Belgium

Wachter, Leo de. Répertoire van de Vlaamse gouwen en gemeenten; heemkundige dokumentatie, 1940-1950. De Sikkel '53-'57 2v

Brazil

Azevedo, A. de. Embrósias de cidades brasileiras. *Bol Paulista Geog* no25:64-9 Mr '57

Canada

Canada. Department of mines and technical surveys. Geographical branch. Canadian urban geography. rev ed (Bibliog. ser, no 13) The department '57 100p annot

Colorado

Eberhart, Perry. Guide to the Colorado ghost towns and mining camps. Sage '59 p469-70

Europe

Mols, Roger. Introduction à la démographie historique des villes d'Europe du XIV^e au XVIII^e siècle. (Louvain. Univ. catholique. Recueil de travaux d'histoire et de philologie, ser4, v 1-3) Duculot '54-'56 3v v3, p ix-lxix

CITIES and towns—*Continued*

Great Britain

Chaloner, W. H. Writings on British urban history, 1934-1957 covering the period 1700 to the present. Vierteljahr Sozial- & Wirtschaftsgesch 45:76-87 Mr '58

Latin America

Wilhelmy, Herbert. Südamerika im Spiegel seiner Städte. (Hamburger romanistische Studien. B. Ibero-amerikanische Reihe, v23) De Gruyter '52 p431-41

Mexico

Megee, Mary Catherine. Monterrey, Mexico: internal patterns and external relations. (Research paper, no59) Dept. of geography, Univ. of Chicago '58 p111-18

Netherlands

Nijhoff, Wouter. Bibliographie van Noord-Nederlandse plaatsbeschrijvingen tot het einde der 18de eeuw; 2. druk bewerkt en aangevuld door F. W. D. C. A. van Hat-tum. (Bijdragen tot eene Nederlandsche bibliog) Nijhoff '53 125p

Ontario

Spelt, J. Urban development in south-central Ontario. (Sociaal geografische studies, no2; Utrecht. Rijksuniv. Geographisch inst. Pub. no A 12) Van Gorcum '55 p227-38

Texas

Weber, Dickinson. Comparison of two oil city business centers (Odessa-Midland, Texas) (Research paper, no60) Dept. of geography, Univ. of Chicago '58 p234-9

United States

Bridenbaugh, Carl. Cities in revolt; urban life in Am, 1743-1776. Knopf '55 p427-33 annot
Daland, R. T. Political science and the study of urbanism. Am Pol Sci R 51:491-509 Je '57
Mercer, Blaine E. American community. Random house '56 incl bibliog annot
Municipal and civil publications. See numbers of American city
Sullenger, Thomas Earl. Sociology of urbanization; a study in urban society. Braun-Brumfield '56 p241-69
Tunnard, Christopher, and Reed, Henry Hope. American skyline; the growth and form of our cities and towns. Houghton '55 p289-92
Vigman, Fred K. Crisis of the cities. Public affairs press '55 p147-51

CITIES and towns, Ruined, extinct, etc.

Cottrell, Leonard. Lost cities. Rinehart '57 p237-41
Eberhart, Perry. Guide to the Colorado ghost towns and mining camps. Sage '59 p469-70
Willey, Gordon Randolph, ed. Prehistoric settlement patterns in the New World. (Viking foundation pubs. in anthropology, no23) Wenner-Gren foundation for anthropological research '57 p183-202

CITIZENSHIP, Education for

New York (city). Public library. Easy reading for adults; 300 titles helpful to living in America, chosen by a workshop group of the library. The library '54 62p

Olomouc, Moravia. Palackého universita. Knihovna. RSS [i. e. Rok stranického školení] 1954-1955; soupis literatury k základem kursům politického školení, kroužkům pro studium otázek národního hospodářství, kroužkům pro studium dějin KSSS. The library '55? 29p

Painter, Fred B. and Bixler, Harold Hench. Citizenship in action. (Scribner social studies bks. for high school) Scribner '58 incl bibliog annot

United Nations educational, scientific and cultural organization. Education clearing house. Some studies in education of immigrants for citizenship: Australia, Brazil, Canada, Israel. (Educational studies and docs, no 16) UNESCO '55 p43-5

See also

Americanization

CITRUS fruits

Bain, J. M. Morphological, anatomical, and physiological changes in the developing fruit of the Valencia orange, citrus sinensis (L.) Osbeck. Australian J Bot 6:22-3 Ap '58

Bhattacharya, S. C. and Dutta, S. Classification of citrus fruits of Assam. (Scientific monograph no 20) Indian council of agricultural research '56 p101-4

Embleton, T. W. and others. Influence of applications of dolomite, potash, and phosphate on quality, grade, and composition of Valencia orange fruit. Am Soc Hort Sci Proc 67:199-201 '56

Miller, E. V. Physiology of citrus fruits in storage. Bot R 24:57-9 Ja '58

Mission Agrumes. Agrumes et fruits subtropicaux aux U.S.A.; séli. et culture; compte rendu de la mission organisée par l'Association française pour le développement de la productivité, 29 oct. 1950-3 jan. 1951 [par] L. Blanc [et al] Soc. d'éds. techniques coloniales '52 p184-9

United States. Agricultural research service. Chemistry and technology of citrus, citrus products, and byproducts. (Agriculture handbk. no98) U.S. Gov. ptg. office '56 p81-96

Wenzel, F. W. and Moore, E. L. Characteristics of concentrates made from different varieties of citrus fruits. Food Tech 9:295-6 Je '55

See also

Grapefruit
Oranges

By-products

Kesterson, J. W. and Hendrickson, R. Utilization of citrus by-products. Econ Bot 12:183-5 Ap '58

United States. Agricultural research service. Chemistry and technology of citrus, citrus products, and byproducts. (Agriculture handbk. no98) U.S. Gov. ptg. office '56 p81-96

Diseases and pests

Griffiths, James Thompson, and Thompson, William Loudon. Insects and mites found on Florida citrus. (Bul. 591) Agricultural experiment station, Univ. of Fla. '57 p91-3
Malaguti, G. and Stoner, W. N. Psorosis de la cítricos en Venezuela. Agron Trop 4:149 O '54

CITY government. See Municipal government

CITY manager plan. See Municipal government —City manager plan

CITY planning

Abrahamson, Julia. Neighborhood finds itself. Harper '59 p358-60

American council to improve our neighborhoods. Urban renewal bibliography. The council '55 292, 22p

American institute of planners. California chapter. Southern section. Planning research committee. Local planning research; sel. sources of information for California. (Rep. for 1955-1956; Calif. Univ. Univ. at Los Angeles. Bur. of gov. research. Bibliog. pubs. no2) The committee '56 95p

Bacon, E. N. Urban renewal and the architect. Arch Rec 117:48+ My '55 annot

Bestor, George C. and Jones, Holway R. City planning: a basic bibliography; with special reference to civil engineering and land surveying. Calif. council of civil engineers & land surveyors '57 81p annot

Bogotá. Inter-American housing center. Library. Lista de nuevas adquisiciones. See numbers

Institut für raumforschung. Bibliographischer index, 1951 [-1953] The institute '51-'57 4v

Leary, Robert Michael. Model procedure for the administration of zoning regulations; a research study. Urban land inst. '58 p93-5

Marx, Herbert L. ed. Community planning. (Reference shelf, v28, no4) Wilson '56 p198-207

Michigan. State library. Michigan's exploding cities; a rep. on metropolitan area planning. (Mich. in bks. v1, no2) The library '58 p19-34 annot

Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p287-90; 1957, p291-5; 1958, p294-7; 1959, p309-13

National association of housing and redevelopment officials. Joint committee on housing and welfare. Working together for urban renewal; a guidebook, on why, when, and how social welfare agencies and urban renewal agencies should work together. (NAHRO pub. N 407) The committee '58 p27-9

CITY planning—Continued

- New York school of social work. Workshop on the stake of social work in urban renewal developments (incl. city and social planning, public and private housing) The school '57 p iv-xii annot
- Newark. Board of education. Department of libraries and audio-visual education. Urban redevelopment and renewal; a sel. bibliography. The department '56 16p annot
- Ontario. Department of planning and development. Planning bibliography. (Ontario planning, v3, no 1, sup) The department '56 4p
- Piacentini, Marcello, and Guidi, Francesco. Le vicende edilizie di Roma dal 1870 ad oggi. Fratelli Palombi '52 p 179-82
- Rauda, Wolfgang. Lebendige städtebauliche raumbildung; asymmetrie und rhythmus in der deutschen stadt. (Deutsche bauakademie. Schriften) Hoffmann '57 p405-7
- Smith, J. O. Urban renewal and the businessman. Bsns Lit 31:1-2 S '58 annot
- Southern regional education board. Urban research in the South; a survey of city planning oriented urban research undertaken by insts. of higher education in fourteen southern states, 1949-1954. The board '55 35p
- Stein, Clarence S. Toward new towns for America; with an introd. by Lewis Mumford. rev ed Reinhold '57 p249-53 annot
- Stockholm. Stadsplanekontoret. Generalplan för Stockholm 1952. The bureau '52 p23-5
- United States. Department of commerce. Office area development. Annotated bibliography on the reduction of urban vulnerability to nuclear attack; prepared by Special projects staff. The office '57 91p
- Urbanisme et architecture; études écrites et publiées en l'honneur de Pierre Lavedan. Laurens '54 incl bibliog
- Washington. Public library. Publications relating to urban renewal for the year ending November 1955[1958] prepared to sup. the Urban renewal bibliog. pub. by the Am. council to improve our neighborhoods, 1955. The library '56-'59 4v
- Weiss, Shirley F. Central business district in transition; methodological approaches to CBD analysis and forecasting future space requirements. (City and regional planning studies. Research paper no 1) Dept. of city & regional planning, Univ. of N.C. '57 p37-44
- Woodbury, Coleman, ed. Urban redevelopment: problems and practices, by Charles S. Ascher [and others] Univ. of Chicago press '53 incl bibliog
- See also*
- Housing
- Industrial districts
- Regional planning
- Slums
- CIUDAD REAL, Spain (province)**
- Ciudad Real, Spain (city). Biblioteca pública. Catálogo bibliográfico y de autores de la provincia de Ciudad Real. (Pubs) Inst. de estudios manchegos. Consejo superior de investigaciones científicas '56 76p
- CIVIC education.** *See* Citizenship, Education for
- CIVIL engineering**
- Kammer der technik. Beiträge aus der ingenieurmessung. Verlag Technik '58 p 132-63
- Schultz, John Russell, and Cleaves, Arthur Bailey. Geology in engineering; with a chapter on soil mechanics, by E. J. Yoder. Wiley '55 incl bibliog
- United States. Army. Corps of engineers. List of investigational reports and other publications of the Arctic construction and frost effects laboratory. New England div. Arctic construction & frost effects laboratory '54 iv
- See also*
- Arches
- Foundations
- Harbors
- Highway engineering
- Hydraulic engineering
- Irrigation
- Marine engineering
- Mechanical engineering
- Mining engineering
- Public works

Roads

Sanitary engineering

Steel, Structural

Surveying

Tunnels and tunneling

Water supply engineering

CIVIL liberty. *See* Liberty

CIVIL procedure

See also

Probate law and practice

Trial practice

CIVIL rights

American Jewish committee. Civil liberties and civil rights in the United States today; a sel. bibliography. rev ed The committee '56 36p annot

Caughey, John Walton. In clear and present danger; the crucial state of our freedoms. Univ. of Chicago press '58 p 193-202 annot

Chafee, Zechariah. Three human rights in the constitution of 1787. Univ. of Kan. press '56 p224-7 annot

Cushman, Robert Eugene. Civil liberties in the United States; a guide to current problems and experience. (Cornell studies in civil liberty) Cornell univ. press '56 incl bibliog annot

Day, Brigham. Le Canada et les droits de l'homme; le concept des droits de l'homme dans la politique étrangère et la constitution du Canada; préf. de J.-J. Chevallier. Recueil Sirey '53 p 151-2

Iliff, John G. Where to read up on racism and human rights. Northern Calif. branch, Am. civil liberties union '54 79p

Perry, Richard L. ed. Sources of our liberties; documentary origins of individual liberties in the U.S. constitution and Bill of rights; under the general supervision of John C. Cooper. Am. bar foundation '59 p41-5

Stouffer, Samuel Andrew. Communism, conformity, and civil liberties: a cross-section of the Nation speaks its mind. Doubleday '55 p274-8

United nations. Office of public information. United nations work for human rights. 2d ed The department '57 p31-5 annot

—Same; 3d ed The office '58 p35-9 annot

See also

Academic freedom

Freedom of association

Freedom of the press

Negroes in the United States—Civil rights

CIVIL service

Personnel literature; abstracts of current articles. *See* numbers of Public personnel review

Reviews of books and documents. *See* numbers of Public administration review

Germany

Morsey, Rudolf. Die oberste reichsverwaltung unter Bismarck, 1867-1890. (Neue münstersche beiträge zur geschichtsforschung, v3) Aschendorff '57 p325-35

Great Britain

Gladden, Edgar Norman. Civil service or bureaucracy? De Graff '56 p213-20 annot

Great Britain. British information services. Reference division. British civil service; a sel. bibliography. rev ed (ID 884) The services '57 8p

MacKenzie, William James Millar, and Grove, Jack William. Central administration in Britain. Longmans '57 incl bibliog

United States

Mosher, William Eugene, and others. Public personnel administration; 4th ed. by O. Glenn Stahl. Harper '56 p583-615 annot

Nigro, Felix A. Public personnel administration; with a foreword by Henry Reining. Holt '59 p425-44 annot

Stahl, Oscar Glenn. Public personnel administration; 4th ed. of the previous work by Mosher [and others] Harper '56 p583-615

United States. Civil service commission. Library. Bibliography of public personnel administration literature. The commission '49 iv

—Supplement no 1-8, 1949/50-1958. The commission '51-'58 8v

CIVILIAN defense

- Frigon, R. A. Bibliography on civil defence, with special reference to structural protection. (Bibliog. no2) Div. of building research, Nat. research council, Canada '51 12p
- Germann, A. C. Basic bibliography for industrial security and plant protection. School of police adm. & public safety, Mich. state univ. '57 21p
- Ikle, Fred C. and Kincaid, Harry V. Social aspects of wartime evacuation of American cities, with particular emphasis on long-term housing and reemployment. (Disaster study no4) Com. on disaster studies, Nat. research council '56 p97-100
- Index to federal civil defense administration publications. U.S. Federal civil defense adm. See numbers

National education association of the United States. Commission on safety education. Civil defense education thru elementary and secondary schools. The commission '57 p31-6

Sweden. Civilförsvarsstyrelsen. Förteckning över civilförsvarsstyrelsens publikationer, m.m. Föf. pub. '55 1v

United States. Department of commerce. Office of area development. Annotated bibliography on the reduction of urban vulnerability to nuclear attack; prepared by Special projects staff. The office '57 91p

United States. Federal civil defense administration. Annotated civil defense bibliography for teachers, rev ed (Handbk. H-3-1) U.S. Gov. ptg. office '56 90p annot

United States. Federal civil defense administration. Basic course for civil defense; instructor's guide. (U.S. civil defense) U.S. Gov. ptg. office '55 incl bibliog

United States. Federal civil defense administration. Civil defense against biological warfare; technical manual. (U.S. civil defense) U.S. Gov. ptg. office '53 incl bibliog

United States. Federal civil defense administration. Registration and information services; technical manual. (U.S. civil defense) U.S. Gov. ptg. office '54 p48-52

United States. Superintendent of documents. Atomic energy and civil defense. (Price list 84, 4th ed) U.S. Gov. ptg. office '59 20p

See also

Air defenses
World war, 1939-1945—Evacuation of civilians

CIVILIZATION

Dale, Tom, and Carter, Vernon Gill. Topsoil and civilization. Univ. of Okla. press '55 p255-8

See also

Acculturation
Anthropology
Archeology
Art
Culture
Education
Ethics
History
Inventions
Manners and customs
Religions
Renaissance
Social problems
Society, Primitive

History

Brinton, Clarence Crane, and others. History of civilization. (Prentice-Hall history ser) Prentice-Hall '55 2v incl bibliog

Brittain, Robert Edward. Rivers, man and myths; from fish spears to water mills. Doubleday '58 p274-6

Burns, Edward McNall. Western civilizations, their history and their culture. 4th ed Norton '54 p882-907

Critical bibliography of the history of science and its cultural influences, no81[-84] Isis 47:247-360; 48:189-280; 49:179-296; 50:289-407 S '56, Je '57, Je '58, S '59

Durant, William James. Story of civilization; pt 6, The reformation; a history of European civilization from Wyclif to Calvin: 1300-1564. Simon & Schuster '57 p941-52

Ferguson, Wallace Klippert, and Bruun, Geofrey. Survey of European civilization; pt 1, To 1660 by Wallace K. Ferguson. 3d ed Houghton '58 p v-xvi (at end)

- Johnson, Edgar Nathaniel. Introduction to the history of the western tradition. Ginn '59 2v v 1, p93-9; v2, p167-9 annot
- King, Charles Harold, and May, Arthur J. History of civilization; the story of our heritage. Scribner '56 2v incl bibliog
- Linton, Ralph. Tree of culture; pref. by Adelin Linton. Knopf '55 p675-92
- Lissner, Ivar. Living past; tr. from the German by J. Maxwell Brownjohn. Putnam '57 p429-44
- McCown, Chester Charlton. Man, morals, and history; today's legacy from ancient times and biblical peoples. Harper '58 p309-41
- Savelle, Max, ed. History of world civilization [by] Irwin Abrams [and others] Holt '57 2v incl bibliog annot
- Schneider, Carl. Geistesgeschichte des antiken Christentums. Beck '54 2v v2, p335-57
- Swain, Joseph Ward. Harper history of civilization. (Harper's historical ser) Harper '58 2v v 1, p317-24; v2, p771-8
- Vera, Francisco. Historia de la cultura científica; v 1, La ciencia antigua. Ediar '56 incl bibliog

Philosophy

- Kelly, Sir David. Hungry sheep. Newman press '56 p237-44
- Sorokin, Pitirim Aleksandrovich. Social & cultural dynamics; a study of change in major systems of art, truth, ethics, law and social relationships; rev. and abr. in one vol. by the author. Sargent '57 p705-11

See also

Philosophical anthropology

CIVILIZATION, Ancient

- Ferguson, Thomas Stuart. One fold and one shepherd. Bks. of Calif. '58 p389-94
- Westermann, William Linn. Slave systems of Greek and Roman antiquity. (Memoirs, v40) Am. philosophical soc. '55 p 163-73

CIVILIZATION, Assyro-Babylonian

Schmöckel, Hartmut, Ur. Assur und Babylon; drei Jahrtausende im zweistromland. (Grosse kulturen der frühzeit) Fretz & Wasmuth '55 p291-4

See also

Cuneiform inscriptions

CIVILIZATION, Greek

- Bonnard, André. Civilisation grecque d'Antigone à Socrate. Clairefontaine '57 p299-301
- Same; with title: Greek civilization; from the Antigone to Socrates; tr. by A. Lytton Sells. Macmillan '59 p241-3
- Bonnard, André. Greek civilization from the Iliad to the Parthenon; tr. by A. Lytton Sells. Macmillan '57 p 193-4

Thomson, George Derwent. Studies in ancient Greek society; v 1, The prehistoric Aegean. new ed Lawrence '54 p595-611

Thomson, George Derwent. Studies in ancient Greek society; v2, The first philosophers. Int. pubs. '55 p349-55

Winspear, Alban Dewes. Genesis of Plato's thought. Russell '56 p343-9

See also

Hellenism

CIVILIZATION, Jewish. See Jews—Civilization

CIVILIZATION, Medieval

Alexandre de Villedieu. Ecclesiale; ed. with introd. notes, and English tr. by L. R. Lind. Univ. of Kan. press '58 p 142-5

Artz, Frederick Binkerd. Mind of the middle ages, A.D. 200-1500; an historical survey. 3d ed rev Knopf '58 p503-66 annot

Bühler, Johannes. Die kultur des mittelalters. 6th ed (Kröners taschenausgabe, v79) Kröner '54 p339-46

Dubois, Pierre. Recovery of the Holy Land; tr. with an introd. and notes by Walther I. Brandt. (Records of civilization, sources and studies, no51) Columbia univ. press '56 p211-39 annot

Evans, Joan. Life in medieval France. rev ed Phaidon '57 p241-4

Gábel, Asztrik L. Student life in Ave Maria college, mediaeval Paris; history and chartulary of the college. (Notre Dame. Univ. Pubs. in mediaeval studies, 14) Univ. of Notre Dame press '55 p421-40

Laistner, Max Ludwig Wolfram. Thought and letters in western Europe, A.D. 500 to 900. rev ed Cornell univ. press '57 p398-402

Schnürer, Gustav. Church and culture in the Middle ages; v 1, 350-814; tr. by George J. Undreiner. St Anthony guild '56 p547-74

CIVILIZATION, Medieval—Continued

- Temko, Allan. Notre-Dame of Paris. Viking '55 p316-19
 Vittorini, Domenico. Age of Dante; a concise history of Italian culture in the years of the early renaissance. Syracuse univ. press '57 p 153-79

See also

- Art, Medieval
 Feudalism
 Monasticism
 Ordeal
 Science, Medieval

CIVILIZATION, Mohammedan

- Islamic art and archaeology, 1954. Heffer '56 38p
 Levy, Reuben. Social structure of Islam; being the 2d ed. of The sociology of Islam. Cambridge '57 p506-21
 London. University. School of Oriental and African studies. Library. Index islamicus. 1906-1955; a catalogue of articles on Islamic subjects in periodicals and other collective pubs; comp. by J. D. Pearson; with the assistance of Julia F. Ashton. W. Heffer '58 897p

CIVILIZATION, Mycenaean

- Cottrell, Leonard. Bull of Minos; introd. by Alan Wace. 2d ed Rinehart '58 p225-6
 Moon, Brenda Elizabeth. Mycenaean civilization; pubs. since 1935; a bibliography. (Bul. sups, no3) Inst. of classical studies, London univ. '57 77p
 Vermeule, E. T. [Review of] Moon, Brenda Elizabeth. Mycenaean civilization; pubs. since 1935. Am J Archaeol 62:442-3 O '58

CIVILIZATION, Occidental

- Horton, Rod William, and Hopper, Vincent Foster. Backgrounds of European literature; the political, social, and intellectual development behind the great bks. of Western civilization. (Appleton handbks. of literature) Appleton '54 incl bibliog
 Parkes, Henry Bamford. Gods and men; the origins of western culture. Knopf '59 p480-9 annot
 Western civilization. 2d ed Van Nostrand '58 2v incl bibliog

CIVILIZATION, Oriental

- Association of British orientlists. Select list of books on the civilization of the Orient; ed. by W. A. C. H. Dobson with an introd. by A. J. Arberry. Oxford '55 76p annot
 Wittfogel, Karl August. Oriental despotism; a comparative study of total power. Yale univ. press '57 p491-529

CIVILIZATION, Primitive. See Culture, Primitive**CIVILIZATION, Semitic**

- Moscati, Sabatino. Ancient Semitic civilizations. Putnam '5-? p239-44
 —Same; with title: Le antiche civiltà semitiche. Editori Laterza '58 p339-49

CLAIRAUT, Alexis Claude, 1713-1765

- Brunet, Pierre. La vie et l'œuvre de Clairaut (1713-1765) préf. de René Taton. Presses universitaires de France '52 p 109-11

CLANDESTINE literature (World war, 1939-1945) See World war, 1939-1945—Underground literature**CLARA, Antonio María y Claret, Saint. See Claret y Clara, A. M.****CLARET Y CLARA, Antonio María, Saint, 1807-1870**

- Griera y Gaja, Antonio. San Antonio María Claret. [Bibliography by P. Claret.] (Galería de catalanes ilustres. Biografías, v6) Ayuntamiento de Barcelona '54 p 161-7

CLARK, George Rogers, 1752-1818

- Jillson, Willard Rouse. Bibliography of George Rogers Clark, general commanding the Virginia military forces in Kentucky and the Old Northwest territory during the American revolution. Perry pub. co. '58 43p

CLARK, Walter Van Tilburg, 1909-

- Kuehl, J. R. Walter Van Tilburg Clark: a bibliography. Bul Bibliog 22:18-20 S '56

CLARKIA

- Lewis, Harlan, and Lewis, Margaret Ruth (Ensign). Genus clarkia. (Calif. Univ. Pubs. in botany, v20, no4) Univ. of Calif. press '55 p371-3

Lewis, H. and Raven, P. H. Rapid evolution in clarkia. Evolution 12:335-6 S '58**CLASS conflict**

- Dahrendorf, Ralf. Soziale klassen und klassenkonflikt in der industriellen gesellschaft. (Soziologische gegenwartsfragen, neue folge) Enke '57 p262-7
 —Same; with title: Class and class conflict in industrial society. rev English ed Stanford univ. press '59 p319-28

- Prague. Státní knihovna společenských věd. Třída a třídní boj; bibliografická pomůcka ke spisům K. Marxe, B. Engelse a V. I. Lenina. (Na pomoc propagandistům a studujícím marxismus-leninismus) Rudé právo '57 46p

CLASS distinction

- Bouriez-Gregg, Françoise. Les classes sociales aux États-Unis. (Paris. École pratique des hautes études. Centre d'études économiques. Études et mémoires, 15) A. Colin '54 p223-8
 Cox, Oliver Cromwell. Caste, class & race; a study in social dynamics; introd. by Joseph S. Roucek. Monthly review press '59 p587-600
 Edmonson, Munro S. Status terminology and the social structure of North American Indians. (Am ethnological soc. Pubs) Univ. of Wash. press '58 p81-4
 Gordon, Milton Myron. Social class in American sociology. (Sociological ser) Duke univ. press '58 p257-72
 Kirsch, Arthur D. Social distance in voting behavior related to N variables. (Studies in higher education, 86; Further studies in attitudes ser, 24) Div. of educational reference, Purdue univ. '57 p38-42
 Mack, Raymond W. and others. Social mobility; thirty years of research and theory; an annot. bibliography. Syracuse univ. press '57 31p
 Tryon, Robert Choate. Identification of social areas by cluster analysis; a general method with application to the San Francisco Bay area. (Calif. Univ. Pubs. in psychology, v8, no 1) Univ. of Calif. press '55 p98-9

See also**Caste****CLASS size**

- Otto, Henry John, and others. Class size factors in elementary schools. (Pub. no4) Bureau of laboratory schools, Univ. of Tex. '54 incl bibliog
 Ross, Donald H. and McKenna, Bernard. Class size: the multi-million dollar question. (Columbia univ. Teachers college. Inst. of adm. research. Study no 11) Metropolitan school study council '55 p23-4
 Wilkinson, F. R. Class size in higher education. J Higher Educ 29:154-7 Mr '58

CLASS struggle. See Class conflict**CLASSES, Size of. See Class size****CLASSICAL antiquities**

- Anzeiger für die altertumswissenschaft. Österreichische humanistische gesellschaft. See numbers
 Archéologie. See numbers of Antiquité classique
 Bibliography. See numbers of Antiquaries journal
 Borroni, Fabia. Il Cicognara, bibliografia dell'archeologica classica e dell'arte italiana. (Biblioteca bibliog. italica 6, 7, 10) Sansoni '54-'57 3v
 Comptes rendus. See numbers of Antiquité classique
 Ernst, J. A travers les revues d'études classiques. Inf Litt 11:36-8 Ja '59 annot
 Fasti archaeologici; annual bulletin of classical archaeology, 1946[1956] (V 1-11) Sansoni '48-'58 11v
 Köpstein, Helga. Altertumskundliche publikationen, erschienen in der Deutschen Demokratischen Republik, 1945-1955. (Akad. der wissenschaften. Berlin. Sektion für altertumswissenschaft. Schriften, no 11) Akad.-verlag '57 134p
 Lustrum; int. forschungsberichte aus dem bereich des klassischen altertums. Vandenhoeck & Ruprecht. See numbers
 Periodical literature. See numbers of Antiquaries journal

See also

- Pottery, Gallo-Roman
 Pottery, Roman

CLASSICAL literature

- Nairn, John Arbutnot. Classical handlist; ed. by B. H. Blackwell Ltd. 3d ed rev & enl Oxford '53 164p
 Platnauer, Maurice, ed. Fifty years of classical scholarship. Blackwell '54 incl bibliog
 Sociedad española de estudios clásicos. Bibliografía de los estudios clásicos en España 1939-1955; redactada por un grupo de estudiosos y publicada con motivo del Primer congreso español de estudios clásicos. (Pubs, 1) The society '56 453p

See also

- Greek literature
 Latin literature

CLASSICAL philology

- L'Année philologique; bibliog. critique et analytique de l'antiquité gréco-latine; bibliog. de l'année 1950 1-1957 et complément d'années antérieures. (V21-28) (Coll. de bibliog. classique) Soc. d'éditions Les Belles lettres '52-'58 8v
- Bibliotheca classica orientalis. Dokumentation der altertumswissenschaftlichen literatur der Sowjetunion und der länder der Volksdemokratie. Inst. für griechisch-römische altertumskunde, Deutsche akad. der wissenschaften. See numbers
- Köpstein, Helga. Altertumskundliche publikationen erschienen in der Deutschen Demokratischen Republik, 1945-1955. (Akad. der wissenschaften, Berlin. Sektion für altertumswissenschaft. Schriften, 11) Akad.-verlag '57 194p
- Kumaniecki, K. Zehn jahre klassische philologie in Volkspolen. Altetum 1 no4:246-55 '55
- Lustrum; int. forschungsberichte aus dem bereich des klassischen altertums. Vandenhoeck & Ruprecht. See numbers
- McGuire, Martin Rawson Patrick. Introduction to classical scholarship; a syllabus and bibliog. guide. The author '55 201, 76p
- Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklore. Habelt. See numbers
- Moravcsik, G. Dix années de philologie classique hongroise, 1945-1954. Acta Antiq Acad Scient Hung 3:203-6 '55
- Sociedad española de estudios clásicos. Bibliografía de los estudios clásicos en España, 1939-1955; redactada por un grupo de estudiosos y publicada con motivo del Primer congreso español de estudios clásicos. (Pubs, 1) The society '56 453p
- Summaries of dissertations for the degree of Ph.D. (In Harvard studies in classical philology. v62-63. Harvard univ. press '57-'58 2v v62, p 141-62; v63, p507-28)
- Summaries of periodicals. See numbers of Classical review
- See also
- Greek language
- Latin language

CLASSICISM

- Peyre, Henri. ¿Qué es el clasicismo? tr. de Julián Calvo. (Breviarios, 73) Fondo de cultura económica '53 p266-96

CLASSIFICATION

- Bibliography of papers on classification and allied subjects. J Doc 12:227-30 D '56
- Sayers, William Charles Berwick. Manual of classification for librarians and bibliographers. 3d ed rev Grafton '55 p320-40
- Special libraries association. SLA loan collection of classification schemes and subject heading lists on deposit at Western Reserve university as of November 1, 1958; comp. by Bertha R. Barden and Barbara Denison. 4th ed The association '59 51p
- United States. Research and development board. Research and development project classification systems; bibliography. The board '51 10p

Books

- Avanzi, G. Gli scritti sulla catalogazione e classificazione speciale e specializzata; saggio bibliografico internazionale, 1921-1955. (In Miscellanea di scritti vari in memoria di Alfonso Gallo. Olschki '56 p87-186)

Law

- Benyon, E. V. Classification of law books [Bibliog. by R. R. Supt] Law Lib J 50:563-7 D '57
- Supt, Ray R. Law classification bibliography. Law lib, Univ. of Chicago '57 16p

Medicine

- Bloomquist, H. Cataloging and classification of medical library materials: 1946-1956; ten years of progress and problems. Med Lib Assn Bul 47:45-7, 161-4 Ja-Apr '59

Students

- See Ability grouping in education

CLASSIFICATION (statistics)

- Goodman, L. A. and Kruskal, W. H. Measures of association for cross classifications. Am Stat Assn J 54:156-63 Mr '59

CLASSROOM libraries. See School libraries**CLAUDEL, Paul, 1868-1955**

- Babilas. Wolfgang. Das Frankreichbild in Paul Claudels Personnalité de la France. (Forschungen zur romanischen philologie. no4) Aschenordt '55 p 104-8
- Fowle, Wallace. Paul Claudel. (Studies in modern European literature and thought) Hillary house '57 p 109-11
- Hoorn, Herman Jan Willem van. Poésie et mystique: Paul Claudel, poète chrétien. Droz '57 p 155-9
- Madaule, Jacques. Paul Claudel, dramaturge. (Les grands dramaturges, 15) L'Arche '56 p 152-3

CLAUSEWITZ, Karl von, 1780-1831

- Hahlweg, Werner. Carl von Clausewitz: soldat, politiker, denker. (Persönlichkeit und geschichte. v3) Musterschmidt-verlag '57 p 109-11

CLAY, Henry, 1777-1852

- Eaton, Clement. Henry Clay and the art of American politics. (Lib. of Am. biography) Little '57 p 199-202 annot

CLAY family

- Nuermberger, Ruth Anna (Ketring). Clays of Alabama; a planter-lawyer-politician family. Univ. of Ky. press '58 p325-34 annot

CLAY

- Carroll, D. Role of clay minerals in the transportation of iron. Geochimica & Cosmochimica Acta 14:26-8 Ag '58
- Chang, Y. New investigations on the thermal reactions of gibbsite. Scientia Sinica 6:539-41 Je '57
- Fieldes, M. Clay mineralogy of New Zealand soils. N Z J Sci & Tech secB 38:569-70 My '57
- Grim, R. E. Concept of diagenesis in argillaceous sediments. Am Assn Pet Geol Bul 42:253 F '58
- Keller, W. D. Clay minerals as influenced by environments of their formation. Am Assn Pet Geol Bul 40:2708-10 N '56
- Konta, Jiri. Jilové minerály Československa. Naki. Československé věd '57 p282-305
- Lambe, T. W. Structure of compacted clay. Am Soc Civil Eng 84 [SM2 no 1654]:32-4 My '58
- Pask, Joseph Adam, and Turner, Mort D. eds. Clays and clay technology; proceedings of the first Nat. conference on clays and clay technology. (Bul. 169) Calif. div. of mines '55 incl bibliog
- Powers, M. C. Adjustment of land derived clays to the marine environment. Ap Microbiol 27:372 D '57
- South Australia. Geological survey. Department of mines. Clays. (Abstract bul, no6) The department '56 9p annot
- Van der Marel, H. W. Quantitative differential thermal analyses of clay and other minerals. Am Min 41:240-4 Mr '56
- Weaver, C. E. Effects and geologic significance of potassium fixation by expandable clay minerals derived from muscovite, biotite, chlorite, and volcanic material. Am Min 43:859-61 S '58
- Weaver, C. E. Geologic interpretation of argillaceous sediments. Am Assn Pet Geol Bul 42:271, 308-9 F '58
- See also
- Loess

Testing

- Klinefelter, Theron Albert, and Hamlin, H. P. Syllabus of clay testing. (U.S. Bur. of mines. Bul. 565) U.S. Gov. ptg. office '57 p61-7

CLAY industries

- Abstracts from current literature. See numbers of Claycraft thru December 1957
- British ceramic abstracts. See numbers of British ceramic society. Transactions
- British ceramic society. Ceramics; a symposium arr. and ed. by A. T. Green and Gerald H. Stewart. The society '53 incl bibliog
- Kingery, W. D. ed. Ceramic fabrication processes. (Technology press bks. in science and engineering) Mass. inst. of technology '58 incl bibliog
- See also
- Bricks
- Pottery

CLEANING

- Edelstein, S. M. Campheen et le dégraisseur—the origins of drycleaning. Am Dyestuff Rep 46:8 Ja '57

CLEANING compositions

- American society for testing materials. Committee D-12 on soaps and other detergents. Bibliographical abstracts on redeposition of soil on cotton fabrics; prepared by Com. D-12, Subcom. T-5, Task. com. on redeposition methods. (Special technical pub. no 173) The society '56 30p
- Annual review of the literature on fats, oils, and detergents. *Am Oil Chem Soc J* 32: 255-71, 319-41; 33:203-18, 240-63; 34:222-39, 264-93; 35:208-25, 288-316 My-Je '55, My-Je '56, My-Je '57, My-Je '58
- Fats, oils, detergents; abstract service. Inter-science. See numbers thru 1958
- Gloyna, E. F. Detergents. *Pub Works* 86:136-7 Ja '55
- Harris, Jay C. Bibliographical abstracts of methods for analysis of synthetic detergents, 1933-1957. (Special technical pub. no 150-B) *Am. soc. for testing materials* '58 24p
- Harris, Jay C. and Bernstein, Rubin. Bibliographical abstracts of methods for analysis of synthetic detergents, 1888-1956. (Special technical pub. no 150-A) *Am. soc. for testing materials* '56 39p
- Henderson, C. and others. Toxicity of synthetic detergents and soaps to fish. *Sewage & Ind Wastes* 31:305-6 Mr '59
- McKinney, R. E. Syndets and waste disposal. *Sewage & Ind Wastes* 29:665-6 Je '57
- MacLaren, J. F. Detergent problem in sewage treatment. *Munic Util Mag* 94:32 D '58
- Sawyer, C. N. Effects of synthetic detergents on sewage treatment processes. *Sewage & Ind Wastes* 30:774-5 Je '58
- Stüpel, Helmut. Synthetische wasch- und reinigungsmittel; chemie, klassifikation, technologie, komposition, anwendung, untersuchungsmethoden und wirtschaftliche bedeutung. Konradin-verlag '54 p512-54
- Tall oil in synthetic detergents. *Tappi* 42:66A Je '59
- United States. Public health service. Division of sanitary engineering services. Bibliography, effects of detergents on sewage treatment. The division '55? 16p
- Weeks, Lloyd E. Bibliographical abstracts on evaluation of brightening agents for detergent usage. (Special technical pub. no 177) *Am. soc. for testing materials* '55 9p
- See also

Soap

CLEAVAGE, Cellular. See Cell division (biology)

CLEFT palate. See Palate, Cleft

CLEMENS, Samuel Langhorne (Mark Twain, pseud) 1835-1910

Asselineau, Roger. Literary reputation of Mark Twain from 1910 to 1950; a critical essay and a bibliography. *Didier* '54 p67-226

Clemens, Samuel Langhorne. Art, humor, and humanity of Mark Twain; ed. with commentary and notes, by Minnie M. Brashear and Robert M. Rodney; with an introd. by Edward Wagenknecht. Univ. of Okla. press '59 p411-17

Foner, Philip Sheldon. Mark Twain: social critic. *Int. pubs.* '58 p323-30

Long, Eugene Hudson. Mark Twain handbook. Hendriks house '58 incl bibliog

Mark Twain of the Enterprise; newspaper articles & other docs, 1862-1864; ed. by Henry Nash Smith with the assistance of Frederick Anderson. Univ. of Calif. press '57 p232-4

Marks, Barry Alan, ed. Mark Twain's Huckleberry Finn; with an introduction. (Problems in Am. civilization) Heath '59 p 107-8 annot

Bibliography

Scott, Arthur Lincoln. Mark Twain, sel. criticism. Southern Methodist univ. press '55 p286-9 annot

CLEMENT of Alexandria, ca 150-220

Osborn, E. F. Philosophy of Clement of Alexandria. (Texts and studies. Contributions to biblical and patristic literature, new ser, 3) Cambridge '57 p 195-9

Völker, Walther. Der wahre gnostiker nach Clemens Alexandrinus. (Texte und untersuchungen zur geschichte der alchristlichen literatur, v57 (ser5, v2)) Akademie-verlag '52 p ix-xix

CLEOPATRA, queen of Egypt, 69-30 B.C.

Franczese, Charles Marie. Life and times of Cleopatra. Philosophical lib. '57 p288-9

Volkman, Hans. Cleopatra; a study in politics and propaganda; tr. by T. J. Cadoux. Sagamore press '58 p220-31 annot

CLERGY

Nichols, James Albert. Religion. (Vocational and professional monographs, no 18) Bellman '55 p21-4

Survey of theological education in the United States and Canada. Ministry in historical perspectives; ed. by H. Richard Niebuhr and Daniel D. Williams. Harper '56 incl bibliog

See also

Catholic church—Clergy

Pastoral work

Priests

Theology, Pastoral

CLERGY in literature

Harkness, David J. Clergy in fiction and drama; a bibliography. (Tenn. Univ. News letter, v34, no6) Div. of univ. extension '55 8p

CLERICAL medicine. See Medicine, Pastoral

CLERICAL psychology. See Psychology, Pastoral

CLERICAL workers. See Office workers

CLERISSEAU, Charles Louis, 1722-1820

American association of architectural bibliographers. Charles-Louis Clérissseau; a bibliog. by Thomas J. McCormick. (Pub. no 11) The association '58 vp annot

CLERKS

International labor office. Library. Bibliography on non-manual workers. Bibliographie sur les travailleurs non-manuels. (Bibliog. contributions, no 18) The library '59 68p

—[Annex] Bibliography on conditions of work and employment of nurses. The library '59? 16p

CLIMATE. See Climatology

CLIMATOLOGY

Alisov, Boris Pavlovich. Die klimate der erde, ohne das gebiet der UdSSR [tr: Dorothea Plotter] Deutscher verlag der wissenschaften '54 p270-7

American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

Dordick, I. L. and Thuronyi, G. Selective annotated bibliography on climate of the forest. *Meteorol Abst & Bibliog* 8:515-39 Ap '57

Flohn, H. Zur frage der einteilung der klimazonen. *Erdkunde* 11:174-5 Ag '57

Geiger, Rudolf. Climate near the ground; a tr. by Milroy N. Stewart and others; pub. for Blue Hill meteorological observatory, Harvard university. 2d ptg rev Harvard univ. press '57 p415-72

Geografiska sällskapet i Finland, Helsingfors. Recent climatic fluctuation in Finland and its consequences; a symposium ed. by Ilmari Hustich. (Fennia, 75) The society '52 p 118-28

Knoch, Karl, and Schulze, Alfred. Methoden der klimaklassifikation. (Petermanns geographische mitteilungen. Sup no249) Perthes '52 p69-78

Lee, Douglas Harry Kedgwin. Climate and economic development in the tropics. Harper '57 p 177-82

Miller, David Hewitt. Snow cover and climate in the Sierra Nevada, California. (Calif. Univ. Pubs. in geography, v 11) Univ. of Calif. press '55 p 195-213

Patton, Clyde Perry. Climatology of summer fogs in the San Francisco Bay area. (Calif. Univ. Pubs. in geography, v 10, no3) Univ. of Calif. press '56 p 199-200

Plass, G. N. Carbon dioxide theory of climatic change. *Tellus* 8:153-4 My '56

Roden, G. I. Oceanographic and meteorological aspects of the Gulf of California. *Pac Sci* 12:43-5 Ja '58

Thornthwaite, Charles Warren, and Mather, John Russell. Water balance. (Pubs. in climatology, v7, no 1) Drexel inst. of technology '55 p77-86

Tricart, Jean, and Cailleux, André. Cours de géomorphologie; introd. à la géomorphologie climatique. (Les cours de Sorbonne) Centre de doc. univ. '55 incl bibliog

Weischet, W. Räumliche differenzierung klimatologischer betrachtungsweisen. *Erdkunde* 10:120, 122 Ap '56

See also

Bioclimatology

Birds, Effect of climate on

Insects, Effect of climate on

Man—Influence of climate

Microclimatology

Paleoclimatology

Rain and rainfall

Weather

CLIMATOLOGY, Agricultural. See Plants. Effect of climate on

CLINICAL medicine. See Medicine, Clinical

CLINICAL psychology

Garfield, Sol Louis. Introductory clinical psychology; an overview of the functions, methods, and problems of contemporary clinical psychology. Macmillan '57 incl bibliog

Hadley, John Millard. Clinical and counseling psychology. Knopf '58 incl bibliog

Hammer, Emanuel Frederick, ed. Clinical application of projective drawings. Thomas '58 incl bibliog

Hunt, William Alvin. Clinical psychologist. Thomas '56 p203-6

Michal-Smith, Harold. Mentally retarded patient. Lippincott '56 p 169-84

O'Connell, D. C. Idiographic knowledge. J Gen Psychol 59:32-3 J1 '58

Research in clinical psychology; 1954-1956 J Clin Psychol 11:265-6; 12:222-8; 13:211-20 J1 '55, J1 '56, J1 '57

Robins, E. and Mensh, I. N. Prediction in the clinical method and interrelations of biochemistry, psychiatry, and psychology. J Abnorm & Social Psychol 49:441-2 J1 '54

Rotter, Julian B. Social learning and clinical psychology. (Prentice-Hall psychology ser) Prentice-Hall '54 p435-52

Wallen, Richard W. Clinical psychology; the study of person. (McGraw-Hill ser. in psychology) McGraw '56 incl bibliog

CLOCKS and watches

Britten, Frederick James. Old clocks and watches and their makers; a historical and descriptive account of the different styles of clocks and watches of the past in England and abroad containing a list of nearly fourteen thousand makers; 7th ed. by G. H. Baillie [and others] Dutton '56 p312-17 annot

Bulletin trimestriel signalétique de documentation de chronométrie générale. See numbers of Annales françaises de chronométrie Fortschritte der uhrentechnik durch forschung; vom skisprung zum skiflug; festschrift für Reinhard Straumann. Steinkopf '52 incl bibliog

Lloyd, H. Alan. Old clocks. 2d ed rev (Practical handbks. for collectors) Essential bks. '58 p 169-70

CLOTHING, Protective

United States. Assistant secretary of defense (research and engineering). Office of fuels, materials and ordnance. Bibliography of research and development on protective clothing for handlers of rocket fuels. The office '58 15p

CLOTHING and dress

Erwin, Mabel Deane. Clothing for moderns. rev ed Macmillan '57 incl bibliog

Kitchen, R. L. and Schramm, H. Men's dress. Ciba 11:34 Ja '58

Lewis, Dora (Sumaridason) and others. Clothing construction and wardrobe planning. Macmillan '55 p523-5 annot

Morton, Grace Margaret. Arts of costume and personal appearance; 2d ed. rev. by Carolyn Ruby [and others] Wiley '55 incl bibliog annot

See also

Costume
Dressmaking
Hosiery

CLOTHING industry

Frank, Bertrand. Progressive sewing room. 2d ed Fairchild '58 p225-8

United States

Fried, Eleanor L. Is the fashion business your business? How men and women can make a place for themselves in apparel, textile or retail store fields. Fairchild '58 p249-52

CLOUDS

Ludlam, F. H. Noctilucent clouds. Tellus 9: 363-4 Ag '57

Mordy, W. Computations of the growth by condensation of a population of cloud droplets. Tellus 11:43-4 F '59

Thuronyi, G. and Rice, M. L. Selective annotated bibliography on cloud physics. Meteorol Abst & Bibliog 6:807-84 Je '55

Zikeev, N. A. Selective annotated bibliography on nuclei in the atmosphere; secA (1941-1950) secB (1951-1955) Meteorol Abst & Bibliog 6:1163-97, 1307-43 Ag-S '55

CLOVER

Young, D. J. B. Study of the influence of nitrogen on the root weight and nodulation of white clover in a mixed sward. Brit Grassland Soc J 13:114 Je '58

Diseases and pests

Harris, J. R. Rhizosphere relationships of subterranean clover. Australian J Ag Res 5:268-70 Ap '54

CLUBS

See also

Book clubs

Mathematics clubs

COAGULATION of milk. See Milk—Coagulation

COAL

Abstracts. See numbers of British coal utilisation research association. Monthly bulletin

Brown, R. L. Some coal research problems and their industrial implications. Inst Fuel J 29:230-1 My '56

Carman, Everett Perry, and others. Combustion of solid fuels in thin beds. (U.S. Bur. of mines. Bul. 563) U.S. Gov. ptg. office '57 p89-92

Dryden, I. G. C. Chemistry of coal and its relation to coal carbonization. Inst Fuel J 30:213-14 Ap '57

Guennel, Gottfried Kurt. Miopore analysis of the Pottsville coals of Indiana. (Bul. no 13) Ind. Geological survey '58 p87-9

Kehn, Thomas M. Selected annotated bibliography of the geology of uranium-bearing coal and carbonaceous shale in the United States; sel. bibliogs. of uranium geology. (U.S. Geological survey. Bul. 1059-A) U.S. Gov. ptg. office '57 28p

Krevelen, Dirk Willem van, and Schuyer, Johannes. Coal science; aspects of coal constitution. Elsevier '57 incl bibliog

Krumin, Peter O. Meigs Creek no.9 coal bed in Ohio. (Bul. 151, 165) Ohio engineering experiment station '58-57 2v v 1, p 161-2; v2, p360-73

Parks, Bryan Conrad, and O'Donnell, H. J. Petrography of American coals. (U.S. Bur. of mines. Bul. 550) U.S. Gov. ptg. office '56 p 144-6

Recent developments and notes. See numbers of Fuel

Rose, H. J. and Glenn, R. A. Coal. Ind & Eng Chem 48:358-9 Mr '56

Sen, J. Fine structure in degraded, ancient and buried wood, and other fossilized plant derivatives. Bot R 22:371-4 Je '56

Smith, A. H. V. Sequence of microspore assemblages associated with the occurrence of crassidite in coal seams of Yorkshire. Geol Mag 94:361-3 S '57

Smithers, F. S. & company, New York. Bituminous coal: a basic raw material with a new value. The company '56 p97-100

Svoboda, Josef V. and Beneš, Konrád. Petrografie uhli. Nakl. Československé akad. věd. '55 p241-9

Walsh, J. H. and others. Present and potential uses for coal in the Canadian metallurgical industry. Can Min & Met Bul 51: 87-8 F '58

Wilson, Leonard Richard, and Hoffmeister, William Simon. Plant microfossils of the Crowburg coal. (Circ. 32) Okla. Geological survey '56 p43-4

Yingst, P. O. Annotated bibliography on coal. Colo Sch Mines Q 53:1-102 J1 '58

Yohe, Gail Robert. Oxidation of coal. (Rep. of investigations, 207) Ill. State geological survey '58 p41-51

See also

Briquets (fuel)

Lignite

Analysis

American society for testing materials. Symposium on coal sampling; presented at the 57th annual meeting [of the] Society, Chicago, June 14, 1954. (Special technical pub. no 162) The society '55 incl bibliog

Marshall, C. E. Petrology and preparation of certain (Permian) coal seams of India. Econ Geol 54:55-6 Ja '59

Schoof, J. M. Petrologic methods for application to solid fuels of the future. Min Eng 8:638-9 Je '56

Chemistry

Breger, I. A. Geochemistry of coal. Econ Geol 53:836-41 N '58

Geology

Šuf, Jiří. Geologie uhelných ložisek. (Knihovna no37) Přírodovědecké vydavatelství '52 p 188-200

COAL distillation

Abstracts. See numbers of British coal utilisation research association. Monthly bulletin
 Dryden, I. G. C. Chemistry of coal and its relation to coal carbonization. *Inst Fuel J* 30:213-14 Ap '57

Prien, C. H. and Perch, M. Pyrolysis of coal and shale. *Ind & Eng Chem* 47:1915; 48:1657; 49:1551-2; 50:1405; 51:1146-7 S '55. S '56. S '57. S '58. S '59

Rammner, Erich, and Alberti, Hans Joachim von. Braunkohlenschweling, braunkohlenverkokung; eine empfehlende bibliographie. (Leipzig. Deutsche bucherel. Sonderbibliog. 6) Verlag für buch- & bibliothekswesen '57 138p

COAL gasification

Organization for European economic cooperation. Gasification of coal: underground gasification; gasification of mined coal. The organization '53 incl bibliog

—Same; with title: La gazéification des charbons; gazéification souterraine; gazéification des carbon extraits. The organization '53 incl bibliog

COAL industry

Henderson, James Mitchell. Efficiency of the coal industry; an application of linear programming. (Harvard economic studies, v 103) Harvard univ. press '58 p 139-44

Speare, M. Edmund. Coal industry. (Vocational and professional monographs, no89) Bellman '57 p29-32

Europe

European coal and steel community. Common assembly. Monatliches bibliographisches verzeichnis. The agency. See numbers thru 1955

European coal and steel community. Common assembly Vierteljährliche methodische bibliographie. The agency. See numbers thru 1957

European coal and steel community. High authority. Bibliothèque. Articles sélectionnés. Zeitschriftenaufsätze. The library. See numbers

European parliamentary assembly. Vierteljährliche methodische bibliographie. The agency. See numbers

See also

European coal and steel community

Great Britain

Baldwin, George Benedict. Beyond nationalization. (Wertheim pubs. in industrial relations) Harvard univ. press '55 p311-15

COAL miners

Koch, Max Jürgen. Die bergarbeiterbewegung im Ruhrgebiet zur zeit Wilhelms II. 1889-1914; hrsg. von der Kommission für geschichte des parlamentarismus und der politischen partien in Bonn. (Beiträge zur geschichte des parlamentarismus und der politischen partien, no5) Droste-verlag '54 p 151-6

COAL mines and mining

Charbonnages de France. Bibliographie des publications du CERCHAR depuis sa création, 1947-1951 inclus. The agency '52? 17p

Charbonnages de France. Publications des stations centrales de recherches minières françaises, 1907-1952, par M. Ferrari. Centre d'études & recherches des Charbonnages de France '53 54p

Holland, C. T. Cause and occurrence of coal mine bumps. *Min Eng* 10:1004B S '58

Ostrava. Czechoslovak Republic (city). Státní vědecká knihovna. Hluboké doły; větrání, chlazení, hloubení a těžení; výběrový soupis literatury 1936-1954 z materiálu Státní vědecké knihovny v Ostravě; sest. J. Rydl s kolektivom odborníků. (Příručka. ser 2, no 157) The library '55 26p

Ostrava. Czechoslovak Republic (city). Státní vědecká knihovna. Výběrové zprávy o novinkách v zahraniční časopisecké literatuře z oboru hornictví; příspěvek pro řešení úkolů Vědecko-technické spol. Ostravskokarvinského revíru vypracovaný kolektivem odborných spolupracovníků Státní vědecké knihovny v Ostravě. (Příručka. ser 2, no 151) The library '55 40p

See also

Coal industry

Mine gases

Accidents

Ash, Simon Harry. Mine flood prevention and control: anthracite region of Pennsylvania; final rep. of the anthracite flood-prevention project engineers. (U.S. Bur. of mines. Bul. 562) U.S. Gov. ptg. office '57 p93-100

Titman, H. Review of experiments on the ignition of inflammable gases by frictional sparking. *Inst Min Eng Trans* 115:551-3 Ap '56

United States. Bureau of mines. Coal-mine accident-prevention course. rev ed (Miners' circ) U.S. Gov. ptg. office '54-'55 3v incl bibliog

See also

Mine explosions

Mine rescue work

Equipment

Green, T. E. Mine locomotives. *Inst Elec Eng Proc* 103:559-60 D '57

Lighting

See Mine lighting

China

Carlson, Ellsworth C. Kaiping mines (1877-1912) (Special ser) Chinese economic & political studies, Harvard univ. '57 p 157-68 annot

India

Marshall, C. E. Petrology and preparation of certain (Permian) coal seams of India. *Econ Geol* 54:55-6 Ja '59

Pennsylvania

Ash, Simon Harry, and others. Corrosive and erosive effects of acid mine waters on metals and alloys for mine pumping equipment and drainage facilities; anthracite region of Pennsylvania. (U.S. Bureau of mines Bul. 555) U.S. Gov. ptg. office '55 p44-6

Ash, Simon Harry, and others. Surface-water seepage into anthracite mines in the Lackawanna basin, northern field, anthracite region of Pennsylvania. (U.S. Bur. of mines Bul. 518) U.S. Gov. ptg. office '52 p37

Ruhr valley

Gebhardt, Gerhard, ed. Ruhrbergbau; geschichte, aufbau und verflechtung seiner gesellschaften und organisationen. Verlag Glückauf '57 p530-51

Southwest

Wood, Gordon H. and others. Geology and coal resources of the Starkville-Weston area, Las Animas county, Colorado; a study of the fuels resources in a 245 square mile area in the southwestern part of Las Animas county, Colorado. (U.S. Geological survey. Bul. 1051) U.S. Gov. ptg. office '57 p64-6

United States

Stemple, David Townsend. Study of problems encountered in multiple-seam coal mining in the eastern United States. (Bul. no 107) Va. Engineering experiment station '56 p63-4

Yugoslavia

Mellen, Melrad, and Winston, Victor H. Coal resources of Yugoslavia. (Pub. no27) Mid-European studies center, Free Europe com. '57 p301-28

COAL tar

Review of coal tar technology. Coal tar research assn. See numbers

COAST changes

Bruun, P. and Gerritsen, F. Stability of coastal inlets. *Am Soc Civil Eng Proc* 84 [WW3 no 1644]:47-9 My '58

Kannenberg, Ernst Günter. Die steilufer der schleswig-holsteinischen Ostseeküste; probleme der marinen und klimatischen abtragung. (Schriften, v 14, no 1) Geographisches inst. Kiel. Univ. '51 p98-101

See also

Sedimentation and deposition

COASTAL water fauna. See Shore water fauna

COASTAL water flora. See Shore water flora

COASTS

Guilcher, André. Coastal and submarine morphology; tr. by B. W. Sparks and R. H. W. Kneese. Wiley '58 incl bibliog

Guilcher, André, and Joly, Fernand. Recherches sur la morphologie de la côte atlantique du Maroc. (Rabat, Morocco. Inst. scientifique chérifien. Travaux. Sér. Géologie et géographie physique, no2) Eds. ints. '54 p 119-25

COASTS—Continued

Kannenberg, Ernst Günter. Die steilufer der schleswig-holsteinischen Ostseeküste; probleme der marinen und klimatischen abtragung. (Schriften, v 14, no 1) Geographisches inst. Kiel. Univ. '51 p98-101

Terry, Richard D. Bibliography of marine geology and oceanography, California coast. (Special rep. 44) Calif. Div. of mines '55 131p

Valentin, Hartmut. Die küsten der erde; beiträge zur allgemeinen und regionalen küstenmorphologie. (Petermanns geographische mitteilungen, Ergänzungsheft no246) Perthes '52 p 102-18

COATING materials. See Finishes and finishing

COATINGS, Protective. See Protective coatings

COBALT

Morral, Facundo Rolf. Cobalt and its alloys; a summary of allotropy and phase diagrams. 2d ed rev Cobalt information center '58 125p

See also

Soils—Cobalt content

Metallurgy

Bauder, R. B. Bibliography on extractive metallurgy of nickel and cobalt, January 1929-July 1955. (U.S. Bur. of mines. Information circ. 7805) U.S. Gov. ptg. office '57 159p

Jones, Curtis A. Bibliography on extractive metallurgy of nickel and cobalt, 1900-1928. (U.S. Bur. of mines. Information circ. 7883) U.S. Gov. ptg. office '59 33p

COBALT in the body

Smith, S. E. and Loosli, J. K. Cobalt and vitamin [B₁₂] in ruminant nutrition. J Dairy Sci 40:1224-7 O '57

COBALT mines and mining

United States. Bureau of mines. Materials survey; cobalt, 1950; comp. for the Materials office, Nat. security resources board, by the Bureau with the cooperation of the Geological survey. U.S. Gov. ptg. office '52 incl bibliog

COBBENHAGEN, Martinus Joseph Hubertus, 1893-1954

Cobbenhagen, Martinus Joseph Hubertus. De econometist Cobbenhagen (sinel economische geschriften. Elsevier '57 p587-605

COCCIDAE. See Scale insects

COCCIDIA

Hanson, H. C. and others. Coccidia (protozoa: eimeriidae) of North American wild geese and swans. Can J Zool 35:732-3 D '57

COCCIDIOIDOSIS

Arizona. State department of health. Proceedings of symposium on coccidioidomycosis; held at Phoenix, Ariz. Feb. 11-13, 1957. (Pub. no575) U.S. Public health service '57 incl bibliog

Champion, L. R. Inheritance of resistance to cecal coccidiosis in the domestic fowl. Poultry Sci 33:681 J1 '54

Fiese, Marshall J. Coccidioidomycosis; foreword by Charles E. Smith. Thomas '58 p 187-227

COCCOIDEA

Morrison, Harold, and Renk, Alice Veronica. Selected bibliography of the coccoidea. (U.S. Dept. of agriculture. Misc. pub. no734) U.S. Gov. ptg. office '57 222p annot

COCCOLITHOPHORIDAE

Lecal-Schlauder, Juliette. Recherches morphologiques et biologiques sur les coccolithophorides nord-africains. (Inst. océanographique. Annales, new ser, v26, no3) Masson '51 p357-60

COCHLEA

Yantis, P. A. Audiologic examination of the inner ear: the aural-overload test. J Speech & Hear Dis 21:312 S '56

COCKCHAFERS

Kratochvíl, J. Chroustí a boj s nimi. (Československá akademie věd. Věda mění život. Sekce biologická, no3) Nakl. Československé akademie věd '53 p 148-53

COCKRELL, Monroe Fulkerson, 1884-

Cockrell, Monroe Fulkerson. Monroe F. Cockrell, 1957; a bibliography. The author '57 32p

COCKROACHES

Brooks, M. A. and Richards, A. G. Intracellular symbiosis in cockroaches. J Exp Zool 132:462-3 Ag '56

Roth, L. M. and Willis, E. R. Parthenogenesis in cockroaches. Entom Soc Am Ann 49:203-4 My '56

Willis, E. R. and others. Observations on reproduction and development in cockroaches. Entom Soc Am Ann 51:68-9 Ja '58

COCKSACKIE viruses. See Viruses

COCLÉ, Panama (province)

Bibliografía de Coclé [con motivo de su centenario, 1855-1955] Comisión organizadora: Rubén Darío Carles [et al] '55 106p

COCOA

Urquhart, Duncan Hector. Cocoa. (Tropical agricultural ser) Longmans '55 incl bibliog

See also

Cacao

COCONUT

Peters, F. E. Bibliographie sur les aspects nutritifs de la noix de coco. (Doc. technique no58) Comm. du Pacifique sud '54 43p

See also

Cair

Copra

COCTEAU, Jean, 1889-

Cocteau, Jean. Journals; ed. and tr. with an introd. by Wallace Fowlie. Criterion bks. '56 p241-4

Crosland, Margaret. Jean Cocteau. Knopf '56 p223-8

Fernández Cuenca, Carlos. Orphée, y el cine de Jean Cocteau. (Col. cuadernos cineclub, 1) Ediciones del Cineclub Pamplona '52 p56

Jean Cocteau; essai bibliographique. Biblio 23:9-10 O '55

Oxenhandler, Neal. Scandal & parade; the theater of Jean Cocteau. Rutgers univ. press '57 p281-4

CODFISH

McPhail, Marjorie E. Selected bibliography of salt cod. (Circ. new ser, no5) Technological station, Fisheries research board of Canada '57 30p

CODY, William Frederick (Buffalo Bill) 1846-1917

Leonard, Elizabeth Jane, and Goodman, Julia Cody. Buffalo Bill; king of the Old West; ed. by James Williams Hoffman. Lib. pubs. '55 p311-14

COEDUCATION

See also

Education of women

COELDE, Dietrich, 1435?-1515

Coelde, Dietrich. Der Christenspiegel; kritisch hrsg. von Clemens Drees. (Franziskanische forschungen, no9) Dietrich-Coelde verlag '54 p373-9

COELENERATA

Welsh, J. H. On the nature and action of coelenterate toxins. Deep Sea Res 3 sup: 296-7 D '55

See also

Corals

Hydrozoa

Sponges

COELHO NETTO, Henrique, 1864-1934

Coelho Netto, Paulo. Bibliografia de Coelho Netto. Ed. Borsoi '56 34p

COENZYMES

Wenneker, A. S. and Recant, L. Effect of ethionine feeding on liver and kidney coenzyme A content in the rat. J Nutrition 64: 135-6 Ja '58

COFFEE

Arujo Filho, J. R. de. O café, riqueza paulista. Bol Paulista Geog 23:128-35 J1 '56

Coste, René. Les cafés et les cafés dans le monde; v 1, Les cafés. Larose '55 incl bibliog

Lockhart, Ernest E. and Bloomhardt, Fred B. Survey of world literature on coffee, 1953. (Pub. no7) Coffee brewing inst. '56 23p

Peréz de la Riva, F. Artículos publicados en revistas y publicaciones periódicas cubanas y extranjeras que tratan sobre el café en Cuba. R Bibl Nac s2 9:239-58 O '58

Schröder, Die klimatischen bedingungen für den kaffeeanbau auf der erde, insbesondere in Zentral- und Südamerika. Petermanns Geog Mitt 100 no 1:135-6 '56

Sylvain, P. G. Ethiopian coffee, its significance to world coffee problems. Econ Bot 12:138-9 Ap '58

COFFEE trade

Stein, Stanley Julian. Vassouras; a Brazilian coffee county, 1850-1900. (Harvard univ. Harvard historical studies, v69) Harvard univ. press '57 p301-10

- COHEN, Marcel Samuel Raphaël, 1884-**
Cohen, Marcel Samuel Raphaël. Cinquante années de recherches linguistiques, ethnographiques, sociologiques, critiques et pédagogiques; bibliog. complète, rééditions et éditions d'études diverses. Klincksieck '55 387p
- COHEN, Morris Raphael, 1880-1947**
Kuhn, Martin A. Morris Raphael Cohen: a bibliography. (Journal of the history of ideas. Special sup) Lib. City college of N.Y. '57 44p
- COHN, William, 1880-**
Hill, George. Dr William Cohn: bibliog. in honour of his seventy-fifth birthday, 22 June 1955. Cassirer '55 37p
- COHON, Samuel Solomon, 1883-**
Wiener, T. Writings of Samuel S. Cohon. Stud Bibliog & Booklore 2:160-78 D '56
- COINAGE**
See also
Quantity theory of money
- COINS**
American numismatic society. Numismatic literature. The society. See numbers
Erlanger, H. J. Some German counterstamps of the late seventeenth century and the standard of the Leipzig convention. Am Numis Soc Mus Notes 7:182-4 '57
Probszt, G. Quellenkunde der münz- und geldgeschichte der ehemaligen österreichisch-ungarischen monarchie. Akad. druck- & verlagsanstalt '54 134p
See also
Tokens
- COINS, Medieval**
Lhotka, J. F. Medieval bracteates: an empirical guide. Numismatist 71:1200 O '58
- COIR**
Bally, W. Coir. Ciba R 116:32 Ag '56
- COKE, Sir Edward, 1552-1634**
Bowen, Catherine (Drinker). Lion and the throne; the life and times of Sir Edward Coke (1552-1634) Little '57 p565-608
- COKER, William Chambers, 1872-1953**
Couch, J. N. and Matthews, V. D. William Chambers Coker. Mycologia 46:378-83 My '54
- COLCHICINE**
Angevine, J. B. Nerve destruction by colchicine in mice and golden hamsters. J Exp Zool 136:385-7 N '57
Edwards, R. G. Colchicine-induced heteroploidy in the mouse. J Exp Zool 137:342-4 Mr '58
Elgstl, Orie Jacob, and Dustin, Pierre. Colchicine in agriculture, medicine, biology, and chemistry. Iowa state college press '55 incl bibliog
Singer, M. and others. Nerve destruction by colchicine resulting in suppression of limb regeneration in adult triturus. J Exp Zool 131:291-2 Ap '56
See also
Plants, Effect of colchicine on
- COLD**
Physiological effect
Burton, Alan Chadburn, and Edholm, Otto G. Man in a cold environment; physiological and pathological effects of exposure to low temperatures. (Physiological soc. Monographs, no2) Arnold '55 incl bibliog
Carlson, Loren Daniel. Man in cold environment; a study in physiology. Alaskan air command. Arctic aeromedical laboratory. Ladd air force base '54 p 115-61
Conference on cold injury. Cold injury; transactions of the 3d[-5th] conference, 1954[-1957] Macy '55-58 3v incl bibliog
Rodahl, K. Nutritional requirements in cold climates. J Nutrition 53:587-8 Ag '54
Sapin-Jaloustre, Jean. Enquête sur les gélures: à propos des observations de la 1^{re} expédition antarctique française en Terre Adélie, 1948-1951. (Expéditions polaires françaises, 1948- Travaux, 10; Actualités scientifiques et industrielles, 1248) Hermann '59 p 165-85
- COLD (disease)**
Dietz, N. Common cold and stress conditions. Ind Med 26:232-3 My '57
- COLD storage**
See also
Refrigeration and refrigerating machinery
- COLDEN, Cadwallader, 1688-1776**
Jarcho, S. Biographical and bibliographical notes on Cadwallader Colden. Bul Hist Med 32:330-4 JI '58
- COLE, Arthur Harrison, 1889-**
Harvard university. Graduate school of business administration. Baker library. Writings of Arthur H. Cole. (Reference list no 18) The library '56 12p
- COLE, Cornelius, 1822-1924**
Cole, Cornelius. Papers of Cornelius Cole and the Cole family, 1833-1943; a guide to Coll. 217; arr, annot, and indexed by Elmo R. Richardson. (UCLA lib. occasional papers, no4) Univ. of Calif. lib. '56 53p
- COLEMAN, John Winston, 1898-**
Coleman, John Winston. Autobiographical sketch, with a list of writings. Winburn press '54 p 11-29
- COLEOPTERA.** See Beetles
- COLERIDGE, Samuel Taylor, 1772-1834**
Beer, John Bernard. Coleridge, the visionary. Macmillan '59 p346-50
Coleridge on the seventeenth century; ed. by Roberta Florence Brinkley; introd by Louis I. Bredvold. Duke univ. press '55 p xv-xx
Raine, Kathleen J. Coleridge. (Bibliog. ser. of sups. to British bk. news, no43) Longmans '53 p39-44
- COLLAGEN**
Gustavson, Karl Helmer. Chemistry and reactivity of collagen. Academic press '56 incl bibliog
Peng, C. M. and Tsao, T. C. Extraction and some physico-chemical properties of rabbit skin procollagen. Scientia Sinica 5:705-8 D '56
- COLLECTING of accounts**
Ettinger, Richard Prentice, and Golieb, David Edwin. Credits and collections. 4th ed Prentice-Hall '56 p401-2
- COLLECTIVE bargaining**
American management association. Collective bargaining; AMA special conference, May 16-17, 1955. The association '55 p 159-62
American management association. Labor relations; conference handbk. pub. for distribution at the AMA special conference, May 13-14, 1957. Chicago [Elizabeth Marting, editor] The association '57 p229-33
Davey, Harold William. Contemporary collective bargaining. 2d ed (Prentice-Hall industrial relations and personnel ser) Prentice-Hall '59 incl bibliog
Princeton university. Industrial relations section. Collective bargaining: problems and prospects. (Sel. references, no83) The section '58 8p annot
Witney, Fred. Collective bargaining agreement; its negotiation and administration. (Ind. business rep. no25) Bur. of business research, Ind. univ. '57 p 125-6
See also
Labor contract
- COLLECTIVE security.** See Security, International
- COLLECTIVE settlements**
Spiro, Melford E. Kibbutz; venture in Utopia. Harvard univ. press '56 p255-6
Webber, Everett. Escape to Utopia; the communal movement in America. (Am. procession ser) Hastings house '59 p421-35
- COLLECTORS and collecting**
Aufsätze in zeitschriften. See numbers of Philobiblon
Comstock, Helen, ed. Concise encyclopedia of American antiques. Hawthorn bks. '58 2v incl bibliog
See also
Antiques
Book collecting
- COLLEGE and school journalism**
International union of students. International guide to the student press. Guide international de la presse étudiante. Guía internacional de la prensa estudiantil. The union '56 34p
- COLLEGE fraternities.** See Greek letter societies
- COLLEGE journalism.** See College and School journalism
- COLLEGE libraries.** See Libraries, University and college
- COLLEGE professors and instructors**
Eells, Walter Crosby. College teachers and college teaching; an annot. bibliog. on college and univ. faculty members and instructional methods. Southern regional education board '57 282p
Ness, Frederic William. Role of the college in the recruitment of teachers; a rep. prepared by [the auth] for the Comm. on teacher education, Assn. of Am. colleges '58 p79-83
See also
Academic freedom

COLLEGE registrars. See Registrars—Colleges and universities

COLLEGE students. See Students

COLLEGES and universities

Florida. University. College of education. Education library. Improving college and university teaching. 2d ed (Bibliog. no34) The library '59 6p

Goode, Delmer Morrison. These books were stimulating; one hundred bks. on college and univ. teaching. Graduate school. Ore. state college '58 17p annot

Selected references on higher education. Sch R 63:489-93; 64:411-14 D '55, D 56 annot

See also

Academic freedom

College professors and instructors

Dissertations, Academic

Junior colleges

Libraries, University and college

Medical colleges

Scholarships

Students

Accreditation

Nevins, John F. Study of the organization and operation of voluntary accrediting agencies. (Catholic univ. of Am. Educational research monographs, v22, no3) Catholic univ. of Am. press '59 p361-87

Administration

Bauer, Ronald C. Cases in college administration; with suggestions for their preparation and use. (Studies in education) Teachers college '55 p207-9

Bigelow, Karl Worth. Selected books for the college and university administrator. Teachers college '58 26p annot

Doyle, Edward Allen. Status and functions of the departmental chairman; a study of the status and functions of the departmental chairman in thirty-three sel. colleges of liberal arts under private auspices. Catholic univ. of Am. press '53 p 136-8

Singleton, Gordon G. and others. College or university dean. (Study in education 496) Baylor univ. '55 p54-8

Stoke, Harold Walter. American college president. Harper '59 p 172-5

Woodburne, Lloyd Stuart. Principles of college and university administration. Stanford univ. press '58 p 193-4

See also

Registrars—Colleges and universities

Buildings

Jones, Donald A. Physical analysis for colleges and universities; a handbk. of techniques. Am. assn. of colleges for teacher education '58 p201-4 annot

See also

Dormitories

Catalogs

See Catalogs, College

Curricula

Bonthius, Robert H. and others. Independent study program in the United States; a rep. on an undergraduate instructional method; in collaboration with Frances V. Guille and Warren P. Spencer. Columbia univ. press '57 p249-54

Entrance requirements

Dale, Reginald R. From school to university; a study with special reference to university entrance. Routledge '54 p240-6

Fricke, B. G. Prediction, selection, mortality, and quality control. Coll & Univ 32:61-2 Fall '56

Finance

Daniels, Walter Machray, ed. Educational opportunities for youth. (Reference shelf, v27, no5) Wilson '55 p 191-201

Devine, Thomas F. Corporate support for education: its bases and principles. (Catholic univ. of Am. Educational research monographs, v 19, no2) Catholic univ. of Am. press '56 p229-39

Long, John Douglas. Needed expansion of facilities for higher education, 1958-70, how much will it cost? Am. council of education '58 p41-3

Graduate work

Association of American colleges. Guide to graduate study; programs leading to the Ph. D. degree; Frederic W. Ness, editor. The association '57 p60-4

Health service

See Student health

Religious life and activities

Smith, Seymour Alfred. Religious cooperation in state universities: an historical sketch. Univ. of Mich. '57 p 106-9

China

Chung, Shih. Higher education in Communist China. (Communist China problem research ser, EC2) Union research inst. '53 p94-5

Great Britain

Berdahl, Robert Oliver. British universities and the state. (Calif. Univ. Pubs. in political science, v7) Univ. of Calif. press '59 p211-21

Great Britain. Inter-university council for higher education overseas. Inter-university council for higher education overseas, 1946-54. (Gt. Brit. Parliament. Papers by command cmd. 9515) H.M.S.O. '55 p38-40

Fiction

Proctor, Mortimer R. English university novel. (Calif. Univ. Pubs. English studies, 15) Univ. of Calif. press '57 p217-22

Latin America

Buenos Aires. Universidad nacional. Instituto bibliotecológico. Bibliografía sobre reforma y autonomía universitarias; dirección: Ernesto G. Gietz. The institute '56 87p

Spain

Ajo G. y Sáinz de Zúñiga, C. M. Historia de las universidades hispánicas; orígenes y desarrollo desde su aparición hasta nuestros días; v. 1. Medievo y renacimiento universitario. Ed. La normal '57 p43-184

Goñi Gaztambide, J. Boletín bibliográfico sobre universidades, colegios y seminarios. hisp Sacra 9 no 18:429-48 Jl '56

United States

Dyer, John Percy. Ivory tower in the market place; the evening college in Am. education. Bobbs '56 p 196-201 annot

Jacob, Philip Ernest. Changing values in college; an exploratory study of the impact of college teaching. Harper '57 p 138-74 annot

Patterson, Samuel White. Hunter college; eighty-five years of service; foreword by George Nauman Shuster. Lantern press '55 p262-3

Snively, Guy Everett. Church and the four year college; an appraisal of their relation. Harper '55 p 199-204

See also

Georgia. University

COLLEMBOLA. See Springtails

COLLINS, Wilkie, 1824-1889

Davis, Nuel Pharr. Life of Wilkie Collins; introd. by Gordon N. Ray. Univ. of Ill. press '56 p339-44

COLLOGEN. See Collagen

COLLOIDS

Fishman, Myer. Light scattering by colloidal systems; an annot. bibliography. Technical service laboratories '57 84p

Hodge, H. M. and Metcalfe, S. N. Flocculation of bacteria by hydrophilic colloids. J Bact 75:263-4 Mr '58

Iler, Ralph Kingsley. Colloid chemistry of silica and silicates. (George Fisher Baker non-resident lectureship in chemistry at Cornell univ) Cornell univ. press '55 incl bibliog

Milligan, W. O. and others. Colloids and surface behavior. Ind & Eng Chem 47:620-5; 48:614-21; 49:547-53; 50:508-11; 51:417-21 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

See also

Emulsions

Foam

Particles

COLOGNE, Germany

Antiquities

Fremersdorf, Fritz. Das römische haus mit dem Dionysos-mosaik von dem südportal des Kölner domes; mit beiträgen von Hans Engländer [et al] (Kölner ausgrabungen, v 1) Gebr. Mann '56 p 132-5

COLOMB, Georges (Christophe, pseud) 1856-1945

Caradec, François. Christophe Colomb; essai de biographie d'après les remarques et observations de l'auteur, agrémenté d'un fragment de citation latine tiré de L'imitation et suivi de notes et d'une bibliog; préf. de Raymond Queneau. Grasset '56 p209-18

COLOMBIA

Giraldo Jaramillo, Gabriel. Bibliografía de bibliografías colombianas. Editorial Pax '54 192p

La Paz, Bolivia. Biblioteca municipal Mariscal Andrés de Santa Cruz. La sala colombiana de la Biblioteca municipal de La Paz. (Pubs. pro cultura cívica, auspiciadas por la H. municipalidad de la Paz) Editorial artística '51 79p

Antiquities

Haury, Emil Walter, and Cubillos, Julio César. Investigaciones arqueológicas en la sabana de Bogotá, Colombia (cultura Chibcha) (Social science bul. no22) Univ. of Ariz. '53 p96-7

Pérez de Barradas, José. Los muiscas antes de la conquista. (Pueblos indígenas de la Gran Colombia v 1-2) Inst. Bernardino de Sahagún, Consejo superior de investigaciones científicas '50-'51 2v v2, p547-66

Pérez de Barradas, José. Orfebrería prehispánica de Colombia, estilo calima; obra basada en el estudio de las colecciones del Museo del Oro del Banco de la República, Bogotá. The author '54 2v v 1, p329-40

Description and travel

Giraldo Jaramillo, Gabriel. Bibliografía colombiana de viajes. (Biblioteca de bibliog. colombiana, 2) Editorial ABC '57 224p

West, Robert Cooper. Pacific lowlands of Colombia; a Negroid area of the American tropics. (La. state univ. studies. Social science ser. no8) La. state univ. press '57 p255-71

Economic conditions

Colombia. Departamento de contraloría. Biblioteca. Catálogo de la sección Colombia. The library '55 26p

United States. Bureau of foreign and domestic commerce. Office of international trade. Investment in Colombia; conditions and outlook for United States investors [by Joseph J. Magurn and others] The bureau '53 p 123-6

History

Pérez de Barradas, José. Los muiscas antes de la conquista. (Pueblos indígenas de la Gran Colombia v 1-2) Inst. Bernardino de Sahagún, Consejo superior de investigaciones científicas '50-'51 2v v2, p547-66

Politics and government

Colombia. Departamento de contraloría. Biblioteca. Catálogo de la sección Colombia. The library '55 26p

Fluharty, Vernon Lee. Dance of the millions; military rule and the social revolution in Colombia, 1930-1956. Univ. of Pittsburgh press '57 p318-24

Social conditions

Fluharty, Vernon Lee. Dance of the millions; military rule and the social revolution in Colombia, 1930-1956. Univ. of Pittsburgh press '57 p318-24

COLOMBIAN fiction

Curcio Altamar, Antonio. Evolución de la novela en Colombia. (Pubs, 11) Instituto Caro y Cuervo '57 p263-323

COLOMBIAN literature**History and criticism**

Duffey, Frank M. Early cuadro de costumbres in Colombia. (N.C. Univ. Studies in the Romance languages and literatures, no26) Univ. of N.C. press '56 p 114-16

COLON (anatomy)**Cancer**

Hultborn, K. A. Cancer of the colon and rectum; a clinical and pathological study with special reference to the possibilities of improving the diagnostic methods and the therapeutic results in adeno-carcinoma [tr. by Stanley H. Vernon] (Sup 172) Acta chirurgica scandinavica '52 p 177-90

Surgery

Bukh, Holger. Clinical research on the permanent colostomy; its function and management [tr. from the Danish by Olaf A. Hansen] (Sup 190) Acta chirurgica scandinavica '54 p81-4

COLONGE, Jean, 1900-
Colonge, Jean. Notice sur les travaux scientifiques de Jean Colonge. Audin '56 p6-15

COLONIES

Adam, Thomas Ritchie. Modern colonialism; institutions and policies. (Doubleday short studies in political science, no 19) Doubleday '55 p87-8 annot

Mannoni, O. Prospero and Caliban; the psychology of colonization; tr. by Pamela Powesland; with a foreword by Philip Mason. (Bks. that matter) Praeger '56 p210-14

Strausz-Hupé, Robert, and Hazard, Harry W. eds. Idea of colonialism. (Foreign policy research inst. ser. no5) Praeger '58 incl bibliog

See also

Imperialism

International trusteeships

Mandates

Administration

Hansard society. Problems of parliamentary government in colonies; a rep. on some of the problems involved in developing parliamentary insts. in colonial territories. The society '53 p23-4, 36-7

Economic policy

Niculescu, Barbu. Colonial planning; a comparative study. Allen '58 p 194-204

COLONIZATION**History**

Brunschwig, H. Histoire de la colonisation. R Hist 214:68-105 J1 '55

COLOR

Birren, Faber. New horizons in color. Reinhold '55 p 195-7

See also

Chromatographic analysis

Dyes and dyeing

Pigments

Pleochroism

Psychology

Granger, G. W. Experimental study of colour harmony. J Gen Psychol 52:34-5 Ja '55

Granger, G. W. Experimental study of colour preferences. J Gen Psychol 52:19-20 Ja '55

COLOR of animals

Rendel, J. Nedärvingen av färg och teckning hos husdjur. Skogs- och Lantbruksakad Tids 96 no4:260-3 '57

See also

Albinos and albinism

Chromatophores

Mimicry (biology)

COLOR of foods

See also

Coloring matter in food

COLOR of fungi

Riedhart, J. M. and Porter, C. L. Studies of a unique pigment complex and a photobiological reaction in penicillium herquel. Mycologia 50:400-2 My '58

COLOR of insects

Blest, A. D. Evolution of protective displays in the saturnioidae and spingidae (lepidoptera). Behaviour 11 no4:306-9 '57

Blest, A. D. Function of eyespot patterns in the lepidoptera. Behaviour 11 no2:254-5 '57

Key, K. H. L. Kentromorphic phases in three species of phasmatodea. Australian J Zool 5:283-4 O '57

COLOR of milk. See Milk, Color of**COLOR of plants**

Asen, S. and others. Anthocyanin and other phenolic compounds in red and blue sepals of hydrangea macrophylla var. Merveille. Am Soc Hort Sci Proc 69:568-9 Je '57

See also

Anthocyanins

Chlorophyll

Color of vegetables

Variation

Xanthophyll

COLOR of vegetables

Davis, R. B. and Gould, W. A. Proposed method for converting Hunter color difference meter readings to Munsell hue, value and chroma notations corrected for Munsell value. Food Tech 9:539-40 N '55

COLOR of vegetables—Continued

Yeatman, John Newton, and Sidwell, Arthur P. Judging quality of tomatoes for processing by objective color evaluation, with subjective estimation of defects. (U.S. Dept. of agriculture. Marketing research rep. no235) Marketing research div. Agricultural marketing service '58 p38-41

COLOR prints, Japanese

Michener, James Albert. Japanese prints from the early masters to the modern; with notes on the prints by Richard Lane. Tuttle '59 p283-4

COLOR sense

Hurvich, L. M. and Jameson, D. Opponent-process theory of color vision. *Psychol R* 64:402-4 N '57

Roelofs, C. D. and Zeeman, W. P. C. Colour phenomena associated with increases and decreases in physical brightness. *Acta Psychol* 13 no3:195-6 '57

Shaw, W. A. New theory of color vision. *Psychol R* 63:241-2 J1 '56

See also

Retina.

COLOR vision. See Color sense

COLORADO**Gold discoveries**

Bancroft, Caroline. Gulch of gold; a history of Central city, Colorado. Sage '58 p365-76

History

Bancroft, Caroline. Gulch of golds; a history of Central city, Colorado. Sage '58 p365-76

Ellis, Amanda Mae. Strange, uncertain years; an informal account of life in 6 Colo. communities. Shoe string '59 p415-23

Perkin, Robert L. First hundred years; an informal history of Denver and the Rocky Mountain news; with a foreword by Gene Fowler. Doubleday '59 p602-11

Uchill, Ida Libert. Pioneers, peddlers, and tsadikim. Sage '57 p311-16

COLORADO school of mines, Golden

Morgan, Jesse Robert. World school; the Colorado school of mines. Sage '55 p 199

COLORIMETERS and colorimetry

See also

Colorimetric analysis

COLORIMETRIC analysis

Tomlinson, N. and Woodbridge, C. G. Evaluation of a colorimetric and ultraviolet absorption test for diagnosis of plant virus diseases as applied to stone and small fruits. *Can J Ag Sci* 35:123 Mr '55

COLORING matter in food

Bauernfeind, J. C. and others. Coloring fat-base foods with β -carotene. *Food Tech* 12: 535 O '58

Riel, R. R. and Johns, C. K. Use of synthetic β -carotene for coloring butter. *J Dairy Sci* 40:198-9 F '57

COLOSSIANS, Epistles to the. See Bible. New Testament—Colossians**COLTSFOOT**

Bakker, Dingeman. Oecologie van klein hoefblad, tussliago farfara L., en de bestrijding van deze plant in de Noordostpolder. W. E. J. Tjeenk Willink '51 p 175-82

COLUMBIA river

Holbrook, Stewart Hall. Columbia. (Rivers of Am) Rinehart '56 p377-81

COLUMBIUM

Symposium on columbium (niobium) Washington, D.C. 1958. Technology of columbium (niobium); papers presented at the Symposium; ed. by B. W. Gonser and E. M. Sherwood. (Electrochemical soc. ser) Wiley '58 incl bibliog

Williamson, D. R. and Burgin, L. Columbium (niobium) and tantalum. *Col Sch Mines Mineral Ind Bul* 1:10-12, 26-7 S-N '58

COLUMBUS, Christopher, 1446?-1506

Malagón, Javier. Columbus reading list. *Americas* 7:39-40 S '55 annot

Sanz, Carlos. Bibliografía general de la Carta de Colón. Suárez '58 305p

COLUMBUS, Ohio

Hunker, Henry L. Industrial evolution of Columbus, Ohio. (Monograph no93) Bur. of business research. Ohio state univ. Columbus '58 p257-60

COLUMNS

Kavanagh, Thomas C. Rational simplifications for the buckling length of columns. (*Annals*, v72, article 11) New York acad. of sciences '58 p384-5

Sechler, E. E. Inelastic buckling from a designer's viewpoint. *J Aero Sci* 23:505-6 My '56

COMBES, André, 1899-

Combes, André. Saint Thérèse and her mission; the basic principles of Theresian spirituality; tr. by Alastair Guinan. Kenedy '55 243-4

COMBUSTION

American chemical society. Division of chemical literature. Literature of the combustion of petroleum; a coll. of papers presented at the symposium on the literature of the combustion of petroleum held by the Division and the Div. of petroleum chemistry at the 129th nat. meeting of the Society in Dallas, Tex. Apr. 1956. (*Advances in chemistry ser*, no20) The society '58 295p

Carman, Everett Perry, and others. Combustion of solid fuels in thin beds. (U.S. Bur. of mines. Bul. 563) U.S. Gov. ptg. office '57 p89-92

Combustion colloquium. 3d, Palermo, 1958. Combustion and propulsion, third AGARD colloquium; noise, shock tubes, magnetic effects, instability and mixing; incl. 4 sel. papers presented at the Washington AGARD meeting; eds: M. W. Thring and others. Pergamon press '58 incl bibliog

Friedman, R. and Grover, J. H. Combustion. *Ind & Eng Chem* 49:1475-7; 51:1072-4 S '57, S '59

Lewis, Bernard, and others, eds. Combustion processes. (High speed aerodynamics and jet propulsion, v2) Princeton univ. press '56 incl bibliog

Marble, F. E. Flames theory and combustion technology. *J Aero Sci* 23:468 My '56

Maybach, Gunter W. Film vaporization combustor for gas turbine engines; theoretical and experimental investigations. (Engineering research bul. B-75) College of engineering & architecture, Pa. state univ. '59 p 125-7

North Atlantic treaty organization. Advisory group for aeronautical research and development. Selected combustion problems. II: transport phenomena, ignition, altitude behaviour and scaling of aeroengines. Combustion colloquium, Liège, Belgium, Dec. 5 to 9, 1955. Butterworth '56 incl bibliog

Northwestern university, Evanston, Illinois. Proceedings of the gas dynamics symposium on aerothermochemistry, August 22, 23, 24, 1955; ed. Donald K. Fleming. The university '56 incl bibliog

Physical measurements in gas dynamics and combustion; ed. [by] R. W. Ladenburg [and others] (High speed aerodynamics and jet propulsion, v9) Princeton univ. press '54 incl bibliog

Symposium (international) on combustion. 5th, University of Pittsburgh, 1954. Combustion in engines and combustion kinetics; pub. for the Combustion inst. under the auspices of the Standing com. on combustion symposia. Reinhold '55 incl bibliog

Weil, S. A. and others. Fundamentals of combustion of gaseous fuels; a critical literature review. (Research bul. 15) Inst. of gas technology '57 p58-63

See also

Flames

Ignition

COMEDY

See also

Spanish drama (comedy)

COMENIUS, Johann Amos, 1592-1670

Brambora, Josef. Knižní dílo Jana Amose Komenského; studie bibliografická. Státní pedagogické nakl. '54 157p

—Same. 2d ed Státní pedagogické nakl. '57 211p

Brünn, Universita. Knihovna. Soupis komeňan; sest. Vladislav Dokoupil. The university '57 112p

Krasnovskil, Arkhip Alekseevich. Jan Amos Komenský [z ruského originálu přel. Ladislav Vacata, Vladimír Vymětal a kolektiv] (Knihovna pedagogických klasiků, new ser, v9) Státní pedagogické nakl. '55 p381-8

Prague. Městská lidová knihovna. Komeniana v Městské lidové knihovně; připravila: Hana Němcová. (Bibliog) The library '57 28p

Comenius Johann Amos. Selections; introd. by Jean Piaget [tr. from the Czech by Iris Urwin] UNESCO '57 p 178-83

COMIC books, strips, etc.

Blakeley, W. P. Reading of comic books by seventh-grade children. *El Sch J* 58:330 Mr '58

COMIC books, strips, etc.—Continued

- Fornwalt, Russell J. Comic books: educational and vocational. Big brother movement '55 8p annot
 Witty, P. A. and Sizemore, R. A. Reading the comics: a summary of studies and an evaluation. *El Engl* 32:113-4 F '55

COMMELINACEAE

See also

Spiderworts

COMMEMORATIVE volumes. *See* Festschriften

COMMERCE

- Business facts and figures on countries of the world. For *Comm W* 57:22-34 Mr 18 '57
 Chamber of commerce of the United States of America. Foreign commerce department. Foreign commerce handbook, 13th ed; basic information and a guide to sources. The chamber '59 p81-123
 Checklist of world trade information service reports and other current publications. November 1954-June, 1958. For *Comm W* 60:S 1-S 19 J1 '58
 Ellsworth, Paul Theodore. International economy, rev ed Macmillan '58 incl bibliog
 Felber, John E. ed. Imports to expand your business. Int. import index of new merchandise ptg. consultants '58 p23-5
 Gordon, Wendell Chaffee. International trade: goods, people, and ideas. Knopf '58 p633-47
 Guide for the prospective American importer; a handbk. on the principles of importing. Int. import index of new merchandise ptg. consultants '5-? p30-1
 Haberler, Gottfried. Survey of international trade theory. (Special papers in int. economics, no 1) Int. finance sec. Dept. of economics & sociology, Princeton univ. '55 p58-68
 Horn, Paul Valentine, and Gomez, Henry. International trade: principles and practices. 4th ed Prentice-Hall '59 incl bibliog
 New York (state). Department of commerce. Whys and hows of exporting for manufacturers. The department '58 p31-3
 Organization for European economic cooperation. Commerce international; théorie de l'échange int, politique commerciale int, libération des échanges. International trade; theory of int. trade, int. trade policy, trade liberalisation, 1950-1955. (Bibliogs, no2) The organization '56? 85p
 Pratt, Edward Ewing. Modern international commerce. Allyn '56 p621-30
 Woytinsky, Wladimir S. and Woytinsky, Emma Savely. World commerce and governments; trends and outlook. Twentieth century fund '55 p865-88
See also
 Business
 Communication and traffic
 Customs unions
 Foreign exchange
 Geography, Economic
 Harbors
 Inland water transportation
 Merchant marine
 Purchasing
 Retail trade
 Shipping
 Tariff
 Transportation
 Wholesale trade
- Directories**
See Trade directories
- History**
See also
 Commerce, Medieval
- Periodicals**
 Chamber of commerce of the United States of America. Foreign commerce department. Foreign commerce handbook, 13th ed; basic information and a guide to sources. The chamber '59 p 118-29
- Statistics**
See Commercial statistics
- COMMERCE, Medieval**
 Baldwin, J. W. Medieval theories of the just price; Romanists, canonists, and theologians in the twelfth and thirteenth centuries. *Am Philos Soc Trans* 49 no4:87-90 '59
 Origo, Iris (Cutting) marchesa. Merchant of Prato, Francesco di Marco Datini, 1335-1410. Knopf '57 p394-400

COMMERCIAL aeronautics. *See* Aeronautics. Commercial

COMMERCIAL art. *See* Art, Commercial

COMMERCIAL buildings

See also

Office buildings

COMMERCIAL education. *See* Business education

COMMERCIAL law

Carleton, P. A. Selected bibliography of legal aspects of international trade. (In Proehl, Paul O. ed. Legal problems of international trade. Univ. of Ill. press '59 p427-38)

See also

Contracts
 Foreign exchange
 Maritime law
 Railroad law
 Real property

Dominican Republic

Pan American union. Division of law and treaties. Selected bibliography on legal and related matters affecting business in the Dominican Republic. The division '53 5p

COMMERCIAL policy

Mariën, Spencer. Internationale handelspolitiek. Nederlandsche boekhandel '53 p236-48

See also

Customs unions
 Foreign trade regulation
 Free trade and protection
 Tariff

COMMERCIAL products

See also

Forest products

COMMERCIAL statistics

Chamber of commerce of the United States. Committee on business statistics. What's the answer: a brief guide to sources and business statistics. The committee '59 34p annot

Freund, John Ernst, and Williams, Frank Jefferson. Modern business statistics. Prentice-Hall '58 incl bibliog
 Stockton, John Robert. Business statistics. South-western pub. '58 p606-8

COMMITTEES, Educational

Bolan, Robert P. Handbook for Massachusetts school committees. (Public adm. study no2) Bur. of gov. research, Univ. of Mass. '57 p40-3

COMMON market. *See* European economic community

COMMONWEALTH of nations

Hewitt, Arthur Reginald. Guide to resources for Commonwealth studies in London, Oxford, and Cambridge, with bibliographical and other information. Athlone press '57 219p

Knaplund, Paul. Britain: commonwealth and empire, 1901-1955. Harper '57? p504-16

United States. Department of state. Office of intelligence research. Unpublished research on British Commonwealth, completed and in progress. (External research list 14.1) The office '53 32p

White, L. W. and Hussey, W. D. Government in Great Britain, the empire, and the commonwealth. Cambridge '57 p283-5
 —Same. 2d ed Cambridge '58 p286-8

COMMUNE de Paris, 1871. *See* Paris—History
 —Commune, 1871

COMMUNICABLE diseases

Bloomfield, Arthur Leonard. Bibliography of internal medicine: communicable diseases. Univ. of Chicago press '58 560p annot

Lovell, Reginald. Aetiology of infective diseases: with special reference to the subsidiary & important nonspecific factors. Mich. univ. press '59 p 129-32

Pediatric clinics of North America. Symposia on: Unusual infections of childhood; laboratory tests & special procedures, Feb, 1955. Saunders '55 incl bibliog

United States. Superintendent of documents. Diseases. (Price list 51A, 10th ed) U.S. Gov. ptg. office '59 9p

Wedum, A. G. and others. Laboratory design for study of infectious disease. *Am J Pub Health* 46:1113 S '56

Wells, William Firth. Airborne contagion and air hygiene; an ecological study of droplet infections. Harvard univ. press '55 p379-404

COMMUNICABLE diseases—Continued

Wilson, John Walter. Clinical and immunologic aspects of fungous diseases. (Am. lecture ser. pub. no324) Thomas '57 p245-70

See also

Bacteriology
Epidemics
Epidemiology
Immunity

Insects as carriers of disease
also under names of diseases, e.g. Diphtheria

COMMUNICABLE diseases in animals

Hagan, William Arthur, and Bruner, Dorsey William. Infectious diseases of domestic animals; with special reference to etiology, diagnosis, and biologic therapy. 3d ed (Comstock ser. in veterinary medicine) Comstock pub. associates '57 incl bibliog

Merchant, Ival Arthur. Outline of the infectious diseases of domestic animals. Burgess '57 incl bibliog

Meyer, Karl Friedrich. Zoonoses in their relation to rural health. (Calif. Univ. Pubs. in public health, v3, no 1) Univ. of Calif. press '55 p46-9

See also

Brucellosis in animals
Foot-and-mouth disease
Rickettsial diseases
Tuberculosis in animals

COMMUNICATION

Allen, W. H. Audio-visual communication research. J Educ Res 49:327-30 Ja '56

Articles on mass communications in magazines of the U.S.A. See numbers of Journalism quarterly

Balinsky, Benjamin, and Burger, Ruth. Executive interview; a bridge to people. Harper '59 p 199-204

Bibliography. See numbers of Gazette
Bibliography for Project on delayed auditory feedback by Samuel Sutton (and others) Dept. of psychiatry, College of physicians & surgeons, Columbia univ. '56 25p

Blackman, R. B. and Tukey, J. W. Measurement of power spectra from the point of view of communications engineering. Bell System Tech J 37:281-2, 567-9 Ja-Mr '58

Boyd, Malcolm. Crisis in communication; a Christian examination in mass media. Doubleday '57 p117-23

Bureau of social science research, Washington, D.C. International communication and political opinion; a guide to the literature [by] Bruce Lannes Smith and Chitra M. Smith. (Rand corp. Research studies) Princeton univ. press '56 325p

Cherry, Colin. On human communication; a review, a survey, and a criticism. (Studies in communication) Mass. inst. of technology; Wiley '57 p308-23 annot

Clark, Wesley Clarke, ed. Journalism tomorrow. Syracuse univ. press '58 p 121-9

Coblans, H. New methods and techniques for the communication of knowledge. Unesco Bul Lib 11:173-5 J1 '57

Conference on group processes. Group processes; transactions of the 3d Conference, 1956. Macy '57 incl bibliog

DeFleur, Melvin Lawrence and Larsen, Otto N. Flow of information; an experiment in mass communication. (Harper's social science ser) Harper '58 p285-93

Documentation. See numbers of Annales des télécommunications thru December 1957

Dodd, S. C. Formulas for spreading opinions. Pub Opinion Q 22:551-4 Winter '58-'59

Dunn, Samuel Watson. Advertising copy and communication. (McGraw-Hill ser. in advertising and selling) McGraw '56 incl bibliog

Educational policies commission. Mass communication and education. Nat. education assn. of the United States; Am. assn. of school administrators '58 p 131-5 annot

Emig, Elmer Jacob. General bibliography of references available on journalism and communications in the University of Florida. School of journalism & communications, Univ. of Fla. '57? 30p

Georgia. University. Henry W. Grady school of journalism. Bibliography—meaning your guide to what more than 200 of the country's top leaders in journalism have to say about the what, why, and how of communications. The school '58 11p

Hackett, Herbert, and others. Understanding and being understood. Longmans '57 incl bibliog

Harris, Robert T. and Jarrett, James L. Language and informal logic. Longmans '56 incl bibliog

Hershberger, William Delmar. Principles of communication systems. (Prentice-Hall electrical engineering ser) Prentice-Hall '55 incl bibliog

Hoch, Paul H. and Zubin, Joseph, eds. Psychopathology of communication. (Am. psychopathological assn. Proceedings of the annual meeting, 46th, 1956) Grune '58 incl bibliog

Hovland, Carl I. and others, eds. Order of presentation in persuasion. (Yale studies in attitude and communication, v 1) Yale univ. press '57 p 190-2

Janis, Irving Lester, and others. Personality and persuasibility. (Yale studies in attitude and communication, v2) Yale univ. press '59 p325-33

Katz, Elihu, and Lazarsfeld, Paul F. Personal influence; the part played by people in the flow of mass communications; with a foreword by Elmo Roper. (Foundations of communications research) Free press '55 p381-93

Klapper, J. T. What we know about the effects of mass communication; the brink of hope. Pub Opinion Q 21:471-4 Winter '57-'58

Language arts and fine arts; reviews the literature for a three-year period since Apr. 1952[-1955] R. Educ Res 25:73-188; 28:77-180 Ap '55, Ap '58

Master's theses in communication, 1954 to 1959. (In Chicago. University. Committee on communication. Studies in public communication, no2, The university '59 p77)

Nafziger, Ralph Otto, and White, David Manning, eds. Introduction to mass communications research. (Council on communications research. Journalism monographs, no6) La. state univ. press '58 incl bibliog

Pearson, Judson Bruce, and others. Message diffusion under uncontrolled conditions. (Univ. of Colo. studies. Ser. in sociology, no3) Univ. of Colo. press '57 p45-6

Phillips, David C. Oral communication in business. McGraw '55 incl bibliog

Redfield, Charles F. Communication in management; the theory and practice of administrative communication. rev ed Univ. of Chicago press '58 incl bibliog annot

Research abstracts. See numbers of Audio-visual communication review

Ruesch, Jurgen, and Kees, Weldon. Nonverbal communication; notes on the visual perception of human relations. Univ. of Calif. press '56 p 197-201

Selected bibliography in communication and communication arts. Teach Coll Rec 57:140-9 N '55

Singer, Tibor Eric Robert, ed. Information, and communication practice in industry. Reinhold '58 incl bibliog

Springer, George Peter. Early Soviet theories in communication. (Communications program. Linguistic project E/56-1) Center for int. studies. Mass. inst. of technology '56 p85-90

Steinberg, Charles Side. Mass communicators; public relations, public opinion, and mass media. Harper '58 p455-60

Survey of the periodicals. See numbers of Gazette

Thompson, Wayne N. Fundamentals of communication; an integrated approach. McGraw '57 incl bibliog

United Nations educational, scientific and cultural organization. Department of mass communication. Register of mass communication; research projects in progress and in plan. Bibliography of books and articles on mass communication published since 1 Jan. 1955. (Reps. and papers in mass communication, no 21; Current mass communication research, 1) UNESCO '57 60p

United Nations educational, scientific and cultural organization. Department of mass communication. World communications, press, radio, film, television; pictographs by the Netherlands statistical foundation. 3d ed UNESCO '56 p252-62

Zermans, Vincent Arthur, ed. Valiant heralds of truth; Pius XII and the arts of communication; with a commentary. Newman press '58 p 179-91

COMMUNICATION—Continued

Zelke, Harold Philip, and O'Brien, Harold James. Management-employee communication in action; with a foreword by Earl G. Planty. (Oral communication ser) Howard Allen '57 p 171-4 annot

See also

Books and reading
Cybernetics
Information theory
Language and languages
Moving pictures
Propaganda
Radio broadcasting
Speech
Television broadcasting

Research in progress

Anderson, M. A. and Staiger, R. C. Language arts research, 1956. *El Engl* 34: 245-53 Ap '57

Statistics

Chapin, Richard Earl. Mass communication; a statistical analysis. Mich. state univ. press '57 p 147-8

COMMUNICATION and traffic

Haight, F. A. Toward a unified theory of road traffic. *Operations Res* 6:825-6 N '58

National research council. Highway research board. Abatement of highway noise and fumes [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 110) The board '55 incl bibliog annot

National research council. Highway research board. Travel characteristics in urban areas [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 203) The board '58 p45-6, 98

See also

Aeronautics
Cables, Submarine
Canals
Postal service
Radio
Radio communication
Railroads
Roads
Shipping
Telecommunication
Telegraph
Transportation

COMMUNICATION in management

Keown, William Hamilton. Some dimensions of company-union downward communication (Wis. commerce reps, v4, no3) Bur. of business research & service, Univ. of Wis. '55 p 141-3

Sexton, R. and Staudt, V. Business communication: a survey of the literature. *J Social Psychol* 50:101-18 Ag '59

COMMUNION. See Lord's supper**COMMUNION tokens. See Tokens, Communion****COMMUNISM**

Anti-defamation league of E'nai Brith. Primer on communism; a fact-by-fact exposé. rev ed The league '55 incl bibliog

Brünn, Universita. Knihovna. Bibliografický průvodce ke klasikům marxismu-leninismu. (Na pomoc knihovníkům a čtenářům) Státní pedagogické nakl. '56 130p

Budapest. Fővárosi Szabo Ervin könyvtár. A Népek Bécsi Békakongresszusától a Békvilágutánc Budapesti Üléséig; válogatott folyóiratok bibliográfiája a békeharcról, 1952 december 12-1953, június 1. From the Vienna Congress of the peoples for peace to the session of the World peace council in Budapest; bibliog. of sel. articles on the fight for peace. The library '53 29p

Budapest. Fővárosi Szabó Ervin könyvtár. Szépirodalmi művek a SzKP történetének tanulmányozásához; bibliográfiai segédkönyv [összeállította: Köves Erzsébet] The library '54 400p

Ebenstein, William. Today's isms; communism, fascism, capitalism. 2d ed Prentice-Hall '58 incl bibliog

Gollwitzer, Helmut, and Lehmbruch, Gerhard. Kleiner wegweiser zum studium des Marxismus-Leninismus. 2d enl ed Publikationsstelle, Bundesministerium für gesamtdeutsche fragen '57 23p

Grynps, J. Marx et marxisme. *R Int Philos* 12 no3-4:366-87 '58

Ketchum, Richard M. ed. What is communism? introd. by Grayson Kirk. Dutton '55 p 190-1

Kirkpatrick, Evron Maurice, ed. Target: the world; Communist propaganda activities in 1955. Macmillan '56 p337-8

Kirkpatrick, Evron Maurice, ed. Year of crisis; Communist propaganda activities in 1956. Macmillan '57 p399-401

Mayo, Henry Bertram. Democracy and Marxism; with a foreword by Walter Bedell Smith. Oxford '55 p339-53 annot

Overstreet, Harry Allen, and Overstreet, Bonaro. What we must know about communism. Norton '58 p314-24

Skousen, Willard Cleon. Naked Communist. Ensign pub. co. '58 p317-22

United States. Library of Congress. Legislative reference service. World communism; a sel. annot. bibliog. prepared upon the request of the Dept. of public instruction, Commonwealth of Pennsylvania. The service '58 20p

Wilcox, Thomas. Anti-Bolshevik bibliography; a list of bks. pub. during the period 1918-1953, with an ideological orientation adverse to the program of world communism. The author '54 76p

Wilson, Raymond J. and others. Communism in five hours. (Five-Hour ser) Catholic students' mission '58 p83-6 annot

See also

Communitistic settlements
Dialectical materialism
International, Second
Socialism

History

Cole, George Douglas Howard. Communism and social democracy, 1918-1931. (History of socialist thought, v4) St Martins '58 2v v2. p897-917 annot

Dunayevskaya, Raya. Marxism and freedom, from 1776 until today; with a pref. by Herbert Marcuse. Bookman associates '58 p372-9 annot

Asia, Central

Park, Alexander Garland. Bolshevism in Turkestan, 1917-1927. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p389-412

China

Henderson, M. T. and others. Selected bibliography of Communist China in western languages. (In Rostow, Walt Whitman, and others. Prospects for Chinese Communist society. Center for int. studies, Mass. inst. of technology '54 xcii p at end)

Martinson, Harold H. Red dragon over China. Augsburg '56 p325-8

North, Robert Carver. Moscow and Chinese Communists. (Hoover inst. studies, Special studies) Stanford univ. press '53 p287-95

Price, Frank W. Selected bibliography of books, pamphlets and articles on Communist China and the Christian church in China. (Occasional bul. v9, no8) Missionary research lib. '58 21p

Steiner, H. A. Curriculum in Chinese socialist education: an official bibliography of Maoism. *Pac Affairs* 31:1286-99 S '58

Tang, Shêng-hao. Communist China today: domestic and foreign policies. Praeger '57 p505-16

Walker, Richard Louis. China under communism; the first five years. Yale univ. press '55 p329-35 annot

Wilbur, Clarence Martin, and How, Julie Lien-ying, eds. Documents on communism, nationalism, and Soviet advisers in China, 1918-27; papers seized in the 1927 Peking raid; with introd. essays. Columbia univ. press '56 p565-94 annot

Europe, Eastern

Spulber, Nicolas. Economics of Communist eastern Europe. (Technology press bks. in the social sciences) Mass. inst. of technology; Wiley '57 p489-507

France

Dale, Leon Andrew. Marxism and French labor. Vantage '56 p212-61

Guatemala

Schneider, Ronald M. Communism in Guatemala, 1944-1954; with a foreword by Arthur P. Whitaker. (Pa. Univ. Foreign policy research inst. ser, no7; Praeger pubs. in Russian history and world communism, no80) Praeger '59 p323-35

COMMUNISM—Continued

Hungary

- Helmreich, Ernst Christian, ed. Hungary: pub. for the Mid-European studies center of the Free Europe committee, (East-Central Europe under the Communists; Praeger pubs. in Russian history and world communism, v49) Praeger '57 p423-49

India

- Kautsky, John H. Moscow and the Communist party of India; a study in the postwar evolution of int. communist strategy. (Technology press bks. in the social sciences) Mass. inst. of technology '56 p203-7
- Overstreet, Gene D. and Windmiller, Marshall. Communism in India. Univ. of Calif. press '59 p579-86 annot

Russia

- Falk, Heinrich. Die weltanschauung des bolschewismus; der dialektische materialismus gemeinverständlich dargelegt. Echter-verlag '51 p61-2
- Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Sowjetische bücher—helfer beim aufbau des sozialismus in der Deutschen Demokratischen Republik; material zur durchführung von leserveranstaltungen zum Monat der deutsch-sowjetischen freundschaft. The institute '52? 23p
- Guins, George Constantine. Communism on the decline. Philosophical lib. '56 p279-82
- Kulski, Władysław Wszebór. Soviet regime: communism in practice, rev ed Syracuse univ. press '56 p817-30
- Same. 3d ed Syracuse univ. press '59 p475-511
- Laran, M. Sur les origines idéologiques de la révolution russe: les tendances de l'opposition en Russie, de la fin du XIX^e siècle à 1905 (d'après des ouvrages et articles étrangers récents) R Hist 220:95-110 J1 '58
- Shapiro, Leonard Bertram. Origin of the communist autocracy; political opposition in the Soviet state; first phase, 1917-1922. Harvard univ. press '55 p369-87
- Wetter, Gustavo Andrea. Der dialektische materialismus, seine geschichte und sein system in der Sowjetunion. 4th rev & enl ed Herder '58 p645-69
- Same; with title: Dialectical materialism; a historical and systematic survey of philosophy in the Soviet Union; tr. from the German by Peter Heath. Praeger '58 p562-93

Spain

- Cattell, David Tredwell. Communism and the Spanish civil war. (Calif. Univ. Pubs. in international relations, v4) Univ. of Calif. press '55 p249-67

United States

- Bibliography on the Communist problem in the United States. Fund for the Republic '55 474p
- Chase, Harold William. Security and liberty; the problem of native Communists, 1947-1955. (Short studies in political science, 27) Doubleday '55 incl bibliog
- Kampelman, Max M. Communist party vs. the C.I.O.; a study in power politics. Praeger '57 p271-80
- Stouffer, Samuel Andrew. Communism, conformity, and civil liberties: a cross-section of the Nation speaks its mind. Doubleday '55 p274-8

Yugoslavia

- Neal, Fred Warner. Titoism in action [the reforms in Yugoslavia after 1948] Univ. of Calif. press '58 p311-19

COMMUNISM and democracy

- Chamber of commerce of the United States. What the Communist offensive means to American business; a rep. of a special Nat. chamber com. organized to analyze the Communist economic offensive. The chamber '59 p 19-20

COMMUNISM and religion

- De Koster, Lester. All ye that labor: an essay on Christianity, communism and the problem of evil. (Pathway bks; contemporary evangelical studies) Eerdmans '56 p 125-8

- Tobias, Robert. Communist-Christian encounter in East Europe. School of religion press '56 p557-66
- Verkuyil, J. De geest van communisme en kapitalisme en het evangelie van Christus. Van Keulen '50 p 159-63

COMMUNIST education

- Steiner, H. A. Curriculum in Chinese socialist education: an official bibliography of Maoism. Pac Affairs 31:286-99 S '58

COMMUNIST party (Germany)

- Berthold, Lothar. Das programm der KPD zur nationalen und sozialen befreiung des deutschen volkes vom august 1930; die grundlage der politik der KPD zur herstellung der aktionseinheit und zur gewinnung der volksmassen für die lösung der lebensfragen der deutschen nation. Dietz '56 p289-303

COMMUNIST party (Poland)

- Dziewanowski, M. K. Communist party of Poland; an outline of history. (Harvard univ. Russian research center. Studies, 32) Harvard univ. press '59 p293-314 annot

COMMUNIST party (Russia)

- Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Bibliographie zur geschichte der kommunistischen partei der Sowjetunion. 2d ed Verlag für buch- und bibliothekswesen '55 78p

COMMUNITY and school

- American association of school administrators. Educational administration in a changing community. (Yrbk. 37) The association '59 p207-9
- Oklahoma commission on educational administration. Proceedings of the OCEA statewide workshop on school-community planning for better schools, the University of Oklahoma, December 14 & 15, 1955. The commission '56 p70-88

See also

Schools—Public relations

COMMUNITY centers

- Colborn, Fern M. Buildings of tomorrow: guide for planning settlements and community buildings. Whiteside '55 p 147-51
- Selected bibliography on neighbourhood houses and community centers. R Community Develop no 1:105-22 '58

See also

Playgrounds

COMMUNITY colleges. See Junior colleges

COMMUNITY education. See Fundamental education

COMMUNITY life

- McKee, Elmore McNeill. People act; stories of how Americans are coming together to deal with their community problems; foreword by Milton S. Eisenhower. Harper '55 p261-2 annot
- Pierce, Truman Mitchell, and others. Community leadership for public education. (Prentice-Hall education ser) Prentice-Hall '55 p299-307
- Sanders, Irwin Taylor. Community; an introd. to a social system. Ronald '58 incl bibliog
- Stoll, George. Laymen at work; how to meet human needs in your town; ed. by Albert L. Meiburg. Abingdon '56 p89-93 annot

See also

Social participation

COMMUNITY organization

- American society of planning officials. Guides for community planning; an annot. bibliography. rev ed The society '56 47p
- Arensberg, C. M. American communities. Am Anthropol 57:1160-2 D '55
- Colorado. Department of public welfare. Library. Community organization and group work. (Lib. counselor, v 14, no2) The library '59 25p annot
- Dunham, Arthur. Community welfare organization, principles and practice. Crowell '58 incl bibliog
- Hillery, G. A. Definitions of community: areas of agreement. Rural Sociol 20:120-3 Je '55
- Hunter, Floyd, and others. Community organization: action and inaction. Univ. of N.C. press '56 p259-63
- Kaufman, Harold Frederick, and others. Toward a delineation of community research; with special implications for community dynamics and with reference to the South. (Social science studies. Community ser, no4) Social science research center, Miss. state college '54 p23-56 annot

COMMUNITY organization—Continued

- Ross, Murray G. Community organization; theory and principles. Harper '55 p229-35
- Sower, Christopher, and others. Community involvement; the webs of formal and informal ties that make for action. Free press '57 p321-3
- Ware, Caroline Farrar. Organización de la comunidad para el bienestar social. Div. of labor & social affairs, Pan Am. union '54 p248-57
- Washington (state). State college, Pullman. Audio-visual center. Selected list of books on community planning. The center '56 5p annot

COMMUNITY schools**Taiwan**

- Rodd, W. G. Cross-cultural study of Taiwan's schools. J Social Psychol 50:34-6 Ag '59

COMMUNITY surveys. See Social surveys**COMMUTING**

- Hackh, Federico. Der personen-nahverkehr; begriffe, formen, mittel und ihn beeinflussende faktoren. Keller '55 p 107-16

COMPACTION of soils. See Soil compaction**COMPAGNIE générale transatlantique**

- Barbance, Marthe. Histoire de la Compagnie générale transatlantique; un siècle d'exploitation maritime; préf. de Roger Vercel. Arts & métiers graphiques '55 p423-7

COMPAGNONNAGES

- Briquet, Jean. Agricul Perdiguier, compagnon du tour de France et représentant du peuple, 1805-1875; avant-propos de Gaston Tessier; préf. de Georges Bourgin. (Bibliothèque d'histoire économique et sociale) Rivière '55 p429-57

COMPANIES, Stock. See Stock companies**COMPANS, Henri Ternaux-. See Ternaux-Compans, H.****COMPARATIVE economics**

- Hoover, Calvin Bryce. Economy, liberty, and the state. Twentieth cent. fund '59 p425-33

COMPARATIVE education. See Education, Comparative**COMPARATIVE government**

- Spiro, Herbert J. Government by constitution; the political systems of democracy. Random house '59 p466-75

COMPARATIVE musicology. See Music and race**COMPARATIVE philosophy. See Philosophy, Comparative****COMPARATIVE physiology. See Physiology, Comparative****COMPENSATION, Workmen's. See Workmen's compensation****COMPETITION**

- Abbott, Lawrence. Quality and competition; an essay in economic theory. Columbia univ. press '55 p217-20

- Anderson, Thomas Joel. Our competitive system, and public policy. South-western pub. '58 incl bibliog

- Andressen, Jacobus Eijje. De ontwikkeling van de moderne prijstheorie. Stenfort Kroese '55 p273-85

- Arrow, K. J. and Hurwicz, L. On the stability of the competitive equilibrium. Econometrica 26:551-2; 27:109 O '58-Ja '59

- Bain, Joe Staten. Barriers to new competition; their character and consequences in manufacturing industries. (Harvard univ. Ser. on competition in Am. industry, 3) Harvard univ. press '56 p319-21

- Bober, Mendell Morton. Intermediate price and income theory. Norton '55 incl bibliog
- Chamberlin, E. H. Second supplementary bibliography on monopolistic competition. Q J Econ 70:613-43 N '56

- Shubik, Martin. Strategy and market structure; competition, oligopoly, and the theory of games. Wiley '59 p371-8

See also

- Monopolies
Oligopolies
Supply and demand
Trusts, Industrial

COMPETITION (biology) See Struggle for existence**COMPETITIVE antagonists (metabolism) See Antimetabolites****COMPLEMENT fixation**

- Osler, A. G. Quantitative studies of complement fixation. Bact R 22:261-6 D '58

COMPLEMENTS (immunity)**See also****Complement fixation****COMPLETION tests**

- Rohde, Amanda Rhoda. Sentence completion method; its diagnostic and clinical application to mental disorders. Ronald '57 incl bibliog

COMPLEX compounds

- Schwarzenbach, Gerold. Complexometric titrations; tr. and rev. in collaboration with the auth. by Harry Irving. Interscience '57 108-25

COMPLEX ions**See also****Complex compounds****COMPOSERS. See Musicians****COMPOSERS, American**

- Edmunds, J. and Boelzner, G. Some twentieth century American composers. N Y Pub Lib Bul 63:341-54, 404-23 Jl-Ag '59

- Same; with additions and corrections [introd. essays by Peter Yates and Nicolas Slonimsky] N.Y. pub. lib. '59-'60 2v

COMPOSITAE

- Carlquist, Sherwin. Genus fitchia (compositae) (Calif. Univ. Pubs. in botany, v29, no 1) Univ. of Calif. press '57 p70-2

- Hu, S. Y. Statistics of compositae in relation to the flora of China. Arnold Arbor J 34:417-19 O '58

COMPOSITION (art)**See also**

- Architecture—Composition, proportion, etc.
Proportion (art)

COMPOSITION (printing) See Typesetting**COMPOSITION (rhetoric) See Rhetoric****COMPOST**

- Gotaas, Harold Benedict. Composting; sanitary disposal and reclamation of organic wastes. (Monograph ser, no31) World health organization '56 p 195-9

- Snell, J. R. Some engineering aspects of high-rate composting. Am Soc Civil Eng Proc 83 [SA I no 1178]:34-6 '57

COMPREHENSION in reading

- Maney, E. S. Literal and critical reading in science. J Exp Educ 27:63-4 S '58

- Sochor, E. E. Literal and critical reading in social studies. J Exp Educ 27:54-6 S '58

COMPRESSED air**See also****Air compressors****COMPRESSED gases. See Gases, Compressed****COMPRESSED wood. See Wood, Compressed****COMPRESSIBILITY**

- Gerard, George. Minimum weight analysis of compression structures. N.Y. univ. press '56 incl bibliog

- Pai, Shi-l. Introduction to the theory of compressible flow. Van Nostrand '59 incl bibliog

COMPRESSION wood

- Spurr, S. H. and Hyvärinen, M. J. Compression wood in conifers as a morphogenetic phenomenon. Bot R 20:557-60 N '54

COMPRESSORS**See also****Air compressors****COMPUTERS. See Electronic calculating machines****CONALLY, Thomas Terry, 1877-**

- United States. Library of Congress. Manuscript division. Tom Connally: a register of his papers in the Library of Congress. The library '58 31p

CONCENTRATION. See Attention**CONCENTRATION camps**

- Adler, H. G. Theresienstadt, 1941-1945; das antlitz einer zwangsgemeinschaft; gesellschaft, soziologie, psychologie. (Civitas gentium; quellenchriften zur soziologie und kulturphilosophie) Mohr '55 p697-749

United States

- California. University. Library. Japanese American evacuation and resettlement; catalog of material in the General lib. prepared by Edward N. Barnhart. The library '58 177p

CONCEPTION

- Touchberry, R. W. and others. Associations between service interval, interval from first service to conception, number of services per conception, and level of butterfat production. J Dairy Sci 42:1169-70 Jl '59

CONCEPTS and conception (psychology)

Nadelman, L. Influence of concreteness and accessibility on concept-thinking. *Psychol Reps* 3:210-12 Je '57

Pascal, G. R. and Jenkins, W. O. Hunter-Pascal concept formation test: an experimental approach to the measurement of cortical capacity. *J Clin Psychol* 15:163 Ap '59

CONCHOLOGY. See Mollusks; Shells**CONCILIATION, Industrial.** See Arbitration, Industrial**CONCRETE**

American society for testing materials. Cement and concrete [papers] presented at the 2d Pacific area nat. meeting [of the] Society [at] Los Angeles, Calif, Sept. 19 and 20, 1956. (Special technical pub. no205) The society '58 incl bibliog

American society for testing materials. Significance of tests and properties of concrete and concrete aggregates; a resumé of present information on the significance of the properties of concrete and concrete aggregates and the tests by which they are studied and determined. (Special technical pub. no 163) The society '56 incl bibliog

Blanks, Robert F. and Kennedy, Henry L. Technology of cement and concrete. Wiley '55 incl bibliog

Cement and concrete association, London. Bibliography of cement and concrete; list of books and papers in London libs. arr. in chronological order. 3d ed The association '52 96p

Hansen, Torben C. Creep of concrete; a discussion of some fundamental problems. (Meddelanden, no33) Svenska forskningsinstitutet för cement och betong, K. tekniska högskolan '58 p45-6

Kocataskin, F. Annotated bibliography on permeability and waterproofing of concrete. (Bibliog. no 13) Div. of building research, Nat. research council, Canada '58 43p

Møller-Sørensen, Poul. Nordisk beton bibliografi 1900-1953. Teknisk forlag '55 213p

National research council. Highway research board. Air voids in concrete and characteristics of aggregates [papers] presented at the 37th annual meeting Jan. 6-10, 1958. (Bul. 196) The board '58 p 16, 24, 44-5

National research council. Highway research board. Corrosion of reinforcing steel and repair of concrete in a marine environment [papers] presented at the 36th annual meeting, Jan 7-11, 1957. (Bul. 182) The board '58 p40-1

National research council. Highway research board. Curing of concrete, 1925-1955. (Bibliog. 18) The board '56 98p annot

National research council. Highway research board. Durability of concrete: physical aspects. (Bibliog. 20) The board '57 46p annot

National research council. Highway research board. Use of air-entrained concrete in pavements and bridges. rev ed (Current road problems, no 13-2R) The board '57 p 14-27

Nordby, G. M. Fatigue of concrete; a review of research. *Am Concrete Inst J* 30: 215-19 Ag '58

Orchard, Dennis Frank. Concrete technology. (Concrete lib) Contractors record '58 incl bibliog

Philleo, R. E. Comparison of results of three methods for determining Young's modulus of elasticity of concrete. *Am Concrete Inst J* 26:469 Ja '55

Stork, Juraj. Technológia betónu, s osobitným zreteľom na vodné stavby. Vydavateľstvo Slovenskej akad. vied '54 p 1074-1103

Thaulow, S. Tensile splitting test and high strength concrete test cylinders. *Am Concrete Inst J* 28:705-6 Ja '57

Troxell, George Earl, and others. Composition and properties of concrete. (McGraw-Hill civil engineering ser) McGraw '56 p391-424

United States. Army. Corps of engineers. Annotated bibliography concerning aggregates; 1940-1950. Ohio River division laboratories '53 212p

Valore, R. C. Insulating concretes. *Am Concrete Inst J* 28:530-2 N '56

Wakeman, C. M. and others. Use of concrete in marine environments. *Am Concrete Inst J* 29:854-6 Ap '58

See also

Asphalt
Cement
Pavements, Concrete

Testing

Fluck, P. G. and Washa, G. W. Creep of plain and reinforced concrete. *Am Concrete Inst J* 29:891-5 Ap '58

National research council. Highway research board. Alkali-aggregate reaction [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 171) The board '58 p 14-15, 32-3, 36

National research council. Highway research board. Effects of concrete characteristics on the pulse velocity; a symposium [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 206) The board '59 incl bibliog

National research council. Highway research board. Committee on durability of concrete—chemical aspects. Alkali-aggregate in concrete; a resume of field experience, laboratory tests for reactivity of aggregates, and a review of the fundamental research to show the mechanism of the reaction. (Research rep. 18-C) The board '58 incl bibliog

National research council. Highway research board. Committee on durability of concrete—chemical aspects. Chemical reactions of aggregates in concrete; identification of deleteriously reactive aggregates and recommended practices for their use in concrete. (Special rep. 31) The board '58 p 10-12

CONCRETE, Air entrained. See Concrete, Porous

CONCRETE, Light weight. See Concrete, Porous

CONCRETE, Porous

Jambor, Jaromír. Prevzdušnený betón. Vydavateľstvo Slovenskej akad. vied '58 p224-35

Mather, B. Permeability units. *Am Concrete Inst J* 26:938-9 My '55

CONCRETE, Prestressed

Cement and concrete association of Australia. Symposium on prestressed concrete, Sydney, 30th June-2nd July, 1953; proceedings. The association '53? incl bibliog

Leonhardt, Fritz. Spannbeton für die praxis. Ernst '55 p461-7

National research council. Highway research board. Prestressed concrete pavement research [papers] presented at the 36th annual meeting Jan. 7-11, 1957. (Bul. 179) The board '58 p 11-12, 31, 50

CONCRETE, Reinforced

Ferguson, Phil Moss. Reinforced concrete fundamentals; with emphasis on ultimate strength. Wiley '58 incl bibliog

Fluck, P. G. and Washa, G. W. Creep of plain and reinforced concrete. *Am Concrete Inst J* 29:891-5 Ap '58

Guralnick, S. A. Shear strength of reinforced concrete beams. *Am Soc Civil Eng Proc* 85 [ST 1 no 1909]:40-2 Ja '59

Hognestad, E. and others. Concrete stress distribution in ultimate strength design. *Am Concrete Inst J* 27:478-9 D '55

Large, George Elwyn. Basic reinforced concrete design: elastic and creep. 2d ed Ronald '57 incl bibliog

Mavis, F. T. and Greaves, M. J. Destructive impulse loading of reinforced concrete beams. *Am Concrete Inst J* 29:248-52 N '57

Yu, C. W. and Hognestad, E. Review of limit design for structural concrete. *Am Soc Civil Eng Proc* 84 [ST 8 no 1878]:24-8 D '58

CONCRETE construction

Cement and concrete association, London. Library. Catalogue of text and reference books. 5th ed The association '56 92p

Collins, Frank Thomas. Manual of precast concrete construction. 4th ed The author '55 p 100-101A annot

Current reviews of significant contributions in foreign and domestic publications. See numbers of American concrete institute. Journal

Feld, J. Failures of concrete structures. *Am Concrete Inst J* 29:469-70 D '57

Leonhardt, Fritz. Spannbeton für die praxis. Ernst '55 p461-7

Price, W. H. Erosion resistance of concrete in hydraulic structures. *Am Concrete Inst J* 27:270-1 N '55

CONCRETE construction—Continued

- Raafat, Aly Ahmed. Reinforced concrete in architecture. Reinhold '58 p233-6
 Sakhnovskii, K. V. Stahlbetonkonstruktionen; übers. aus dem russischen; Heinz Arthur Corazza. Verlag Technik '56 p841-6
 Yu, C. W. and Hognestad, E. Review of limit design for structural concrete. Am Soc Civil Eng Proc 84 [ST 8 no 1878]:24-8 D '58
See also
 Bridges, Concrete
 Grouting

CONCRETE mixers. *See* Mixing machinery

CONDENSATE wells. *See* Gas, Natural—Condensate wells

CONDIMENTS

See also
 Spices

CONDIT, Daniel Dale, 1886-1955

- Weeks, L. G. Daniel Dale Condit (1886-1955) Am Assn Pet Geol Bul 40:203-4 Ja '56
 Weeks, L. G. Memorial to Daniel Dale Condit (1886-1955) Geol Soc Am Proc 1955:118-19 Jl '56

CONDITIONED responses

- Adams, J. K. Laboratory studies of behavior without awareness. Psychol Bul 54:402-5 S '57
 Dmitriev, A. S. and Kochigina, A. M. Importance of time as stimulus of conditioned reflex activity. Psychol Bul 56:130-2 Mr '59
 Eysenck, H. J. Cortical inhibition, figural aftereffect, and theory of personality. J Abnorm & Social Psychol 51:105-6 Jl '55
 Franks, C. M. Conditioning and personality. J Abnorm & Soc Psychol 52:149-50 Mr '56
 Franks, C. M. Some fundamental problems in conditioning. Acta Psychol 14 no3:240-6 '58
 Fuchs, Rainer. Gewissheit, motivation und bedingter reflex; über ihre funktion in hypnose und im normalzustand. (Psychologia universalis; forschungsergebnisse aus dem gesamtgebiet der psychologie, v2) Hain '54 p 142-4
 Howe, E. S. GSR conditioning in anxiety states, normals, and chronic functional schizophrenic subjects. J Abnorm & Social Psychol 56:188-9 Mr '58
 Krasner, L. Studies of the conditioning of verbal behavior. Psychol Bul 55:166-70 My '58
 Larsson, Knut. Conditioning and sexual behavior in the male albino rat. (Acta psychologica gothoburgensia, 1) Almqvist '56 p256-63
 Lewis, D. J. Acquisition, extinction, and spontaneous recovery as a function of percentage of reinforcement and intertrial intervals. J Exp Psychol 51:42-3 Ja '56
 Moltz, H. Latent extinction and the fractional anticipatory response mechanism. Psychol R 64:240-1 Jl '57
 Razran, G. Backward conditioning. Psychol Bul 53:67-9 Ja '56
 Razran, G. Conditioning and perception. Psychol R 62:93-5 Mr '55
 Razran, G. Dominance-contiguity theory of the acquisition of classical conditioning. Psychol Bul 54:19-46 Ja '57
 Razran, G. Extinction re-examined and re-analyzed: a new theory. Psychol R 63:51-2 Ja '56
 Razran, G. Note on second-order conditioning—and secondary reinforcement. Psychol R 62:331-2 S '55
 Salzinger, K. Experimental manipulation of verbal behavior: a review. J Gen Psychol 61:89-94 Jl '59
 Seward, J. P. Drive, incentive, and reinforcement. Psychol R 63:202-3 My '56
 Smith, K. Conditioning as an artifact. Psychol R 61:224-5 Jl '54
 Spence, Kenneth W. Behavior theory and conditioning. (Yale univ. Mrs. Hepsa Ely Silliman memorial lectures) Yale univ. press '56 p245-55
 Spence, K. W. and Farber, I. E. Relation of anxiety to differential eyelid conditioning. J Exp Psychol 47:134 F '54
CONDORCET, Marie Jean Antoine Nicolas Caritat, marquis de, 1743-1794
 Granger, Gilles Gaston. La mathématique sociale du marquis de Condorcet. (Bibliothèque de philosophie contemporaine. Logique et philosophie des sciences) Presses univ. de France '56 p 167-75

CONDUCT of life

- Boyd, David. How to discover your better self; some insights into the dynamics of freedom. Vantage '59 p 153-6
 Henry, Antoine M. ed. Virtues and states of life, by a group of theologians; tr. by Robert J. Olsen and Genevieve T. Lennon under the direction of Louis J. Putz. (Theology lib, v4) Fides '57 incl bibliog
See also
 Character
 Christian life
 Ethics
 Etiquet
 Family life education
 Love
 Morale
 Spiritual life
 Virtues

CONDUCTING

- Bowles, Michael Andrew. Art of conducting. Doubleday '59 p204-10 annot

CONDUCTIVITY, Electric. *See* Electric conductivity

CONDUCTORS, Electric. *See* Electric conductors

CONFECTIONERY

- Sterling, C. Retrogradation in a starch jelly candy. Food Res 22:190-1 Mr '57
 United States. Agricultural research service. Southern utilization research and development branch. Candy bibliography, January 1944 to July 1954; comp. by Helen M. Robinson and Dorothy B. Skau. Southern regional research laboratory '55 154p
See also
 Ice cream

CONFEDERATE States of America

- Crandall, Marjorie Lyle. Confederate imprints; a check list based principally on the coll. of the Boston Athenæum; with an introd. by Walter Muir Whitehill. (Pubs, no 11) Robert Charles Billing fund, Boston Athenæum '55 2v

Foreign relations

- Owsley, Frank Lawrence. King Cotton diplomacy: foreign relations of the Confederate States of America; 2d ed, rev. by Harriet Chappell Owsley. Univ. of Chicago press '59 p559-75

History

- Wellman, Manly Wade. They took their stand; the founders of the Confederacy. Putnam '59 p239-44 annot

CONFERENCES. *See* Congresses and conventions

CONFLICT (psychology)

- Bobbitt, R. A. Repression hypothesis studied in a situation of hypnotically induced conflict. J Abnorm & Social Psychol 56:211-12 Mr '58

CONFORMAL mapping

- Jenkins, J. A. Univalent functions and conformal mapping. Ergeb Math ns no 18:160-7 '58

- Todd, John, ed. Experiments in the computation of conformal maps. (U.S. Nat. bur. of standards. Applied mathematics ser, 42) U.S. Gov. ptg. office '55 incl bibliog

CONFUCIUS and Confucianism

- Liu, Wu-chi. Confucius, his life and time. Philosophical lib. '55 p 180-3

CONGO, Belgian

- Hamburg. Welt-wirtschafts-archiv. Bibliothek. Länderabteilung Belgien und Belgisch-Kongo; 208 titel mit signaturen der bibliothek; stand februar 1951. (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung. no6) The library '51 22p

- Heyse, Théodore. Documentation générale sur le Congo et le Ruanda-Urundi, 1953-1955 [1-1955-1958] (Cahiers belges et congolais, no26, 31) G. van Campenhout '56-'58 2v

- Wattel, Pierre. Bibliographie des mémoires de l'Institut des territoires d'outre-mer. (Bibliographia belgica 11) G. van Campenhout '55 95p

CONGREGATION of the Sisters of St Felix. *See* Felician sisters of the Order of St Francis

CONGREGATIONALISM

See also

- Dissenters
 Unitarianism

CONGRESS (United States). *See* United States—Congress

CONGRESSES and conventions

Paris. Ecole nationale supérieure des mines. Catalogue de périodiques étrangers scientifiques, techniques, industriels reçus par les bibliothèques, instituts techniques et centres de documentation de Paris, dressés sous la direction de G. Dollfus par Mme J. Lesur et P.-M. Guelpa; suivi du Catalogue des congrès reçus par la bibliothèque de l'Ecole des mines rédigé par P.-M. Guelpa; préf. de Edmond Friedel; mise à jour au 1^{er} oct. 1953. The school '54 354p

United States. Library of Congress. General reference and bibliography division. Documents of international meetings. 1953: comp. by Robert W. Schaaf. The division '59 210p

See also

Treaties

CONGRESSES and conventions, Educational

Spence, John A. Conference handbook; planning and conducting conferences, insts, short courses, workshops. (News letter, v37, no3) Univ. of Tenn. '58 p28-30

CONGRESSIONAL investigations. See Government investigation

CONIFERS

Bannan, M. W. Relative frequency of the different types of anticlinal divisions in conifer cambium. Can J Bot 35:883-4 N '57

Duncan, D. P. Study of some of the factors affecting the natural regeneration of tamarack (*Larix laricina*) in Minnesota. Ecology 35:520-1 O '54

Florin, Rudolf. On the morphology and taxonomic position of the genus *Cycadocarpidium* Nathorst (coniferae) (Svenska vetenskapsakademien, Stockholm. Trädgård Bergielund. Acta horti bergiani, v16, no9) Almqvist '53 p272-5

Vaartaja, O. and Cram, W. H. Damping-off pathogens of conifers and of caragana in Saskatchewan. Phytopathology 46:396-7 JI '56

See also

Cycadocarpidium

Douglas fir

Redwood

CONJUGATION (biology)

See also

Heterothallism

CONJUNCTIVA

Diseases

Barfoed, Poul. Conjunctivas bakterieflora. Munksgaard '53 p 134-40

CONJUNCTIVITIS, Granular. See Trachoma

CONJURING

Hall, Trevor H. Bibliography of books on conjuring in English from 1580 to 1850. Jones '57 96p

Volkman, Kurt, and Tummers, Louis. Bibliographie de la prestidigitation. Cercle belge d'illusionisme '52 1v

CONKLIN, Edwin Grant, 1863-1952

Harvey, E. N. Edwin Grant Conklin. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p76-91)

CONNECTICUT

Industries and resources

Taber, Martha Van Hoesen. History of the cutlery industry in the Connecticut valley. (Smith college studies in history, v41) Dept. of history, Smith college '55 p 127-33

CONNECTIVE tissues

Kallio, Erkki. Skin arthroplasty of the hip joint and corresponding alioplastic methods in the light of a clinical study [tr. into English by Elvi Kaukokallio] (Acta orthopaedica scandinavica. Sup30) Munksgaard '58 p93-9

Kettunen, Kauko O. Skin arthroplasty in the light of animal experiments with special reference to functional metaplasia of connective tissue [tr. by Aune Tuomikoski] (Acta orthopaedica scandinavica. Sup29) Munksgaard '58 p71-5

Diseases

McKusick, Victor. A. Heritable disorders of connective tissue. Mosby '56 incl bibliog

CONNOR, Bernard, 1666-1698

Blumberg, E. S. and Blumberg, J. L. Bernard Connor (1666-1698) and his contribution to the pathology of ankylosing spondylitis. J Hist Med 13:364-6 JI '58

CONODONTS

Ethington, R. L. Conodonts of the ordovician galena formation. J Paleont 33:290-2 Mr '59

Glenister, A. T. Conodonts of the ordovician Maquoketa formation in Iowa. J Paleont 31:735-6 JI '57

Klapper, G. Upper Devonian conodont fauna from the Darby formation of the Wind River mountains. Wyoming. J Paleont 32: 1091-3 N '58

Klaus, J. and Müller, E. M. Early upper Devonian (Independence) conodonts from Iowa. J Paleont 31:1106-8 N '57

Rhodes, F. H. T. and Dineley, D. L. Devonian conodont fauna from southwest England. J Paleont 31:368-9 Mr '57

Stanley, E. A. Some Mississippian conodonts from the high resistivity shale of the Nancy Watson no. 1 well in northern Mississippi. J Paleont 32:475-6 My '58

Stone, G. L. and Furnish, W. M. Bighorn conodonts from Wyoming. J Paleont 33:227-8 Mr '59

CONQUEST, Right of

See also

Military occupation

CONRAD, Joseph, 1857-1924

Allen, Jerry. Thunder and the sunshine; a biography of Joseph Conrad. Putnam '58 p241-8

Colby, Robert A. Joseph Conrad, voyager through strange seas. Paul Klapper lib. Queens college '58 p8-12 annot

Jean-Aubry, Gérard. Sea dreamer; a definitive biography of Joseph Conrad; tr. by Helen Sebba. Doubleday '57 p295-312

Kryzanowski, L. Joseph Conrad. Polish R 2:136-40 Spring '57

Loh, Kenneth A. and Sheehy, Eugene Paul. Joseph Conrad at mid-century; eds. and studies, 1895-1955. Univ. of Minn. press '57 114p

Maser, F. E. Collection of the books of Joseph Conrad. Temple Univ Lib Bul 2:1-21 My '57 annot

Visiak, E. H. Mirror of Conrad. Philosophical lib. '56 p245-9 annot

CONSAQUINITY

Freire-Maia, N. Consanguineous marriages in Brazil. Eugenics Q 5:113-14 Je '58

Needham, R. Formal analysis of prescriptive patrilineal cross-cousin marriage. Sw J Anthropol 14:217-19 Summer '58

See also

Inbreeding

Incest

Kinship

CONSCIENTIOUS objectors

Peterson, Horace Cornelius, and Fite, Gilbert Courtland. Opponents of war, 1917-1918. Univ. of Wis. press '57 p351-71

CONSCIOUSNESS

Council for international organizations of medical sciences. Brain mechanisms and consciousness; a symposium; consulting eds: Edgar D. Adrian [and others] Blackwell '54 p514-50

Niedermeyer, E. Probleme der physiologie und pathophysiologie des bewusstseins. Halle Univ Wiss Z Math Naturw Reihe 7: 223-6 Ap '58

See also

Self

Subconsciousness

CONSERVATION of resources

Allen, Shirley Walter. Conserving natural resources; principles and practice in a democracy. McGraw '55 incl bibliog

Bathurst, Effie G. and Hill, Wilhelmina. Conservation experiences for children. (U.S. Office of education. Bul. 1957, no 16) U.S. Gov. ptx. office '57 p 186-92 annot

International union for the conservation of nature and natural resources. Proceedings and papers of the 6th technical meeting held at Edinburgh in June, 1956, simultaneously with the Union's 5th general assembly. Soc. for the promotion of nature reserves '57 incl bibliog

Michigan. Department of conservation. Office of information and education. Conservation teaching aids; a bibliog. of free and inexpensive buls, bks. and visual materials; prepared by R. D. Burroughs. The office '57 31p annot

Parson, Ruben L. Conserving American resources. Prentice-Hall '56 p501-32

Straus, Michael Wolf. Why not survive? Simon & Schuster '55 p271-2

See also

Reclamation of land

Soil conservation

Water conservation

Wildlife, Conservation of

CONSERVATION of resources—Continued**Study and teaching**

Burroughs, Raymond Darwin. Conservation teaching aids; a bibliog. of free and inexpensive buls, bks. and visual materials. Education div, Mich. dept. of conservation '55 30p annot

CONSERVATISM

Kirk, Russell Amos. Intelligent woman's guide to conservatism. Devin-Adair '57 p 115-16

Rossiter, Clinton Lawrence. Conservatism in America. Knopf '55 p310-27 annot

CONSERVATIVE party (Great Britain)

McKenzie, Robert Trelford. British political parties; the distribution of power within the Conservative and Labour parties. St Martins press '55 p602-8

CONSOLIDATIONS, Business. See Business consolidations and mergers**CONSTANT DE REBEQUE, Henri Benjamin, 1767-1830**

Œuvres; texte présenté et annoté par Alfred Roulin. (Bibliothèque de la Pléiade, 123) Gallimard '57 p25-34

CONSTITUTION of matter. See Matter—Constitution**CONSTITUTIONAL law**

Mohrroff, Federico. La dissolution des assemblées législatives dans les constitutions modernes; histoire, politique, droit constitutionnel et parlementaire comparé, procédure. Colombo '53 p355-79

See also

Administrative law

Civil rights

Delegation of powers

Judicial review

Legislative bodies

Legislative power

Martial law

Natural law

Proportional representation

Rule of law

CONSTITUTIONS

Cape, William H. Constitutional revision in South Dakota. (Rep. no39) Gov. research bur, State univ. of S.D. '57 p 104-6

See also

Italy—Constitution

United States—Constitution

CONSTRUCTION. See Architecture; Building; Engineering**CONSULATES.** See Diplomatic and consular service**CONSULTANTS**

Maddux, J. F. Consultation in public health. Am J Pub Health 45:1429-30 N '55

CONSUMER cooperatives. See Cooperation**CONSUMER credit**

Conference on consumer credit, Syracuse university. Consumer credit and the public; proceedings of the Conference held at Maxwell hall, Syracuse univ. Apr. 16, 1957; ed. Eric W. Lawson [and others] Business research center, College of business adm, Syracuse univ. '57 p51-6

Michigan. University. Bureau of business research. Consumer credit and the American family, a perspective analysis; proceedings of the Nat. consumer credit conference, Apr. 8, 9, 10, 1956. (Mich. business papers, no32) The bureau '56 p 125-39

Vredegoor, B. P. M. Het gezinscrediet in Nederland. Stenfort Kroese '52 p 137-42

Yoder, Lowell C. Consumer finance industry in Florida. Univ. of Fla. press '57 p 175-7

CONSUMERS

Clark, Lincoln Harold, and Carney, Joan B. eds. Consumer behavior; research on consumer reactions [contributors: Wroe Alderson and others] Harper '58 p 124-219, 282-307 annot

Cole, Robert Hartzell, ed. Consumer behavior and motivation; 1955 marketing symposium. Univ. of Ill, Oct, 1955. (Special bul) Bur. of economic & business research, College of commerce & business adm, Univ. of Ill. '56 p 118-21

Foundation for research on human behavior. Trends in consumer behavior: the next ten years; rep. of a seminar conducted by the Foundation, May 1-2, 1957 in Ann Arbor, Mich. and May 15-16, 1957 at the Princeton Inn, Princeton, N. J. The foundation '58 p45-7 annot

Lippitt, Vernon Garvey. Determinants of consumer demand for house furnishings and equipment. (Harvard economic studies, v 110) Harvard univ. press '59 p 157-62

Troelstrup, Archie William. Consumer problems and personal finance. 2d ed McGraw '57 incl bibliog

Wolf, Hans A. and others, eds. Motivation research, a new aid to understanding your market; a research report. Motivation research associates '55 p75-80

CONSUMPTION. See Tuberculosis**CONSUMPTION (economics)**

Book reviews. See numbers of Journal of marketing

Bössmann, Eva. Probleme einer dynamischen theorie der konsumfunktion. (Frankfurter wirtschafts- und sozialwissenschaftliche studien, no 1) Duncker & Humblot '57 p97-110

Cochrane, Willard Wesley, and Bell, Carolyn Shaw. Economics of consumption; economics of decision making in the household. McGraw '56 incl bibliog

Marketing articles in review. See numbers of Journal of marketing

Morgan, J. N. Consumer investment expenditures. Am Econ R 48:901-2 D '53

See also

Cost and standard of living

Prices

Supply and demand

CONTACT lenses

Obrig, Theodore Ernst, and Salvatori, Philip L. Contact lenses. Obrig laboratories '57 p736-64

CONTACTS, Electric. See Electric contacts**CONTAGIOUS diseases.** See Communicable diseases**CONTAINERS**

Maritime cargo transportation conference, 1957. Containerization in maritime transportation of general cargo; a partial bibliography. (Pub. 558) Nat. research council '57 25p annot

United States. Business and defense services administration. Containers and packaging division. Containers and packaging; basic information sources; ed. by Osker C. Reynolds. rev ed The division '55 20p

CONTINENTAL shelf

Holtedahl, H. Some remarks on geomorphology of continental shelves off Norway, Labrador, and southeast Alaska. J Geol 66:471 J1 '58

Mouton, Martinus Willem. Continental shelf. Nijhoff '52 p335-50

CONTRACT farming. See Integration (economics)**CONTRACTS***See also*

Labor contract

CONTROL engineering. See Automatic control**CONTROL equipment**

Bechtold, I. C. Take a look at the automated gasoline plant of 1975. Pet Refiner 36:139 Ap '57

Higgins, T. J. Résumé of the development and literature of nonlinear control-system theory. Am Soc Mech Eng Trans 79:448-9 Ap '57

Laning, J. Halcombe, and Battin, Richard H. Random processes in automatic control. (McGraw-Hill ser. in control systems engineering) McGraw '56 p424-9

Murphy, G. J. and Ormsby, R. D. Survey of techniques for the analysis of sampled-data control systems. Inst Radio Eng Trans AC-2:87-90 F '57

Stout, T. M. Basic methods for nonlinear control-system analysis. Am Soc Mech Eng Trans 79:502-3 Ap '57

Young, Alwyn Jack. Introduction to process control system design. Longmans '55 p371-4

See also

Automatic control

Servomechanisms

CONTROLLED fusion

Bishop, Amasa S. Project Sherwood; the U.S. program in controlled fusion. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 p 196-200

CONTROLLERSHIP

American management association. Reporting financial data to top management; conference handbk. pub. for distribution at the AMA special conference, April 10-12, 1957. The association '57 p 165-70

CONULARIDA

Sinclair, George Winston, and Richardson, Eugene Stanley. Bibliography of the conularida. (Bul. of Am. paleontology, v34, no 145) Paleontological research inst. '54 143p

CONVENTIONS. See Congresses and conventions

CONVERGENCE

Zeller, K. Theorie der limitierungsverfahren. *Ergeb Math ns* no 15:167-230 '58

CONVERTIBLE bonds

Rusch, Horst. Die wandelschuldverschreibung. (Berlin. Technische univ. Fakultät für wirtschaftswissenschaften. Betriebswirtschaftliche forschungen, v5) Duncker & Humblot '56 p 159-64

CONVEX bodies

Eggleston, Harold Gordon. Problems in Euclidean space; application of convexity; the Adams prize essay of the Univ. of Cambridge, 1955-6. (Int. ser. of monographs on pure and applied mathematics, v5) Pergamon '57 incl bibliog

CONVEYING machinery

London. Science museum. Science library. Some references to pneumatic conveyors (articles in periodicals, 1940-1955) (Bibliog. ser, no743) The library '56 5p

See also

Wire rope transportation

CONVICT labor

United States. Department of state. Division of library and reference services. Forced labor under communism; a sel. list of semi-popular books. (Bibliog. list 83) The services '52 7p

CONVULSIONS

Bevan, W. Sound-precipitated convulsions: 1947 to 1954. *Psychol Bul* 52:499-504 N '55

CONYNGHAM, Sir Gerald Ponsonby Lenox. See Lenox-Conyngham, G. P.

COOK, Frederick Albert, 1865-1940

Gibbons, Russell W. Historical evaluation of the Cook-Pearry controversy; a critique of the acceptance by history and reference works of the claims of Robert Edwin Peary against those of Frederick Albert Cook as to the discovery of the North pole, 1908-09. rev ed Dept. of history, Ohio northern univ. '54 15p at end

COOK, James, 1728-1779

Gwyther, John Michael. Captain Cook and the south Pacific; the voyage of the Endeavour, 1768-1771. Houghton '55 p263-4

COOKBOOKS. See Cookery

COOKE, Rose (Terry) 1827-1892

Downey, J. Rose Terry Cooke: a bibliography. *Bul Bibliog* 21:159-63, 191-2 My-S '55

COOKERY

How, where and why to read a cookbook. House Beautiful 99:146-9 F '57 annot
National book league. Selected books on food and cookery: annotated. The league '56 15p
Roosevelt, Nicholas. Creative cooking; introd. by Dione Lucas. Harper '56 p225-6 annot

Syrett, Stephanie. National cook books. (Special subject lists, no29) Lib. assn. '58 8p

United States. Superintendent of documents. Home economics. (Price list 11, 50th ed) U.S. Gov. ptg. office '59 16p

See also

Baking
Canning and preserving

COOKERY, American

Smallried, Kathleen Ann. Everlasting pleasure; influence on America's kitchens, cooks, and cookery, from 1565 to the year 2000. Appleton '56 p336-9

COOKERY, South African

McKee, John. Bibliography of South African cookery. School of librarianship, Univ. of Cape Town '51 42p

COOKERY for institutions, etc.

United States. Bureau of human nutrition and home economics. Partial list of recent publications related to food management in institutions. The bureau '53 10p

United States. Office of education. Quantity food preparation; a curriculum guide; suggested outline for secondary schools. (Circ. 526) U.S. Gov. ptg. office '58 p36-7

COOLE, Marcel, 1913-

Coole, Marcel. Achtnaton; drama in drie bedrijven, met aantekeningen door Paul van Keymeulen. (Bibliotheek van Vlaamse letteren, 1) Ontwikkeling '55 p 10

COOLEN, Antoon, 1897-

Renes, T. Bibliografie van Antoon Coolen tot 17 April 1957. Nijgh & Van Ditmar '57 48p

COOLEY'S disease. See Anemia

COOLIDGE, Susan, 1835-1905

Darling, F. C. Susan Coolidge. Horn Bk 35: 245-6 Je '59

COOLING

Ellington, R. T. and others. Absorption cooling process; a critical literature review. (Research bul. 14) Inst. of gas technology '57 43p

Esgar, J. B. and others. Research on application of cooling to gas turbines. *Am Soc Mech Eng Trans* 79:650-1 Ap '57

Grootenhuis, P. Mechanism and application of effusion cooling. *Roy Aero Soc J* 63:88-9 F '59

Westley, R. Bibliography and survey of the vortex tube. (COA note no9) Cranfield, [Eng] College of aeronautics '54 38p

COOLING, Industrial

See also

Quenching

COOLING towers

Mason, Paul M. and others. Engineers' bibliography on the design and operation of cooling towers. (Bul. 138) Tex. engineering experiment station '56 83p annot

COOPER, James Fenimore, 1789-1851

James Fenimore Cooper; a re-appraisal. *N Y Hist* 35 no4:365-568 '54 incl bibliog

COOPERATION

Bailey, Jack. British co-operative movement. (Hutchinson's univ. lib: Politics) Hutchinson '55 p 173-4

Bogardus, Emory Stephan. History of co-operation for discussion circles. Cooperative league of the U.S.A. '55 p84-91 annot

Food and agriculture organization of the United nations. Select bibliography on co-operation. Bibliographie sélective de la coopération. Bibliografía seleccionada del cooperativismo. The organization '57 84p annot

International labor office. Co-operation; a worker's educational manual. The office '56 p 153-7

International labor office. Library. Bibliography on cooperation. (Bibliog. contributions, no 14) The office '58 128p

Jerusalem. Jewish national and university library. Books on the cooperative movement. The library '54 58p

Moura, Valdik. Bibliografia brasileira do cooperativismo; pequeno ensaio de sistematização. (Coleção Que é o Brasil? 4) Casa do estudante do Brasil '51 132p

Publications and documents. See numbers of International labor office. Co-operative information

South Pacific commission. Une bibliographie de la coopération dans le Pacifique sud. rev ed (Doc. technique no51) Nouméa '53 14p

See also

Agriculture, Cooperative
Collective settlements
Cooperative societies
Profit sharing

United States

Holman, Charles William. Cooperative way wins America. Bargaining agency inc. Metropolitan cooperative milk producers '57 p88-9

COOPERATION, International. See International cooperation

COOPERATION, Library. See Library cooperation

COOPERATIVE associations. See Cooperative societies

COOPERATIVE associations, Agricultural. See Agriculture, Cooperative

COOPERATIVE education. See Education, Cooperative

COOPERATIVE societies

Greer, Paul. Co-operatives. the British achievement; foreword by Lord Williams; introd. by Marquis W. Childs. Harper '55 p 163-4

Hamilton, David Boyce. Consumer cooperation in New Mexico. (Business information ser, no26) Bur. of business research, Univ. of N.Mex. '55 incl bibliog

COOPERATIVE societies—Continued

Landis, Benson Y. New look at cooperatives and mutual businesses; a guide for study and discussion (for use in church and other groups) Nat. council of the churches of Christ in the U.S.A. '59 p29-31

Los Angeles county law library, Los Angeles. Selected books and articles on foundations, cooperatives, non-profit corporations. The library '59 3p

Pan American union. Division of labor and social affairs. Desarrollo del movimiento cooperativo en América. The division '54 p89-95

Patterson, Robert Trescott. Tax exemption of cooperatives. Claremont men's college '58 p 198-206

COOPERATIVE study of secondary school standards

Smith, M. E. and Hearn, A. C. Annotated bibliography of periodical literature pertaining to evaluative criteria, 1950 edition. Nat Assn Sec Sch Prin Bul 40:100-2 N '56 annot

COOS bay, Oregon

Washington (state). University. Department of oceanography. Coos bay, Oregon; a literature survey. The department '55 incl bibliog

COPELAND, Morris Albert, 1895-

Copeland, Morris Albert. Fact and theory in economics: the testament of an institutionalist; coll. papers, ed. with an introd. by Chandler Morse. Cornell univ. press '58 p343-7

COPENHAGEN

Copenhagen. Kommunebibliotekerne. København bibliografi; litteratur om København til 1950, ved Svend Thomsen [et al] The library '57-'58 2v

COPEPODA

Krishnaswamy, S. Notes on pelagic copepoda of the Madras coast. Madras Univ J secB 26:462-3 D '56

Marshall, Sheina M. and Orr, A. P. Biology of a marine copepod, calanus finmarchicus Gunnerus. Oliver '55 p 167-80

Whittaker, R. H. and Fairbanks, C. W. Study of plankton copepod communities in the Columbia basin, southeastern Washington. Ecology 39:62-5 Ja '58

See also

Cyclops

COPERNICUS, Nicolaus, 1473-1543

Baranowski, Henryk. Bibliografia kopernikowska, 1509-1955. Państwowe wydawn. naukowe '58 448p

Rosen, E. Maurolico's attitude toward Copernicus. Am Philos Soc Proc 101:192-4 Ap '57

COPPER

American metal company, limited. Technical survey OFHS brand copper; high conductivity oxygen free. The company '57 p 109-22 annot

Copper and copper alloys; a survey of technical progress during 1955[-1958] Metallurgia 53:103-7, 143-52; 55:109-20; 57:3-15; 59:88-92, 131-8 Mr-Apr '56, Mr '57, Ja '58, F-Mr '59

Leonardos, Othon Henry. Cobre no Brasil e no estrangeiro. (Aviso no 79) Brazil. Div. de fomento da produção mineral '56 p31

Metallurgy

Arbiter, N. Oxidized copper. Eng & Min J 158:85 Mr '57

Welding

Hook, I. T. Welding of copper and its alloys. Welding J 34:sup336-7 Jl '55

Hook, I. T. Welding of copper and its alloys. Am Soc Naval Eng J 67:986-90 N '55

COPPER alloys

Copper and copper alloys; a survey of technical progress during 1955[-1958] Metallurgia 53:103-7, 143-52; 55:109-20; 57:3-15; 59:88-92, 131-8 Mr-Apr '56, Mr '57, Ja '58, F-Mr '59

Hook, I. T. Welding of copper and its alloys. Welding J 34:sup336-7 Jl '55

Hook, I. T. Welding of copper and its alloys. Am Soc Naval Eng J 67:986-90 N '55

Versagi, F. J. Impurities in copper-base alloys. Foundry 83:107 D '55

COPPER in the body

Matrone, G. and others. Study of iron and copper requirements of dairy calves. J Dairy Sci 40:1446-7 N '57

COPPER industry and trade

Copper abstracts; a sel. of abstracts of literature on the utilisation of copper and its alloys. Copper development assn. See numbers

COPPER mines and mining

Eisenhuth, Karl Heinz, and Kautzsch, Eberhard. Handbuch für den kupferschieferbergbau. Fachbuchverlag '54 p311-21

COPPER ores

Aho, A. E. Geology and genesis of ultra-basic nickel-copper-pyrrhotite deposits at the Pacific nickel property, southwestern British Columbia. Econ Geol 51:480-1 Ag '56

Cornwall, H. R. Summary of ideas on the origin of native copper deposits. Econ Geol 51:627-31 N '56

Eisenhuth, Karl Heinz, and Kautzsch, Eberhard. Handbuch für den kupferschieferbergbau. Fachbuchverlag '54 p311-21

Wilson, Ivan Franklin, and Rocha, Victor S. Geology and mineral deposits of the Boleo copper district, Baja California, Mexico. (U.S. Geological survey. Professional paper 273) U.S. Gov. ptg. office '55 p 128-32

—Same; with title: Geología y depósitos minerales del distrito cuprífero del Boleo, Baja California, México; con una sección sobre el Contenido de cobre de las rocas por Michael Fleischer [et al] (Bol. no41) Inst. nacional para la investigación de recursos minerales '57 p375-91

COPPER plating

Passal, F. Copper plating during the last fifty years. Plating 46:637-8 Je '59

COPRA

Aten, Albert, and others. Copra processing in rural industries. (FAO agricultural development paper, no63) Food & agriculture organization of the United nations '58 p 114-21

COPROLITES

Amstutz, G. C. Coprolites; a review of the literature and a study of specimens from southern Washington. J Sed Petrol 28:506-8 D '58

COPROPHAGY

Barnes, R. H. and others. Effects of the prevention of coprophagy in the rat. J Nutrition 64:540; 65:113-14, 258; 67:610; 68:129-30 Ap-Je '58, Ap-May '59

COPROPHILOUS fungi. See Fungi, Coprophilous**COPTS**

Bibliographie copte, 1[-11] 1940-1948[-1958] Orientalia 18 no 1:100-20; no2:216-42; 19 no2:187-201; no3:295-327; 20:no3:291-305; no4:423-42; 21 no3:339-57; 22:39-63 (at end) 23:70-97 (at end) 24:54-76 (at end) 25:49-73 (at end) 26:116-39 (at end) 27:48-67 (at end) 28:91-144 (at end) '53-'59

COPULATION. See Sex behavior**COPY books. See Penmanship—Copy books****COPYING processes**

Doss, Milburn Price, ed. Information processing equipment; contributors: Hubbard W. Ballou [and others] Reinhold '55 incl bibliog

COPYRIGHT

American society of composers, authors and publishers. Copyright law symposium, number seven; Nathan Burkan memorial competition. Columbia univ. press '56 p227-37

Braband, C. Photographische vervielfältigung veröffentlichter werke für den persönlichen gebrauch. R Doc 24:146-8 N '57

Kupferman, Theodore R. and Foner, Mathews, eds. Universal copyright convention analyzed. Federal legal pubs. '55 p653-5

Nicholson, Margaret. Manual of copyright practice for writers, publishers, and agents. 2d ed Oxford '56 p255

Patents, trademarks and copyrights. Bsns & Tech Sources 28:1-8 Ja '57

Ransom, Harry Hunt. First copyright statute; an essay on An act for the encouragement of learning, 1710. Univ. of Tex. press '56 p 137-42

Valdés Otero, Estandislaio. Derechos de autor; régimen jurídico uruguayo; prólogo de Eduardo J. Couture. (Biblioteca de pubs. oficiales, sección III, 68) Facultad de derecho y ciencias sociales, Univ. de Montevideo '53 p381-83

Designs

United States. Copyright office. Bibliography on design protection; comp. and ed. by Barbara A. Ringer. The office '55 70p

COPYRIGHT—Continued

Music

Rothenberg, Stanley. Copyright and public performance of music. Nijhoff '54 p 177-9

Brazil

Carvalho, Oswaldo de. Bibliografia de direitos autorais. The author '56 20p

Switzerland

Switzerland. Laws, statutes, etc. Droit d'auteur suisse, annoté par Charles Dürr. Editions Aréthousa '53 incl bibliog

United States

Serrero, André. Protection des œuvres littéraires et artistiques étrangères aux Etats-Unis, les formalités; préf. de Jean Escarra. Lib. générale de droit & de jurisprudence '53 p 149-50

CORAL reefs and islands

Edean, R. and others. Ecology and distribution of intertidal organisms on certain islands off the Queensland coast. Australian J Marine & Freshwater Res 7:340-1 O '56

Newell, Norman Dennis. Geological reconnaissance of Raroia (Kon Tiki) atoll, Tuamotu archipelago. (Bul. v 109, article 3) Am. museum of natural history '56 p370-2

Sachet, Marie Hélène, and Fosberg, Francis Raymond. Island bibliographies; Micronesian botany, Land environment and ecology of coral atolls, Vegetation of tropical Pacific islands. (Pub. 335) Nat. research council '55 577p annot

Teichert, C. Cold- and deep-water coral banks. Am Assn Pet Geol Bul 42:1079-82 My '58

CORALS

Bayer, F. M. Descriptions and redescrptions of the Hawaiian octocorals collected by the U.S. Fish commission steamer Albatros. Pac Sci 10:94-5 Ja '56

Goreau, T. F. Physiology of skeleton formation in corals. Biol Bul 116:73-5 F '59

Watkins, J. L. Middle Devonian aluopod corals from the traverse group of Michigan. J Paleont 33:807-8 S '59

See also

Coelenterata

CORALS, Fossil

Duncan, H. Bighornia, a new ordovician coral genus. J Paleont 31:614-15 My '57

Greggs, R. G. Archaeocyatha from the Colville and Salmo areas of Washington and British Columbia. J Paleont 33:74-5 Ja '59

Middleton, G. V. Devonian tetracorals from south Devonshire, England. J Paleont 33:158-60 Ja '59

Minato, Masao. Japanese carboniferous and Permian corals. (Sapporo, Japan. Hokkaido univ. Faculty of science. Dept. of geology and mineralogy. Contribution no540) Japan soc. for the promotion of science '55 p55-62

Oliver, W. A. Significance of external form in some Onondagan rugose corals. J Paleont 32:837 S '58

Ross, M. H. Favositidae of the Hamilton group (middle Devonian of New York) Buffalo Soc Natural Sci Bul 21 no2:86-9 '53

Squires, Donald Fleming. Stony corals from the vicinity of Bimini, Bahamas, British West Indies. (Bul. v 115, article 4) Am. museum of natural history '58 p260-2

See also

Madreporaria, Fossil

CORDOVANI, Mariano Felice, 1883-1950

Spiazzi, Raimondo M. P. Mariano Cordovani dei Frati predicatori; pref. di G. B. Montini. Belardetti '54 2v v2, p607-12

CORE curriculum. See Education—Curricula—Core program

CORELLI, Arcangelo, 1653-1713

Pincherle, Marc. Corelli; his life, his work; tr. from the French by Hubert E. M. Russell. Norton '56 p226-30

COREY, Herbert, 1872-1954

United States. Library of Congress. Manuscript division. Herbert Corey; a register of his papers in the Library. The division '59 7p

CORINTH, Lovis, 1858-1925

Osten, Gert von der. Lovis Corinth. Bruckmann '55 p 180-1

CORK industry

Medir Jofra, Ramiro. Historia del gremio corchero. Editorial Alhambra '53 p589-91

CORN

Grotewold, Andreas. Regional changes in corn production in the United States from 1909 to 1949. (Research paper, no40) Dept. of geography, Univ. of Chicago '55 p76-8

Jones, Donald Forsha, and others. Pollen restoring genes. (Bul. 610) Conn. agricultural experiment station '57 p42-3

Maguire, M. P. Cytogenetic studies of zea hyperploid for a chromosome derived from tripsacum. Genetics 42:485-6 J1 '57

Nevens, William Barbour, and others. High-protein corn as a source of protein for dairy cows. (Bul. 586) Agricultural experiment station, Univ. of Ill. '55 p21

Shuback, Fred E. and Caldwell, A. C. Effects of fertilizers and stand on corn and of stand on soil moisture. (Technical bul. 214) Agricultural experiment station, Univ. of Minn. '55 p22-3

South Dakota. Natural resources commission. Corncoobs; their agricultural and industrial potential in South Dakota. Pierre '54 p23-5

Sprague, George Frederick. Corn and corn improvement. (Agronomy, 5) Academic press '55 incl bibliog

Wallace, Henry Agard, and Brown, William Lacy. Corn and its early fathers. Mich. state univ. press '56 p 133-4

Diseases and pests

Fleming, Attie Anderson, and others. Inheritance in maize of reaction to European corn borers and its relationship to certain agronomic characters. (Technical bul. 226) Agricultural experiment station, Univ. of Minn. '58 p31-2

Koehler, Benjamin. Pericarp injuries in seed corn: prevalence in dent corn and relation to seedling blights. (Bul. 617) Agricultural experiment station, Univ. of Ill. '57 p70-2

Orillo, F. T. Leaf spot of maize caused by helminthosporium maydis. Philippine Ag 36:373-5 D '52

Viado, G. E. and others. Some organic insecticides in the control of the corn earworm and the corn borer on green corn. Philippine Ag 41:409-11 D '57

Wood, Jessie Ida, and Lipscomb, Bernard Roland. Spread of puccinia polysora with a bibliography on the three rusts of zea mays. (Special pub. no9) Horticultural crops research branch, U.S. Agricultural research service '56 p22-59

See also

European corn borers

CORN borers, European. See European corn borers

CORNEA

Thomas, Charles I. Cornea. Thomas '55 incl bibliog

CORONA (electricity)

Uhlig, Charles Arthur Edward. Untersuchungen über die ultrakorona-entladung. Juris-verlag '54 p325-32

CORONATION stone (Great Britain) See Stone of Scone

CORONATIONS

British broadcasting corporation. Library. List of books on coronations. The corporation '53 23p

CORONELLI, Vincenzo, 1650-1718

Miscellanea francescana (periodical). Il p. Vincenzo Coronelli dei Frati minori conventuali 1650-1718, nel III centenario della nascita. (Numero speciale) The periodical '51 p341-490

CORPORATE state

Simonett, Martin. Die berufsständische ordnung und die politik. Respublica-verlag '51 p 114-23

CORPORATIONS

Copeman, G. H. Leaders of British industry; a study of the careers of more than a thousand public co. directors. Gee '55 p 169-70

Los Angeles county law library. Los Angeles. Selected books and articles on foundations, cooperatives, non-profit corporations. The library '59 3p

Vernon, Guy. Le président directeur général dans les sociétés anonymes. Librairie générale de droit & de jurisprudence '52 p 155-8

See also

Government corporations

Public utilities

Stock companies

Trusts, Industrial

CORPORATIONS—*Continued*

Charitable contributions

- Committee on corporate giving in Canada. Corporate giving in Canada; ed. by Albert A. Shea. Clarke, Irwin '53 p 145-8

Finance

- Bradley, Joseph Francis. Fundamentals of corporation finance, rev ed Rinehart '59 incl bibliog
 Donaldson, Elvin Frank. Corporate finance. Ronald '57 p839-47
 Guthmann, Harry George, and Dougall, Herbert Edward. Corporate financial policy. 3d ed Prentice-Hall '55 p724-66
 Osborn, Richards Clinton. Corporation finance. Harper '59 incl bibliog
 Pilcher, C. James. Raising capital with convertible securities. (Mich. business studies, v 12, no2) Bur. of business research, School of business adm, Univ. of Mich. '55 p 144-8
 Taylor, William Bayard. Financial politics of business enterprise; 2d ed. by [the auth] with the collaboration of Frank M. Graner. Appleton '56 p659-68

Foreign subsidiaries

- Princeton university. Industrial relations section. Industrial relations problems of United States corporations abroad. (Sel. references, no 78) The section '57 4p annot

Taxation

- DePodwin, Horace J. Discharging business tax liabilities; with a foreword by Carl S. Shoup. Rutgers univ. press '56 p 155-61
 Holzman, Robert S. Corporate reorganizations; their federal tax status. 2d ed Ronald '55 pA 1-A4
 Holzman, Robert S. Tax on accumulated earnings. Ronald '56 p 115-16
 Simoneaux, Mervin J. Accelerated depreciation tax advantages and corporate income determination. (La. business bul. v 19, no 1) Div. of research, College of commerce, La. state univ. '57 p60-2

Canada

- Harvard university. Graduate school of business administration. Baker library. Studies in enterprise; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen; Lorna M. Daniells, compiler. The library '57 169p
 —Studies in enterprise, 1958; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen; comp. by L. M. Daniells. Bsns Hist R 33:217-43 Summer '59

United States

- Harvard university. Graduate school of business administration. Baker library. Studies in enterprise; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen; Lorna M. Daniells, compiler. The library '57 169p
 —Studies in enterprise, 1958; a sel. bibliog. of Am. and Canadian company histories and biographies of businessmen; comp. by L. M. Daniells. Bsns Hist R 33:217-43 Summer '59

CORPORATIONS, Government. See Government corporations

CORPULENCE

- Bruch, Hilde. Importance of overweight. Norton '57 p422-30
 Burchinal, L. G. and Eppright, E. S. Test of the psychogenic theory of obesity for a sample of rural girls. Am J Clin Nutrition 7:294 My '59
 Gelvin, E. Philip, and McGavack, Thomas Hodge. Obesity: its cause, classification, and care. Harper '57 p 133-40
 Iowa. State college of agriculture and mechanic arts, Ames. Weight control; a coll. of papers presented at the weight control colloquium. Iowa state college press '55 incl bibliog
 Mickelsen, O. and others. Experimental obesity. J Nutrition 57:553-4 D '55
 Olson, R. E. Research, fads, and practical dietetics. Am Diet Assn J 31:781-2 Ag '55
 Young, C. M. and others. Weight reduction in obese young men. J Nutrition 61:454-6 Mr '56

CORPUS luteum

See also Progesterone

CORREIA, Raymundo, 1860-1911

Val, Waldir Ribeiro do. Raimundo Correia, estudante. (Os novos) Serviço de documentação, Brazil, Ministério da educação e cultura '55 p99-114

CORRELATION (statistics)

- Haggard, Ernest Alexander. Intraclass correlation and the analysis of variance; with an app. by Hari C. Gupta. Holt '58 p 157-63
 Kruskal, W. H. Ordinal measures of association. Am Stat Assn J 53:857-61 D '58
 Tryon, Robert Choate. Identification of social areas by cluster analysis; a general method with application to the San Francisco Bay area (Calif. Univ. Pubs. in psychology, v8, no 1) Univ. of Calif. press '55 p98-9
 Weinstein, A. S. Alternative definitions of the serial correlation coefficient in short autoregressive sequences. Am Stat Assn J 53:891-2 D '58
 Zwilling, V. T. Prediction of the index at graduation from the grades in seven required courses. J Educ Res 51:510-12 Mr '58

See also

Factor analysis

CORRELATION of abilities

- Burley, L. R. and Anderson, R. L. Relation of jump and reach measures of power to intelligence scores and athletic performance. Res Q 26:34-5 Mr '55

CORRELATION of school subjects. See Integration (education)

CORRODENTIA

See also

Psocids

CORROSION and anti-corrosives

- API survey shows few amine corrosion problems. Pet Refiner 37:281-3 N '58
 American society for testing materials. Symposium on atmospheric corrosion of non-ferrous metals, presented at the 58th annual meeting, Atlantic City, N.J., June 29, 1955. (Special technical pub. no 175) The society '56 incl bibliog
 Analyses d'articles techniques. See numbers of Mécanique documentation thru 1956?
 Anderson, D. R. and Manlik, F. P. Sulfuric acid corrosion in oil-fired boilers; studies on sulfur trioxide formation. Am Soc Mech Eng Trans 80:1236-7 Ag '58
 Ash, Simon Harry, and others. Corrosive and erosive effects of acid mine waters on metals and alloys for mine pumping equipment and drainage facilities; anthracite region of Pennsylvania. (U.S. Bur. of mines. Bul. 555) U.S. Gov. ptg. office '55 p44-6
 Benton, Mildred Catherine. Corrosion in engine cooling systems containing aluminum; a literature survey. (Bibliog. no5) Naval research laboratory '55 30p
 Benton, Mildred Catherine. Pitting in ferrous systems; an annot. bibliography. Bibliog. no. 11) U. S. Naval research laboratory '57 117p
 Bibliographies of corrosion products. Corrosion 13:33-8 S '57
 Brasunas, Anton de S. and Stansbury, Ele Eugene, eds. Symposium on corrosion fundamentals; a ser. of lectures presented at the Univ. of Tenn. corrosion conference at Knoxville on Mar. 1, 2, 3, 1955. Univ. of Tenn. press '56 incl bibliog
 Cazaud, Roger. Le frottement et l'usure des métaux, les anti-frictions; préf. de J. Cournot. Dunod '55 incl bibliog
 Corrosion abstracts. See numbers of Corrosion
 Deltombe, E. and Pourbaix, M. Electrochemical behavior of aluminum. Corrosion 14:20 N '58
 DePaul, D. J. ed. Corrosion and wear handbook for water-cooled reactors. McGraw '57 incl bibliog
 Electrochemical society. Corrosion division. Stress corrosion cracking and embrittlement; a symposium, arr. by the Division, Boston, Oct. 1954; ed. by William D. Robertson. (Electrochemical soc. ser) Wiley '56 incl bibliog
 Greene, N. D. and Fontana, M. G. Critical analysis of pitting corrosion. Corrosion 15: 46-7 Ja '59
 Hodge, W. and others. Metallic materials resistant to molten zinc. J Metals 7:832 JI '55

CORROSION and anti-corrosives—Continued

- Hume, J. S. Corrosion of oil-industry storage tanks. *Oil & Gas J* 55:153-4+ N 11 '57
- King, G. R. How to reduce hydrogen attack. *Pet Ref* 35:123 Ja '56
- McConomy, H. F. Literature survey of corrosion in cooling-water systems—1940-1953. *Am Pet Inst Proc* 35(3):32-79 '55 annot
- MacCormack, Robert S. and others. Bibliography on the corrosion of aluminum in water. (U.S. Atomic energy comm. CU 153) Technical information service '53 99p
- National association of corrosion engineers. Bibliographic survey of corrosion, 1950-1951 [-1954-1955] (Pub. no55-4, 56-11, 58-1) The association '55-58 3v
- National research council. Highway research board. Corrosion of reinforcing steel and repair of concrete in a marine environment (papers) presented at the 36th annual meeting, Jan 7-11, 1957. (Bul. 182) The board '58 p40-1
- Oppenheimer, C. H. How to detect and control corrosion-causing bacteria. *World Oil* 147:147 D '58
- Organization for European economic cooperation. Corrosion problems and prevention in the chemical and petro-chemical industries in the USA. Technical assistance mission no 130 '54 incl bibliog
- Pospišil, Rudolf. Antikorozi a žaruvzdorné oceli. Státní nakl. technické literatury '56 p226-33
- Ritter, Franz. Korrosionstabellen metallischer werkstoffe geordnet nach angreifenden stoffen. 3d enl ed Springer '52 p237-64
- Same. 4th enl ed Springer '58 p286-90
- Romanoff, Melvin. Underground corrosion. (U.S. Nat. bur. of standards. Circ. 579) U.S. Gov. pgt. office '57 p 195-202
- Schab, H. W. Bibliography of a decade of research on oil-ash corrosion by heavy fuels (1945-1958) *Am Soc Naval Eng J* 70:761-71 N '58 annot
- Seymour, Raymond Benedict, and Steiner, Robert Henry. Plastics for corrosion-resistant applications. Reinhold '55 incl bibliog
- Tulsa. Public library. Technical department. Corrosion. (Petroleum bibliog, no36) The library '55 38p
- Wakeman, C. M. and others. Use of concrete in marine environments. *Am Concrete Inst J* 29:554-6 Ap '58
- Warren, J. O. Effect of sigma phase vs chromium carbides on the intergranular corrosion of type 316 and 316L stainless steel. *Corrosion* 15:69-70 Ap; 28 My '59
- See also
- Iron—Corrosion
- Protective coatings
- Steel—Corrosion

CORRUPTION (in politics)

See also

Lobbying

CORSAIRS. See Pirates**CORTÉS, Hernando, 1485-1547**

Valle, Rafael Heliodoro. Bibliografía de Hernán Cortés. (Soc. de estudios cortesianos. Pubs. no7) Ed. Jus '53 269p

CORTI, Egon Caesar, conte, 1886-1953

Corti, Egon Caesar, conte. Die wahrheit spricht das urteil; leben und werk dargestellt von Friedrich Wallisch. (Das österreichische wort; Stiasny-bücherel, v23) Stiasny '57 p 125-7

CORTISONE

- Carstam, Nils. Effect of cortisone on the formation of tendon adhesions and on tendon healing: an experimental investigation in the rabbit [tr. by L. James Brown] (Sup 182) *Acta chirurgica scandinavica* '53 n 105-11
- Coker, C. M. Effects of cortisone on trichinella spiralis infections in non-immunized mice. *J Parasitol* 41:504 O '55
- Kalter, H. Factors influencing the frequency of cortisone-induced cleft palate in mice. *J Exp Zool* 134:465-6 Ap '57
- Merck and company, incorporated. Cortone (cortisone, Merck) and related hormonal substances. (Annot. bibliog. 4) The company '52 99p
- Merck and company, incorporated. Hydrocortisone and cortisone. (Merck service bul) The company '56 656-186
- Strain, Lyon Peter. Cortisone in dentistry. Dental items of interest pub. co. '57 incl bibliog
- Whitmore, C. E. and Downs, C. M. Effects of cortisone on experimental murine typhus. *J Bact* 74:423-4, 431, 437-8 O '57

CORVO, Frederick, baron, pseud. See Rolfe, F. W.

COSMETICS

Sagarin, Edward, ed. Cosmetics, science and technology; editorial board: H. D. Goulden [and others] Interscience pubs. '57 incl bibliog

COSMIC physics

- Dungey, James Wynn. Cosmic electrodynamics. (Cambridge monographs on mechanics and applied mathematics) Cambridge '58 p 175-82
- Lehnert, B. O. ed. Electromagnetic phenomena in cosmical physics. (Int. astronomical union. Symposium no6) Cambridge '58 incl bibliog
- Van Allen, James Alfred, ed. Scientific uses of earth satellites. Univ. of Mich. press '56 incl bibliog

COSMIC rays

- Eckhardt, D. On the increase in cosmic ray intensity and the electromagnetic state in interplanetary space during the solar flare of Feb. 23, 1956. *Tellus* 10:135-6 F '58
- Panara, R. Annotated bibliography on cosmic rays in the atmosphere (1956-1958) *Meteorol Abst & Bibliog* 9:1141-62 S '58
- Rice, M. L. and Thuronyi, G. Annotated bibliography on cosmic rays in the atmosphere <1953-1956> *Meteorol Abst & Bibliog* 7:488-531 Ap '56
- Venkatesan, D. Magnetic storm effects and the interplanetary electromagnetic state. *Tellus* 9:219 My '57
- Venkatesan, D. Solar activity and transient decreases in cosmic-ray intensity. *J Geophys Res* 64:520 My '59
- Wilson, John Graham, ed. Progress in cosmic ray physics; contributors: U. Camerini [and others] Interscience '52-'54 2v incl bibliog

COSMOGONY

Kukarkin, B. V. Erforschung der struktur und entwicklung der sternsysteme auf der grundlage des studiums veränderlicher sterne; übers. aus dem Russischen von Fritz Bartels. Akademie-verlag '54 p 127-33

See also

Life (biology)—Origin

COSMOLOGY

- Benton, Mildred Catherine. Cosmological theories: ancient mythology and modern science; a sel. reading list of bks. and periodical articles. (Bibliog. no6) U.S. Naval research laboratory '55 18p
- Gatland, Kenneth William, and Dempster, Derek D. Inhabited universe: an inquiry staged on the frontiers of knowledge. McKay '58 p 173-8 annot
- Koestler, Arthur. Sleepwalkers; a history of man's changing vision of the universe; with an introd. by Herbert Butterfield. Macmillan '59 p611-13
- Macklem, Michael. Anatomy of the world: relations between natural and moral law from Donne to Pope. Univ. of Minn. press '58 p97-9
- Munitz, Milton Karl, ed. Theories of the universe; from Babylonian myth to modern science. (Lib. of scientific thought) Free press '57 p430-2
- Scientific American. (periodical). Universe. Simon & Schuster '57 p 139-42
- Whitrow, G. J. Structure and evolution of the universe; an introd. to cosmology. Harper '59 p203-5
- See also
- Astronomy
- Creation
- COST**
- Andriessen, Jacobus Eife. De ontwikkeling van de moderne priistheorie. Stenfert Kroese '55 p273-85
- Metzner, Max. Kostengestaltung, preisbildung und marktprobleme. Duncker & Humblot '53-'54 2v v 1, p 155-60; v2, p 164-77
- See also
- Costs, Industrial
- Value
- COST accounting**
- Accounting for research and development costs. NACA Bul 36:1437 Je '55
- Beyond these covers. See numbers of N.A.A. bulletin
- Gillespie, Cecil Merle. Cost accounting and control. Prentice-Hall '57 p796-804 annot
- Mackenzie, D. G. Looking around. Harvard Bsns R 35:141-2+ Ja '57

COST accounting—Continued

Medicke, Werner. Die geminkosten in der plankostenrechnung. (Berlin. Technische univ. Fakultät für wirtschaftswissenschaften. Betriebswirtschaftliche forschungen, v6) Duncker & Humblot '56 p 131-4

Notes on current reading. See numbers of N.A.A. bulletin

Patrick, A. Weyman. Theory and technique of cost accounting in the hosiery industry. (Mich. business studies, v 12, no3) Bur. of business research, Univ. of Mich. '56 p216-25

Raphael, M. Cost accountant's corner. Bsns Lit 30:9-10 Ja '58 annot

Raphael, M. For the cost accountant's easy chair. Bsns Lit 28:113-14 Ja '56

Thomas, William Edgar, ed. Readings in cost accounting, budgeting, and control; sponsored by and pub. under the auspices of Am. accounting association. South-Western pub. '55 p778-85

COST and standard of living

International association for research in income and wealth. Bibliography on income and wealth, 1937-47:1953-54 (V 1-6) Bowes & Bowes '52-'53 6v annot

See also

Family allowances
Prices

France

Chombart de Lauwe, Paul Henry. La vie quotidienne des familles ouvrières; recherches sur les comportements sociaux de consommation. (Travaux) Centre d'études sociologiques, Centre nat. de la recherche scientifique '56 p263-70

Latin America

Inter American statistical institute. Costo de la vida y materias afines: lista de referencias bibliográficas escogidas sobre trabajos metodológicos. Pan Am. union '55 27p

United States

Stanton, Janet (Richards) and Mount, Robert Ross. Levels of living of U.S. farm families; sel. annot. references, 1940-1955. (U.S. Dept. of agriculture. Misc. pubs, no746) U.S. Gov. ptg. office '57 52p

COSTA RICA

Historia de la bibliografía costarricense. Asoc Costarricense Bibl Bol 1:27-40 Mr '58

COSTILLA, Miguel Hidalgo y. See Hidalgo y Costilla, M.

COSTS, Industrial

American management association. Reducing production overhead; AMA special conference, Jan. 10-11, 1955. The association '55 p 121-3

COSTUME

Choleau, Jean, ed. Costumes et chants populaires de Haute-Bretagne, accompagnés de nombreuses illustrations et notes. U. Arvor '53 p253-5

Costume index; supplement; a subject index to plates and to illustrated text; ed. by Isabel Stevenson Monro, and Kate M. Monro. Wilson '57 p 191-210 annot

Hansen, Henny Harald. Costumes and styles; 685 examples of historic costume in color. Dutton '56 p 155

See also

Arms and armor
Clothing and dress
Cosmetics
Dressmaking
Fashion
Indians of North America—Costume and adornment
Uniforms, Military

History

Binder, Pearl. Muffs and morals. Morrow '55 p248-9

Bosnia and Herzegovina

Lopac, Matija. Bibliografski podaci o narodnoj nošnji i narodnom vezu u Bosni Hercegovini. The author '50 423-35p

Great Britain

Cunnington, Cecil Willett, and Cunnington, Phillis. Handbook of English costume in the eighteenth century. Dufour eds. '57 p 416-21

Italy**History**

Vocino, Michele. Storia del costume; venti secoli di vita italiana. Libreria dello stato '52 p673-86

COTTON, Aimé Auguste, 1869-1951

France. Centre national de la recherche scientifique. Œuvres scientifiques d'Aimé Cotton. The center '56 p9-16

COTTON

Abstracts. See numbers of Empire cotton growing review

Christidis, Basil G. and Harrison, George J. Cotton growing problems. McGraw '55 incl bibliog

Genetics and cytology of cotton, 1948-55; rep. of cooperative research under Southern regional project S-1. (Southern cooperative ser, bul. 47) Technical com. Regional research project S-1 '58 p55-65 annot

Gerstel, D. U. and Phillips, L. L. Segregation in new allopolyploids of *Gossypium*. Genetics 42:796-7 N '57

Knight, Robert L. Abstract bibliography of cotton breeding and genetics, 1900-1950. (Technical communication no 17) Commonwealth bur. of plant breeding & genetics '54 256p

National cotton council of America. Catalogue of educational material on cotton and cotton products. 8th rev The council '56 31p

United States. Production and marketing administration. Effect of atmospheric conditions on processing and testing of carded cotton yarn, by Joseph T. Rouse and William H. Burns. Cotton branch '53 p28-9

Diseases and pests

Heyn, A. N. J. Bacteriological studies on cotton. Textile Res J 27:601-3 Ag '57

Lakshminarayanan, K. Physiology of host-parasite relationships in the fusarium wilt of cotton. Ind Acad Sci Proc SerB 44:322-4 D '56

Lincoln, Charles, and Leigh, Thomas F. Timing of insecticide applications for cotton insect control. (Bul. 588) Agricultural experiment station, Univ. of Ark. '57 p46-7

See also

Bollworms, Pink

History

Arizona. State college, Tempe. Cotton story; a freshman research and writing project; eds. Ernest Jeffries [and others] The college '58 p 175-88

COTTON bollworms, Pink. See Bollworms, Pink

COTTON fibers

Testing

United States. Production and marketing administration. Relation of rate of carding and factors of cotton quality to strength and appearance of combed yarn, neps in card web, card waste, and comber waste, by Robert W. Webb and Howard B. Richardson. Cotton branch '53 p38-41

Webb, Robert William. Equations for predicting single-strand yarn strength and elongation based on measures of raw-cotton quality. (U.S. Dept. of agriculture. Marketing research rep. no 197) U.S. Gov. ptg. office '57 p31-4

Webb, Robert William. Influence of yarn size on the relative contributions of six cotton fiber properties to strength of carded yarn. (U.S. Dept. of agriculture. Marketing research rep. no 109) U.S. Gov. ptg. office '55 p41-4

COTTON growing

Peebles, Robert Hibbs, and others. Effect of spacing on some agronomic and fiber characteristics of irrigated cotton. (U.S. Dept. of agriculture. Technical bul. no 1140) U.S. Gov. ptg. office '56 p60-2

Street, James H. New revolution in the cotton economy; mechanization and its consequences. Univ. of N.C. press '57 p253-83

Puerto Rico

Rodríguez, Juan Pastor, and Martorell, Luis F. El cultivo del akodon en Puerto Rico. (Boletín 131) Agricultural experiment station, Univ. of Puerto Rico '56 p 100-2

United States

Arizona. State college, Tempe. Cotton story; a freshman research and writing project; eds. Ernest Jeffries [and others] The college '58 p 175-88

COTTON manufacture

Stein, Stanley J. Brazilian cotton manufacture; textile enterprise in an underdeveloped area, 1850-1950. (Harvard univ. Research center in entrepreneurial history. Studies in entrepreneurial history) Harvard univ. press '57 p 199-208

COTTON trade

Cox, Clifton Benjamin, and Pherson, Vernon W. Competitive potential of the U.S. cotton industry. Div. of research, Graduate school of business adm, Harvard univ. '59 p 193-201

Kuhlmeijer, Heinrich Johannes. Nationale of internationale katoenpolitiek. Brouwer '53 p210-15

Owsley, Frank Lawrence. King Cotton diplomacy; foreign relations of the Confederate States of America; 2d ed, rev. by Harriet Chappell Owsley. Univ. of Chicago press '59 p559-75

Seki, Keizō. Cotton industry of Japan. Japan soc. for the promotion of science '56 p409-14

COTTONSEED

Mayne, R. Y. Lipolytic microorganisms associated with prime and deteriorated cottonseed. *Ap Microbiol* 4:269 S '56

COTTONTAIL rabbits. See Rabbits**COUGH**

Derbes, Vincent de Paul Joseph, and Kerr, Andrew. Cough syncope. (Am. lecture ser, pub. no231) Thomas '55 p 150-71

Thomas '55 p 150-71

COULTER, Ellis Merton. 1890-

Montgomery, Horace, ed. Georgians in profile; historical essays in honor of Ellis Merton Coulter. Univ. of Ga. press '58 p327-30

COUNCIL of Europe

Robertson, Arthur Henry. Council of Europe: its structure, functions, and achievements; with a foreword by Guy Mollet. (Lib. of world affairs, no32) Praeger '56 p239-41

COUNCIL of Trent, 1545-1563. See Trent, Council of, 1545-1563**COUNSELING**

Bordin, Edward S. Psychological counseling. (Century psychology ser) Appleton '55 p399-403

Guidance and counseling; reviews the literature for the three-year period since Apr. 1954. *R Educ Res* 27:161-236 Ap '57

Hadley, John Millard. Clinical and counseling psychology. Knopf '58 incl bibliog

Jackson, Edgar Newman. Understanding grief; its roots, dynamics, and treatment. Abingdon '57 p243-7

Layton, Wilbur Leslie. Counseling use of the Strong vocational interest blank. (Minn. Univ. Studies in student personnel work, no8) Univ. of Minn. press '58 p39-40

Patterson, Charles Henry. Counseling and psychotherapy: theory and practice; under the editorship of Gardner Murphy. Harper '59 incl bibliog

Shoben, E. J. Some recent books on counseling and adjustment. *Psychol Bul* 52:251 My '55

Virginia. Department of education. Guidance handbook. The department '51 incl bibliog

Wright, E. W. Multiple counseling: Why? when? how? *Personnel & Guid J* 37:556-7 Ap '59

See also

Interviewing

Marriage counseling

Personnel service in education

Vocational guidance

COUNTERFEITS and counterfeiting

Scott, Kenneth. Counterfeiting in colonial America; with a foreword by U. E. Baughman. Oxford '57 p265-6

COUNTERPANES. See Quilts and counterpanes**COUNTERPOINT**

AtKisson, Harold F. Basic counterpoint. (McGraw-Hill ser. in music) McGraw '56 p 129-31

Kennan, Kent. Counterpoint; based on 18th cent. practice. Prentice-Hall '59 p 199-200

COUNTER-REFORMATION

Douglas, Richard M. Jacopo Sadoletto, 1477-1547; humanist and reformer. Harvard univ. press '59 p 229-42

Tavard, G. H. Catholic reform in the sixteenth century. *Church Hist* 26:275-88 S '57 annot

See also

Trent, Council of, 1545-1563

COUNTRY church

Judy, Marvin T. Larger parish and group ministry. Abingdon '59 p 170-2

Smith, Rockwell Carter. Church in our town; a study of the relationship between the church and the rural community. rev & enl ed Abingdon '55 p211-16

Smith, Rockwell Carter. People, land, and churches. Friendship press '59 p 161-4

COUNTRY life

United States. Superintendent of documents. Homes. (Price list 72, 39th ed) U. S. Gov. ptg. office '59 17p

Poetry

Tolsada Picazo, Francisco. Bibliografía española de agricultura, 1495-1900; prólogo de Miguel Herrero García. Inst. nacional del libro español '53 122p

COUNTRY schools. See Rural schools**COUNTRY finance**

Royal institute of public administration. New sources of local revenue; rep. of a study group of the Institute. Allen '56 p242-9

COUNTY government**Texas**

Keith, John Pirie. City and country home rule in Texas. (Public affairs ser, no7) Inst. of public affairs, Univ. of Tex. '51 p 161-4

COURNOT, Antoine Augustin, 1801-1877

Giachalone Monaco, Tommaso. Antonio Agostino Cournot, l'uomo e l'economista. CEDAM '56 p73-85

COURT houses

Institute of judicial administration. Guide to the construction and renovation of court buildings. The institute '58 p40-2

COURTELINE, George, pseud. See Moineaux, G.**COURTLY love**

See also

Minnesingers

COURTS

See also

Courts martial and courts of inquiry

Judicial review

Jurisdiction

Justice, Administration of

COURTS, International. See International courts**COURTS martial and courts of inquiry****United States**

United States. Court of military appeals. Law library. Bibliography of articles concerning: United States court of military appeals, Uniform code of military justice, military justice and related miscellaneous subjects. The library '56 1v

COURTSHIP

Bernard, Jessie Shirley, and others. Dating, mating & marriage; a documentary-case approach. (Anthropology and sociology ser) Allen '58 p389-91

—Same. rev ed Arco '59 p241-3

LeMasters, E. E. Modern courtship and marriage. Macmillan '57 incl bibliog

Merrill, Francis Ellsworth. Courtship and marriage. rev & expanded ed Holt '59 p418-40 annot

COVER crops

Steffens, George L. and Street, O. E. Effects of winter cover crops on growth, quality and nitrogen nutrition of Maryland tobacco. (Bul. A-86) Agricultural experiment station, Univ. of Md. '57 p36-7

COWBOYS

California. University. University at Los Angeles. Library. Last frontiersman; an exhibit at the Library, June 3-30, 1957. The library '57 15p annot

Westermeyer, Clifford Peter, comp. & ed. Trailing the cowboy; his life and lore as told by frontier journalists. Caxton ptrs. '55 p399-404

COWS

See also

Lactation

Diseases and pests

Hunter, A. G. and others. Granular vulvovaginitis. *J Dairy Sci* 41:1029-32 Ag '58

See also

Mastitis

Milk fever in cows

COWS—Continued

Feeding

- Bloom, S. and others. Effects of various hay-concentrate ratios on nutrient utilization and production responses of dairy cows. *J Dairy Sci* 40:250-1 Mr '57
- Schmidt, G. H. and Schultz, L. H. Effect of three levels of grain feeding during the dry period on the incidence of ketosis, severity of udder edema, and subsequent milk production of dairy cows. *J Dairy Sci* 42:178-9 Ja '59
- Suttie, J. W. and others. Studies of the effects of dietary NaF on dairy cows. *J Nutrition* 63:223-4; 65:304 O '57, Je '58; *J Dairy Sci* 40:1490-1; 42:1069 N '57, Je '59
- Teichman, R. and others. Effect of previous ration on lactation response to substituting corn for alfalfa according to net energy and total digestible nutrient systems of estimation. *J Dairy Sci* 41:141-2 Ja '58

Physiology

- Armstrong, D. T. and Hansel W. Alteration of the bovine estrous cycle with oxytocin. *J Dairy Sci* 42:541-2 Mr '59
- Foster, T. S. Gonadotrophins of bovine blood and urine. *Can J Ag Sci* 36:469-70 N '56
- Gorski, J. and others. Sources of progesterins in the pregnant cow. *J Dairy Sci* 41:1385-6 O '58
- Hall, J. G. and others. Estrus, estrous cycles, ovulation time, time of service, and fertility of dairy cattle in Louisiana. *J Dairy Sci* 42:1093-4 Je '59
- MacDonald, M. A. and Bell, J. M. Effects of low fluctuating temperatures on farm animals. *Can J Animal Sci* 38:21-2, 31-2, 158-9, 169-70 Je-D '58
- Melampy, R. M. and others. Effect of progesterone on the estrous response of estrogen-conditioned ovariectomized cows. *J Animal Sci* 16:974-5 N '57
- Melampy, R. M. and others. Estrogen excretion by cows after oral administration of diethylstilbestrol. *J Animal Sci* 18:185-6 F '59
- Melampy, R. M. and others. Progesterone content of bovine reproductive organs and blood during pregnancy. *J Animal Sci* 18:312-13 F '59
- Smith, E. P. and others. Fluorimetric estimation of estrogens in bovine urine. *J Dairy Sci* 39:169-70 F '56
- Turner, C. W. and others. Experimental induction of growth of the cow's udder and the initiation of milk secretion. *J Dairy Sci* 39:1728-9 D '56
- Wrenn, T. R. and others. Body temperature variations in dairy cattle during the estrous cycle and pregnancy. *J Dairy Sci* 41:1075-6 Ag '58
- COX, Isaac Joslin, 1873-1956
Warren, H. G. Isaac Joslin Cox, 1873-1956. *Hispan Am Hist R* 37:139-42 F '57
- COX, Samuel Sullivan, 1824-1889
Lindsey, David. Sunset Cox: irrepressible democrat. Wayne state univ. press '59 p302-3
- COXSACKIE viruses. See Viruses
- COYOTES
Gier, Herschel Thomas. Coyotes in Kansas. (Bul. 393) Agricultural experiment station, Kan. State college of agriculture & applied science '57 p96-7
- Korschgen, L. J. Food habits of the coyote in Missouri. *J Wildlife Mgt* 21:434-5 O '57
- COZZENS, James Gould, 1903-
Bracher, Frederick George. Novels of James Gould Cozzens. Harcourt '59 p293-7
- CRABBE, George, 1754-1832
Brett, R. L. Crabbe. (Bibliog. ser. of sups. to British bk. news, no75) Longmans '56 p41-3
- CRABS
Garth, John Shrader. Brachyura of the Pacific coast of America: oxyrhyncha. (Los Angeles. Univ. of Southern Calif. Allan Hancock foundation for scientific research. Allan Hancock Pacific expeditions. Repts, v21) Univ. of Southern Calif. press '58 2v v 1, p481-99
- Gordan, Joan. Bibliography of pagurid crabs, exclusive of Alcock, 1905. (Bul. v 108, article 3) Am. mus. of natural history '56 257-352p
- Snelling, B. Distribution of intertidal crabs in the Brisbane river. *Australian J Marine & Freshwater Res* 10:82-3 My '59

- CRAIG, Edward Gordon, 1872-
Fletcher, I. K. Check list of books and periodicals written, designed and edited by Edward Gordon Craig. Theatre Notebk 10: 50-1 Ja '56
- Valogne, Catherine. Gordon Craig. (Les metteurs en scène, 3) Presses littéraires de France '53 p59-61
- CRAIGIE, Sir William Alexander, 1867-
Memoir and a list of the published writings of Sir William A. Craigie. Clarendon press '52 p21-31
- CRANBERRIES
Fellers, Carl Raymond, and Esselen, William B. Cranberries and cranberry products. (Bul. 481) Agricultural experiment station, Univ. of Mass. '55 p59-62
- Tolle, W. E. Maintenance of quality of pre-packed cranberries during retail display. (U.S. Agricultural marketing service. Marketing research div. Marketing research rep. no320) U.S. Gov. ptg. office '59 p 17-19
- CRANE, Hart, 1899-1932
Rowe, Hershel D. Hart Crane, a bibliography. Swallow '55 30p
- CRANE, Stephen, 1871-1900
Columbia university. Libraries. Stephen Crane (1871-1900) an exhibition of his writings held in the Columbia university libraries, September 17-November 30, 1956; arr. and described by Joan H. Baum; foreword by Lewis Leary; with apps. contributing to the biblog. of Stephen Crane. The libraries '56 61p
- Hoffman, Daniel G. Poetry of Stephen Crane. Columbia univ. press '57 p285-95
- CRANES, derricks, etc.
Broughton, Harold Hodgkinson. Electric cranes; a manual on the design, construction, application, and operation of electric cranes. 3d ed Spon '53 incl bibliog
- CRANES, Whooping
Fisher, Harvey I. and Goodman, Donald Charles. Myology of the whooping crane, *grus americana*. (Ill. biological monographs, v24, no2) Univ. of Ill. press '55 p 125-7
- CRANIOLGY
Parenti, R. Ossa umane provenienti da un deposito dell'età del bronzo in località Galleraia. *R Sci Preistoriche* 9 no 1-2:75-7 '54
- See also
Brain
Phrenology
- CRASHAW, Richard, 1613?-1649
Warren, Austin. Richard Crashaw: a study in baroque sensibility. (Ann Arbor bks) Univ. of Mich. press '57 p241-55
- CRAWFISH. See Crayfish
- CRAYFISH
Crocker, Denton W. Crayfishes of New York state (decapoda, astacidae) (N.Y. State museum and science service. Bul. no 355) Univ. of the State of N.Y. '57 p91-7
- Guysselman, J. B. Solar and lunar rhythms of locomotor activity in the crayfish *cambarus virilis*. *Physiol Zool* 30:86-7 Ja '57
- Penn, G. H. Genus *procamburus* in Louisiana (decapoda, astacidae) *Am Midl Natur* 56: 421-2 O '56
- CREAM
Garrison, Earl Raymond. Some factors affecting fat acidity and water-insoluble acids in cream. (Bul. 585) Agricultural experiment station, Univ. of Ark. '57 p39-40
- CREATION
Henry, A. M. ed. God and his creation, by a group of theologians; tr. by Charles Miltner. (Theology lib. v2) Fides '55 incl bibliog
- Leach, Maria. Beginning creation myths around the world. Funk '56 p247-51
- CREATION (literary, artistic, etc)
Andrews, M. F. Bibliography on the nature of creativity and aesthetic form. (In Syracuse university. Symposium conference on creative arts education. Aesthetic form and education; ed. by Michael F. Andrews. Syracuse univ. press '58 p97-105)
- Burkhart, R. Relation of intelligence to art ability. *J Aesthetics* 17:240-1 D '58
- Deutsch & Shea, incorporated. Company climate and creativity; 105 outstanding authorities present their views. Industrial relations news '59 p99-103

CREATION (literary, artistic, etc)—*Continued*
Deutsch and Shea, incorporated. Creativity; a comprehensive bibliog. on creativity in science, engineering, business and the arts. Industrial relations news '58 16p

Interdisciplinary symposia on creativity. Michigan state university. 1957-1958. Creativity and its cultivation; addresses presented at the Symposia; Harold H. Anderson, editor. Harper '59 p269-79

Israeli, N. Set theory models for research concerning creative thinking and imagination. J Gen Psychol 60:94-6 Ja '59

Kubie, Lawrence Schlesinger. Neurotic distortion of the creative process. (Porter lectures, ser. no22) Univ. of Kan. press '58 p 144-8

Milner, Marion (Blackett). On not being able to paint; 2d ed. with a foreword by Anna Freud. Int. univ. press '57 p 169-70

Research conference on the identification of creative scientific talent. Brighton, Utah. 1955-1959 University of Utah research conference on the identification of creative scientific talent. Univ. of Utah press '56-'59 3v 1955, p260-8; 1957, p249-55; 1959, p317-34

CREATIVENESS. See Creation (literary, artistic, etc)

CRECHES. See Day nurseries

CREDIT

Ettinger, Richard Prentice, and Golieb, David Edwin. Credits and collections. 4th ed Prentice-Hall '56 p401-2

Raphael, M. Instalment credit at the commercial bank. Bsns Lit 28:109-10 N '55 annot

Smith, Lawrence. Money, credit, and public policy. Houghton '59 incl bibliog

United States. Board of governors of the Federal reserve system. Library. Selective instruments of credit control; a bibliography. The library '55 9p

Winchester, James P. Consumer instalment loan losses and valuation reserves. Bankers pub. '55 p 102-6

See also

Agricultural credit

Collecting of accounts

Consumer credit

Instalment plan

Loans

Sweden

Thunholm, Lars Erik. Svenskt kreditväsen. 2d rev ed Kooperativa förbundets bokförlag '52 p308-16

CREDIT insurance. See Insurance. Credit

CREDIT unions

Croteau, John Tougas. Federal credit union; policy and practice. Harper '56 p 189-201 annot

CREEDS

See also

Catholic church—Catechisms and creeds

CREEP of materials. See Materials—Creep

CREEP of metals. See Metals—Creep

CRESWELL. Keppel Archibald Cameron, 1879-Ettinghausen, R. Bibliography of the writings of K. A. C. Creswell. Ars Orient 2:509-12 '57

CRIME and criminals

Baldi, Frederick Sobernheimer. My unwellcome guests. Lippincott '59 p221-2

Bibliography. See numbers of International review of criminal policy

Biggs, John. Guilty mind; psychiatry and the law of homicide. Harcourt '55 p203-5

Blum, Richard H. Predicting criminal behavior; an annot. bibliography. (Monograph no 1) Journal of correctional psychology '55 25p

Caldwell, Robert Graham. Criminology. Ronald '56 p713-22

Cavan, Ruth (Shonle). Criminology. 2d ed Crowell '55 incl bibliog annot

Clinard, Marshall Barron. Sociology of deviant behavior [Kingsley Davis, consulting editor] Rinehart '57 incl bibliog annot

Godwin, George Stanley. Criminal man. Braziller '57 p269-71

Higgins, Lois Lundell, and Fitzpatrick, Edward Augustus. Criminology and crime prevention. Bruce pub. '58 incl bibliog

McCord, William, and McCord, Joan. Psychopathy and delinquency. Grune '56 incl bibliog

National probation and parole association. Selected reading list in delinquency and crime. The association '58 38p

Playfair, Giles, and Sington, Derrick. Offenders; the case against legal vengeance. Simon & Schuster '57 p300-3

Rubin, Sol. Crime and juvenile delinquency; a rational approach to penal problems. Oceana '58 incl bibliog

Smedt, Marc de. Essai de bibliographie médico-légale et criminologique. Contribution to a bibliography of legal medicine and criminology. Vaillant-Carmanne '53 124p

Sutherland, Edwin Hardin. Principles of criminology. 5th ed. rev. by Donald Cressey. Lippincott '55 incl bibliog

Sykes, Gresham M. Crime and society. (Studies in sociology) Random house '56 p 123-5

Vold, George Bryan. Theoretical criminology. Oxford '58 p317-25

See also

Castration of criminals and defectives

Convict labor

Counterfeits and counterfeiting

Education of prisoners

Forgery

Gangs

Homicide

Justice, Administration of

Juvenile delinquency

Murder

Outlaws

Parole

Police

Prison sentences

Prisons

Probation

Racketeering

Recidivists

Sterilization of criminals and defectives

Suicide

Treason

Vigilance committees

Research

United prison association of Massachusetts. What's new in correctional research. (Correctional research, no8) The association '58 p54-66

Great Britain

Pringle, Patrick. Hue and cry; the story of Henry and John Fielding and their Bow Street runners. Morrow '55 p211-14

Indian territory

Shirley, Glenn. Law west of Fort Smith; a history of frontier justice in the Indian Territory, 1834-1896. Holt '57 p325-33

United States

Davis, David Brion. Homicide in American fiction, 1798-1860; a study in social values. Cornell univ. press '57 p315-40

West

Brownlee, Richard S. Gray ghosts of the Confederacy; guerilla warfare in the West, 1861-1865. La. state univ. press '58 p247-52

CRIME detection. See Criminal investigation

CRIMEA

History

Kirimal, Edige Mustafa. Der nationale kampf der Krimtürken mit besonderer berücksichtigung der jahre 1917-1918. Lechte '52 p331-41

CRIMES, War. See War crimes

CRIMINAL anthropology

Bloch, Herbert Aaron. Bibliography of delinquency causation. N.Y. State youth comm. '54 17p

CRIMINAL investigation

Bartmann, Fritz. Dubiose fälle; grenzfälle von mord, selbstmord, unglücksfall; zusammenstellung und auswertung authentischen materials. Verlag für polizeiliches fach-schrifttum '54 p 163-6

Brett, Dennis Thomas. Crime detection. (Reader's guides, 3d ser, 6) Nat. bk. league '59 30p annot

Cuthbert, Cyril Roy Mitchell. Science and the detection of crime. Philosophical lib. '58 p235-7

Horoszowski, Pawel. Kryminalistyka. Państwowe wydawn. naukowe '55 p641-59

Ward, Milburn Robert. Story behind private investigation. Vantage '57 p242-3

See also

Lie detectors and detection

CRIMINAL law*See also*

Capital punishment
Evidence (law)
Habeas corpus
International offenses
Justice, Administration of
Prisons
Vigilance committees

CRIMINAL procedure*See also*

Courts martial and courts of inquiry
Trial practice

United States

American bar foundation. Administration of criminal justice in the United States; plan for a survey; prepared by Arthur H. Sherry and John A. Peltis. The foundation '55 p 195-7

CRIMINAL psychology

Abstracts of literature. *See* numbers of Archives of criminal psychodynamics

Diamond, B. L. With malice aforethought. Archives Crim Psychodyn 2:43-5 Winter '57

Dunham, R. E. Factors related to recidivism in adults. J Social Psychol 39:90-1 F '54

Herren, R. Der mord ohne motiv. Psychol Rundsch 9:289-90 O '58

Karpman, B. Criminal psychodynamics: a platform. Archives Crim Psychodyn 1:96-100 Winter '55

McNamara, R. L. Bibliography, 1950-1955. Archives Crim Psychodyn 2:185-206 Winter '57

See also

Psychiatry, Forensic
Psychology, Forensic

CRIMINOLOGY. See Crime and criminals**CRINOIDEA, Fossil**

Koenig, J. W. and Niewoehner, W. Pentecrinus, a new microcrinoid from the Louisiana formation of Missouri. J Paleont 33: 469-70 My '59

Strimple, H. L. and Koenig, J. W. Mississippian microcrinoids from Oklahoma and New Mexico. J Paleont 30:1246-7 S '56

CRIPPLES

National society for crippled children and adults. Library. Rehabilitation literature. The society. *See* numbers

CRITICAL materials. See Strategic materials**CRITICISM**

Osborne, Harold. Aesthetics and criticism. Philosophical lib. '55 p325-34

Wolseley, Roland Edgar. Critical writing for the journalist. Chilton co. '59 p 197-200 annot

See also

Literature—History and criticism
Style, Literary

CROATIA

Blanc, André. La Croatie occidentale; étude de géographie humaine. (Travaux, 25) Inst. d'études slaves, Univ. de Paris '57 p447-85

CROATIAN language. See Serbo-Croatian language**CROATS**

Preveden, Francis Ralph. History of the Croatian people; from their arrival on the shores of the Adriatic to the present day, with some account of the Gothic, Roman, Greek, Illyrian and prehistoric periods of the ancient Illyricum and Pannonia; v 1. Prehistory and early period until 1397 A.D. Philosophical lib. '56 p 130-1

CROCE, Benedetto, 1866-1952

Caponigri, Aloysius Robert. History and liberty; the historical writings of Benedetto Croce. Regnery '55 p269-72

Cione, Edmondo. Bibliografia crociana. (Biblioteca di scienze moderne, no 155) Fratelli Bocca '56 481p

Orsini, G. N. G. Theory and practice in Croce's aesthetics. J Aesthetics 13:309-13 Mr '55

CROCKETT, David, 1786-1836

Shackford, James Atkins. David Crockett, the man and the legend; ed. by John B. Shackford. Univ. of N.C. press '56 p317-24

CROCODILES

Villiers, André. Tortues et crocodiles de l'Afrique noire française. (Initiations africaines, 15) Inst. français d'Afrique noire '58 p341-54

CROMWELL, Oliver, 1599-1658

Ashley, Maurice Percy. Greatness of Oliver Cromwell. Macmillan '58 p371-3

Paul, Robert S. Lord Protector; religion and politics in the life of Oliver Cromwell. Lutterworth press '55 p419-24

CRONSTEDT, Carl Olof, 1756-1820

Odelberg, Wilhelm. Viceadmiral Carl Olof Cronstedt; levnadsteckning och tidskildring. Söderström '54 p555-71

CROP fumigation. See Fumigation**CROP insurance. See Insurance, Agricultural****CROP protection***See also***Frost protection****CROP residues**

Stotzky, G. and others. Certain effects of crop residue and fumigant applications on the decomposition of an Ohio muck soil. Soil Sci Soc Am Proc 20:396 JI '56

Zingg, Austin Wesley, and Whitfield, Charles James. Summary of research experience with stubble-mulch farming in the western states. (U.S. Dept. of agriculture. Technical bul. no 1166) U.S. Gov. ptg. office '57 p29-31

CROPS**Yield**

Azzil, Girolamo. Agricultural ecology. Essential bks '56 p403-15

Wittwer, S. H. and Bukovac, M. J. Effects of gibberellin on economic crops. Econ Bot 12:244+ JI '58

CROPS and climate. See Meteorology, Agricultural; Plants, Effect of climate on**CROPS and soils**

Grunes, D. L. and others. Effect of long-time dryland cropping on available phosphorus of Cheyenne fine sandy loam. Soil Sci 80: 137-8 Ag '55

Haas, Howard J. and others. Nitrogen and carbon changes in Great Plains soils as influenced by cropping and soil treatments. (U.S. Dept. of agriculture. Technical bul. no 1164) U.S. Gov. ptg. office '57 p55-7

Jamison, V. C. Pertinent factors governing the availability of soil moisture to plants. Soil Sci 81:468-71 Je '56

Rennie, D. A. Variations in percentage phosphorus and protein content in wheat, as induced by fertilizer treatment, soil type, and season. Can J Ag Sci 36:503-4 N '56

Ward, G. M. Effect of soil fertility upon the yield and nutritive value of forages: a review. J Dairy Sci 42:289-97 F '59

See also

Soils and plant growth

CROSS, Charles Whitman, 1854-1949

Larsen, E. S. Charles Whitman Cross. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p 105-12)

CROSS bedding (geology) See Stratification**CROSSFOLDING. See Rocks—Deformation****CROSSING over (heredity) See Chromosomes****CROUSAZ, Jean Pierre de, 1663-1750**

La Harpe, Jacqueline Ellen Violette de. Jean-Pierre de Crousaz (1663-1750) et le conflit des idées au siècle des lumières; avec une préf. de Daniel Mornet. (Pubs. in modern philology, v47) Univ. of Calif. press '55 p268-71

CROWS

McGill university, Montreal. Department of sociology and anthropology. Formation, nature, and control of crowds by William A. Westley; prepared under contract with the Defence research board. Dept. of nat. defence, Canada. The university '56 p87-118

CROWN gall

Braun, A. C. Study of the nature of autonomy in neoplastic plant cells. Am Natur 90:236 JI '56

Klein, R. M. and Link, G. K. K. Etiology of crown-gall. Q R Biol 30:264-77 S '55

Klein, R. M. and Vogel, H. H. Necessity of indoleacetic acid for the duplication of crown-gall tumor cells. Plant Physiol 31:21-2 Ja '56

Klemmer, H. W. and others. Inhibition of crown gall by selected antibiotics. Phytopathology 45:625 N '55

CRUSADES

- Slaughter, Gertrude Elizabeth (Taylor). Saladin (1133-1193) a biography. (Banner bk) Exposition '55 p291-7
 Small, Raymond Charles. Crusading warfare, 1097-1193. (Cambridge studies in medieval life and thought, new ser, v3) Cambridge '56 p251-61
 Waas, Adolf. Geschichte der kreuzzüge. Herder '56 2v v2, p313-73

See also
 Tempmars

CRUSHING machinery

- Great Britain. Department of scientific and industrial research. Crushing and grinding: a bibliography. H.M.S.O. '58 425p
 Work, L. T. Size reduction. Ind & Eng Chem 47:588-9 Mr '55

CRUSTACEA

- Bary, Brian M. Notes on ecology, systematics and development of some mysidacea and euphausiacea (crustacea) from New Zealand. Pac Sci 10:465-7 O '56
 Beeton, A. M. Photoreception in the opossum shrimp, *mysis relicta* Lovén. Biol Bul 116: 215-16 Ap '59
 Brooks, John Langdon. Systematics of North American daphnia. (Mémoires, v 13) Conn. acad. of arts & sciences '57 p 165-7
 Garth, John Shrader. Brachyura of the Pacific coast of America: oxyrhyncha. (Los Angeles. Univ. of Southern Calif. Allan Hancock foundation for scientific research. Allan Hancock Pacific expeditions. Repts. v21) Univ. of Southern Calif. press '58 2v v 1, p481-99
 Jones, W. H. Cladocera of Oklahoma. Am Micros Soc Trans 77:255-7 Jl '58
 Menzies, R. J. Marine borer family limnoriidae (crustacea, isopoda) Bul Marine Sci Gulf & Carib 7:194-200 Je '57
 Monod, Théodore. Hippidea et brachyura ouest-africains. (Mémoires, no45) Inst. français d'Afrique noire '56 p633-49
 Racek, A. A. Littoral penaeinae from New South Wales and adjacent Queensland waters. Australian J Marine & Freshwater Res 6:238-9 Ag '55
 Reed, E. B. and Olive, J. R. Altitudinal distribution of some entomostraca in Colorado. Ecology 39:74 Ja '58
 Snodgrass, Robert Evans. Crustacean metamorphoses. (Smithsonian misc. colls, v 131, no 10) Smithsonian inst. '56 p73-8
 Stephenson, W. and others. Australian portunids (crustacea: portunidae) Australian J Marine & Freshwater Res 8:506-7: 10:120-4 N '55, My '59
 See also
 Amphipoda
 Barnacles
 Copepoda
 Crabs
 Crayfish
 Decapoda (crustacea)
 Euphausiacea
 Lobster
 Metabolism (crustacea)
 Mysidacea
 Ostracoda
 Penaeidae
 Shrimps

Anatomy

- Shaw, B. L. and Battle, H. I. Gross and microscopic anatomy of the digestive tract of the oyster *crassostrea virginica* (Gmelin) Can J Zool 35:345-6 Je '57

Physiology

- Carlisle, David B. and Knowles, Sir Francis Gerald William, bart. Endocrine control in crustaceans. (Cambridge monographs in experimental biology, no 10) Cambridge '59 p 104-17
 Costlow, J. D. and Bookhout, C. G. Molting and respiration in *balanus amphitrite* var. *denticulata* Broch. Physiol Zool 31:279-80 O '58
 Daniel, R. Neurosecretion in crustacea. Madras Univ J secB 28:62-3 Ap '58

CRUSTACEA, Fossil

See also

- Ostracoda, Fossil
 Trilobites

CRYOPEDOLOGY. See Frozen ground

CRYPTOCOCCUS

- Littman, M. L. Capsula synthesis by cryptococcus neoformans. N Y Acad Sci Trans 20:645-8 My '58

CRYPTOGAMS

- Schussnig, Bruno. Handbuch der protophytentkunde; eine vergleichend-morphologische und biologische darstellung der niederen pflanzen für biologen, mediziner, und landwirte. Fischer '53 incl bibliog
 Smith, Gilbert Morgan. Cryptogamic botany. 2d ed (McGraw-Hill pubs. in the botanical sciences) McGraw '55 2v incl bibliog
 See also

Algae
 Ferns
 Lichens
 Mosses

CRYPTOGAMS, Vascular. See Pteridophytes

CRYSTALLINE lens

- Haik, George M. and others, eds. Symposium on diseases and surgery of the lens. (New Orleans acad. of ophthalmology. Transactions, 1956) Mosby '57 incl bibliog
 Liedke, K. B. Studies on lens induction in *amblystoma punctatum*. J Exp Zool 130:371-2 N '55
 McKeehan, M. S. Quantitative study of self-differentiation of transplanted lens primordia in the chick. J Exp Zool 126:171-2 Jl '54
 Reyer, R. W. Lens regeneration from homoplastic and heteroplastic implants of dorsal iris into the eye chamber of *triturus viridescens* and *amblystoma punctatum*. J Exp Zool 133:181-3 O '56
 Reyer, R. W. and Stone, L. S. Reinvestigation of lens regeneration in *salamandra salamandra salamandra*. J Exp Zool 129: 232-4 Jl '55

CRYSTALLIZATION

- American society for metals. Liquid metals and solidification; a seminar on liquid metals and solidification held during the 39th Nat. metal congress and exposition, Chicago, Nov. 2 to 8, 1957. The society '58 incl bibliog
 Gordon, P. Microcalorimetric investigation of recrystallization of copper. J Metals 7: 1051-2 S '55
 Mandelkern, L. Crystallization of flexible polymer molecules. Chem R 56:954-8 O '56
 Matz, Günther. Die kristallisation in der verfahrenstechnik. (Verfahrenstechnik in einzeldarstellungen, 2) Springer '54 p 172-7
 Palermo, J. A. and others. Crystallization. Ind & Eng Chem 47:523; 48:490-1; 49:474-5; 50:433-4; 51:350-1 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
 Saratovkin, D. D. Dendritic crystallization; tr. from Russian by J. E. S. Bradley. Consultants bur. '59 p 118-26
 Sterling, C. Retrogradation in a starch jelly candy. Food Res 22:190-1 Mr '57
 See also

Crystals—Growth

Solutions. Solid

CRYSTALLOGRAPHY

- Azaroff, Leonid V. and Buerger, Martin J. Powder method in X-ray crystallography. McGraw '53 incl bibliog
 Buerger, Martin Julian. Vector space and its application in crystal-structure investigation. Wiley '59 incl bibliog
 Deicha, Georges. Les lacunes des cristaux et leurs inclusions fluides; signification dans la genèse des gîtes minéraux et des roches. (Monographies scientifiques) Masson '55 p 113-17
 Eitel, Wilhelm. Structural conversions in crystalline systems and their importance for geological problems. (Special paper 66) Geological soc. of Am. '58 p 147-67
 French bibliographical digest; no 13 (ser2) Science: crystallography—mineralogy. French cultural services of New York '55 102p annot
 Hellner, E. Structural scheme for sulfide minerals. J Geol 66:524-5 S '58
 Herman, F. Electronic energy band structure of silicon and germanium. Inst Radio Eng Proc 43:1731-2 D '55
 Honigsmann, B. Gleichgewichts- und wachstumsformen von kristallen. (Fortschritte der physikalischen chemie, v4) Steinkopff '58 p 143-54
 Mackenzie, W. S. Crystalline modifications of NaAlSi₃Si₂O₁₀. Am J Sci 255:515-16 Summer '57
 McLachlan, Dan. X-ray crystal structure. McGraw '57 incl bibliog
 Mineralogical abstracts; sup. to Mineralogical magazine. Oxford. See numbers

CRYSTALLOGRAPHY—Continued

- Novák, Jiří. Strukturní krystalografie; úvod do studia atomové stavby hmoty. Přírodovědecké vydavatelství '53 p 199-203
- Peiser, H. S. and others, eds. X-ray diffraction by polycrystalline materials. (Physics in industry) Inst. of physics '55 p667-96
- Pinsker, Z. G. Electron diffraction; tr. by J. A. Spink and E. Feigl. Butterworths scientific pubs. '53 incl bibliog
- Rosi, F. D. and others. Mechanism of plastic flow in titanium at low and high temperatures. J Metals 8:122 F '56
- Shirane, G. and others. Some aspects of ferroelectricity. Inst Radio Eng Proc 43: 1790-3 D '55
- Smith, J. V. and Tuttle, O. F. Nepheline-kalsilite system. Am J Sci 255:304-5 Ap '57
- Verhoogen, J. Physical properties and bond type in Mg-Al oxides and silicates. Am Min 43:578-9 My '58

See also

- Dislocations in metals
Efflorescence
Ferroelectric effect
Mineralogy

CRYSTALS

- DeVore, G. W. Role of minimum interfacial free energy in determining the macroscopic features of mineral assemblages. J Geol 67:225-7 Mr '59
- Pabst, A. Transformation of indices in twin gliding. Geol Soc Am Bul 66:911-12 Jl '55
- Sheffield, England. Free public libraries and museum. Science and commerce library. Strength of metal single crystals; a sel. bibliography. (Research bibliogs, new ser, no63) The library '57 4p

See also

- Pleochroism

Growth

- Soveshchanie po rostu kristallov. 1st. Moscow, 1956. Growth of crystals (rost kristallov) reps. at the First conference on crystal growth, 5-10 March 1956; in English translation. Consultants bur. '58 incl bibliog

CUBA

- Castro de Morales, Lilia. Impresos relativos a Cuba editados en los Estados Unidos de Norteamérica; prólogo de Howard F. Cline. (Pubs) Biblioteca nacional '56 370p
- Peraza Sausa, Fermín. Bibliografía cubanouruguaya; ed. prelim (Biblioteca del bibliotecario, 47) Anuario bibliog. cubano '56 49p

CUBAN drama

- Rivero Muñoz, José. Bibliografía del teatro cubano; prólogo de Lilia Castro de Morales. Biblioteca nacional '57 120p

CUBAN literature

- Peraza Sausa, Fermín. Bibliografía cubanouruguaya; ed. prelim. (Biblioteca del bibliotecario, 47) Anuario bibliog. cubano '56 49p

History and criticism

- Bueno, Salvador. Historia de la literatura cubana. Editorial Minerva '54 incl bibliog

CUBBERLEY, Ellwood Patterson, 1868-1941

- Sears, Jesse Brundage, and Henderson, Adin D. Cubberley of Stanford and his contribution to Am. education. Stanford univ. press '57 p283-9

CUCUMBERS

- United States. Agricultural research service. Southern utilization research branch. Brining and pickling of cucumbers and other vegetables; a list of pubs. with abstracts, Sept. 1938-Dec. 1955, on cooperative investigations; rev. and ed. by Marie A. Jones. The branch '56 18p

- Vaughn, R. H. and others. Sources and types of aerobic microorganisms associated with the softening of fermenting cucumbers. Food Res 19:501-2 S '54

Diseases and pests

- Tjallingii, Frans. Onderzoekingen over de mozaiekziekte van de augurk cucumis sativus L. Investigations on the mosaic disease of gherkin, cucumis sativus L. Veenman '52 p 113-17

CULICIDAE. See Mosquitos

CULTURAL change. See Social change

CULTURE

- Goldstein, L. J. On defining culture. Am Anthropol 59:1080-1 D '57
- Keesing, Felix Maxwell. Cultural anthropology; the science of custom. Rinehart '58 p433-56
- Nash, M. Multiple society in economic development: Mexico and Guatemala. Am Anthropol 59:832-3 O '57
- Sorokin, Pitirim Aleksandrovich. Social & cultural dynamics; a study of change in major systems of art, truth, ethics, law and social relationships; rev. and abr. in one vol. by the author. Sargent '57 p705-11
- Steward, Julian Haynes. Theory of culture change; the methodology of multilinear evolution. Univ. of Ill. press '55 p223-36
- White, L. A. Concepts of culture. Am Anthropol 61:249-51 Ap '59
- See also
Art and culture
Education

Diffusion

- Tolstoy, P. Archaeology of the Lena basin and its New World relationships. Am Antiqu 23:415-18; 24:78-81 Ap-Jl '58

CULTURE, Primitive

- Pan American union. Department of cultural affairs. Social science section. Irrigation civilizations: a comparative study; a symposium on method and result in cross-cultural regularities, by Julian H. Steward [and others] (Social science monographs, 1) The union '55 incl bibliog

- Rands, R. L. and Riley, C. L. Diffusion and discontinuous distribution. Am Anthropol 60: 295-7 Ap '58

See also

- Indians of Central America—Culture

CULTURE contact. See Acculturation

CULTURE media

- Finn, R. K. Agitation-aeration in the laboratory and in industry. Bact R 18:270-4 D '54

CULTURE sequences

- Wiley, G. R. Estimated correlations and dating of South and Central American culture sequences. Am Antiqu 23:372-8 Ap '58

CUMMINGS, Edward Estlin, 1894-

- Lauter, Paul. E. E. Cummings; index to first lines and bibliog. of works by and about the poet. Swallow '55 44p
- E. E. Cummings bibliography; sup no 1[-2] comp. by Paul Lauter and S. V. Baum. The authors '56-57 2pts
- Norman, Charles. Magic-maker, E. E. Cummings. Macmillan '53 p385-8

CUNEIFORM inscriptions

- Keilschriftbibliographie, 16[-20] Aug. 1953-Aug. 1954[-Aug. 1957-Aug. 1958] Orientalia 24:1-53; 25:1-48; 26:1-49; 27:1-47; 28:1-53 (at end) '53-'59
- König, Friedrich Wilhelm. Handbuch der chaldäischen inschriften. (Archiv für Orientalforschung, sup8) The author '55-'57 2v incl bibliog

See also

- Elamite language
Tell el-Amarna tablets
Ugaritic language

CURARA. See Curare

CURARE

- Brazil. Instituto brasileiro de bibliografia e documentação. Curare; bibliografia. The institute '57 386p

- International symposium on curare and curare-like agents, Rio de Janeiro, 1957. Curare and curare-like agents; ed. by D. Bovet [and others] Elsevier '59 incl bibliog

CURARI. See Curare

- CURÉ d'Ar. See Vianney, J. B. M.

CURRENCY. See Money

CURRENTS, Electric. See Electric currents

CURRENTS, Oceanic. See Ocean currents

CURRICULA. See Education—Curricula

CURTIS, George William, 1824-1892

- Milne, Gordon. George William Curtis & the genteel tradition. Ind. univ. press '56 p264-86

CURTIUS, Ernst Robert, 1886-1956

- Boehlich, W. Bibliographie Ernst Robert Curtius. (In Freundesgabe für Ernst Robert Curtius zum 14. April 1956. Francke '56 p213-34)

CUSHING, Caleb, 1800-1879

- Hodgson, Sister Michael Catherine. Caleb Cushing, Attorney General of the United States, 1853-1857. Catholic univ. of Am. press '55 p225-35

- CUSHMAN, Robert Eugene**, 1889-
Konvitz, Milton Ridvas, and Rossiter, Clinton, eds. Aspects of liberty; essays presented to Robert E. Cushman. (Cornell studies in civil liberty) (bibliog. by H. F. Way) Cornell univ. press '58 p349-55
- CUSTOMS (tariff)** See Tariff
- CUSTOMS unions**
Sardá Dexeus, Juan. Uniones aduaneras y uniones económicas. (Biblioteca de ciencias sociales. Sec 1: Economía) Aguilar '53 p227-33
- CUTANEOUS diseases.** See Skin—Diseases
- CUTICLE**
Chefurka, W. and Pepper, J. H. Studies on the cuticle of the grasshopper melanoplus bivittatus (Say) (orthoptera: acrididae) Can Entom 87:150-1, 162-3, 170-1 Ap '55
Dennell, R. Hardening of insect cuticles. Cambridge Philos Soc Biol R 33:195-6 My '58
Krishnan, G. Nature and composition of the epicuticle of some arthropods. Physiol Zool 29:336-7 O '56
Sewell, M. T. Histology and histochemistry of the cuticle of a spider, tegeraria, domestica (L.) Ent Soc Am Ann 48:117-18 My '55
- CUTICLE (plants)**
Martin, J. T. and Batt, R. F. Studies on plant cuticle. Ann Ap Biol 46:386-7 S '58
- CUTLERY**
Taber, Martha Van Hoesen. History of the cutlery industry in the Connecticut valley. (Smith college studies in history, v41) Dept. of history, Smith college '55 p 127-33
- CUTTINGS, Plant.** See Plant cuttings
- CYANOCOBALAMIN.** See Vitamins—Vitamin B₁₂
- CYBERNETICS**
George, Frank Honeywill. Automation, cybernetics and society. Philosophical lib. '59 incl bibling
McKinney, Ernest Rice. Bibliography of cybernetics. The author '54 141p
Stumpers, Frans Louis Henri Marie. Bibliography of information theory, communication theory—cybernetics. Research laboratory of electronics, Mass. inst. of technology '53 46p
Taylor, Frank Royle. Cybernetics. (Special subject lists, no 17) Lib. assn. '57 12p
See also
Electronic calculating machines
- CYCADOCARPIDIUM**
Florin, Rudolf. On the morphology and taxonomic position of the genus cycadocarpidium Nathorst (coniferae) (Svenska vetenskapsakademien. Stockholm. Trädgård Berglund. Acta horti bergiani, v 16, no9) Almqvist '53 p272-5
- CYCADS**
Thieret, J. W. Economic botany of the cycads. Econ Bot 12:33-41 Ja '58
- CYCLAMEN mites**
Allen, W. W. and others. Effectiveness of various pesticides against the cyclamen mite on strawberries. J Econ Entom 50: 652 O '57
- CYCLIC compounds**
See also
Chelation
- CYCLONES**
Nupen, W. Annotated bibliography on tropical cyclone theory. Meterol Abst & Bibliog 7:1405-43 N '56
Nupen, W. and Righv, M. Annotated bibliography on tropical cyclones, hurricanes and typhoons. Meterol Abst & Bibliog 7: 1115-63 S '56
Thuronyi, G. Annotated bibliography on tropical cyclone effects. Meterol Abst & Bibliog 7:1270-1309 O '56
- CYCLOPROPANE**
Slabey, Vernon A. and others. Hydrocarbon and non-hydrocarbon derivatives of cyclopropane. (U.S. Nat. advisory com. for aeronautics. Rep. 1112) U.S. Gov. ptg. office '53 p 14-16
- CYCLOPS**
Lindberg, K. Le groupe cyclops rubens (syn. cyclops strenuus) revision du genre cyclops s.str. (O. F. Müller 1770) (crustacés copépodes) Gleerup '57 p272-335
- CYLINDERS**
Lee, L. H. N. and Ades, C. S. Plastic torsional buckling strength of cylinders including the effects of imperfections. J Aero Sci 24:248+ Ap '57
Nash, W. A. Effect of large deflections and initial imperfections on the buckling of cylindrical shells subject to hydrostatic pressure. J Aero Sci 22:268-9 Ap '55
Thaulow, S. Tensile splitting test and high strength concrete test cylinders. Am Concrete Inst J 28:705-6 Ja '57
- CYNIPIDAE.** See Gall flies
- CYPERACEAE**
Löve, A. and others. Cytotaxonomy of carex section capillares. Can J Bot 35:749-61 S '57
- CYPRINIDAE**
Brown, J. L. Key to the species and subspecies of the cyprinodont genus fundulus in the United States and Canada east of the continental divide. Wash Acad Sci J 47:76-7 Mr '57
Outten, L. M. Study of the life history of the cyprinid fish notropis coccogenis. Elisha Mitchell Sci Soc J 73:82-4 My '57
- CYRIL of Alexandria, Saint, 370?-444**
Burghardt, Walter J. Image of God in man, according to Cyril of Alexandria. (Catholic univ. of Am. Studies in Christian antiquity, no 14) Catholic univ. of Am. press '57 p x-xii
- CYRILLIC manuscripts.** See Manuscripts, Cyrillic
- CYSTEINE**
Sullivan, W. D. Effect of ultraviolet radiation and the interaction with sulfur compounds on growth and division of tetrahymena. Am Micros Soc Trans 78:192-3 Ap '59
- CYSTS**
See also
Tumors
- CYTOCHROME oxidase**
Richardson, M. Cytochrome oxidase in cells of the genus brucella. J Bact 74:705-6 D '57
- CYTOCHROMES**
Crane, F. L. Electron transport and cytochromes of sub-cellular particles from cauliflower buds. Plant Physiol 32:625 N '57
Grimm, P. W. and Allen, F. J. Promotion by zinc of the formation of cytochromes in ustilago sphaerogena. Plant Physiol 29: 376-7 Jl '54
Hackett, D. P. and Haas, D. W. Oxidative phosphorylation and functional cytochromes in skunk cabbage mitochondria. Plant Physiol 33:32 Ja '58
- CYTODIAGNOSIS.** See Diagnosis, Cytologic
- CYTOLOGY.** See Cells
- CYTOPLASM**
Edwardson, J. R. Cytoplasmic male-sterility. Bot R 22:732-8 D '56
- CYTOPLASMIC genes.** See Plasmagenes
- CZECH drama**
Translations from Russian
Šrámek, Vladimír. Hry k 40. výročí velké říjnové revoluce. Dilla '57 104p
- CZECH literature**
Prague. Universita Karlova. Knihovna. Klasikové české literatury 19. století [sest] Helena Winklerová. (Čteme a studujeme, 1953, no2) The library '58 140p
See also
Folk literature, Czech
- Translations from French
Pistorius, Jiří. Destin de la culture française dans une démocratie populaire: la présence française en Tchécoslovaquie, 1948-1956; étude et documents; préf. de Marc Blanchpain [sic] Iles d'or '57 p274-85
- Translations from Russian
Prague. Výzkumný ústav pedagogický J. A. Komenského. Přehled překladů z ruske a sovětské literatury pro mládež do čestiny, z let 1900-1950; zpracovali Pravoslav Hykeš a Zdeňka Marčanová. (Zprávy) The institution '52 56p
- Translations from Slavic literature
Bečka, Josef, ed. Slavica v české řeči; v 1: České překlady ze slovanských jazyků do r. 1860; s kolektivem spolupracovníků Slovanského ústavu ČSAV. (Československá akad. věd. Sekce jazyka a literatury. Studie a prameny, v3) Nakl. Československé akad. věd '55 164p

CZECHOSLOVAKIA

- Bušek, Vratislav, and Spulber, Nicolas, eds. Czechoslovakia; pub. for the Mid-European studies center of the Free Europe committee. (East-Central Europe under the Communists; Praeger pub. in Russian history and world communism, no 19) Praeger '57 p484-99
- Chicago. University. Division of the social sciences. Study of contemporary Czechoslovakia; ed: Jan Hadja [and others] contributors: Josef Anderle [and others] prelim. ed The university '55 p627-37
- Cihlář, Miroslav. K vývoji státní správy v CSR. Právníckého ústavu Ministerstva spravedlnosti '53 p411-16
- Dissertationen zur problematik des böhmisch-mährischen raumes. (Schriftenreihe, no 1) Sudetendeutsches archiv '5-? 1v
- Nejedlý, Zdeněk. Litomyšl, tisíc let života českého města. 2d ed (Sebrané spisy, v36-37) Státní nakl. politické literatury '54 2v v2, p203-17
- Prague. Universita Karlova. Knihovna. Poznejme svou vlast; zpraco: Josef Bleha a Helena Winklerová. (Čteme a studujeme, 1956, no8) The library '56 49p
- Warsaw. Biblioteka narodowa. Instytut bibliograficzny. Czechosłowacja; bibliografia, 1946-1955; zestawily: Maria Dembowska [and others] The library '56 74p

History

- Československá akademie věd. Historický ústav. Přehled československých dějin; v 1, Do roku 1848. The academy '53 p771-95
- Macek, Josef. Tábor v husitském revolučním hnutí. 2d ed (Československá akad. věd. Sekce filosofie a historie. Práce, v 1-2) Nakl. Československé akad. věd '56 2v v2, p408-17
- Plaschka, Richard Georg. Von Palacky bis Pekar; geschichtswissenschaft und nationalbewusstsein bei den Tschechen; mit einem nachwort von Heinrich Felix Schmid. (Wiener archiv für geschichte des slawentums und Osteuropas, v 1) H. Böhlau nachf. '55 p 111-19
- Prague. Universita Karlova. Knihovna. Rijnová revoluce; soupis literatury o velké rijnové socialistické revoluci a jejím ohlasu v Československu; sest. Vilém Nový. (Čteme a studujeme, v 1957, no5) The library '57 50p
- Thomson, Samuel Harrison. Czechoslovakia in European history. 2d ed enl Princeton univ. press '53 p451-67

Historiography

- Plaschka, Richard Georg. Von Palacky bis Pekar; geschichtswissenschaft und nationalbewusstsein bei den Tschechen; mit einem nachwort von Heinrich Felix Schmid. (Wiener archiv für geschichte des slawentums und Osteuropas, v 1) H. Böhlau nachf. '55 p 111-19

Industries

- Prague. Státní knihovna společenských věd. Organizace a řízení průmyslu v CSR; výběr z knih a článků, 1945-1956. The library '57 14p

D

DDT (insecticide)

- Ginsburg, J. M. and Reed, J. P. Survey on DDT-accumulation in soils in relation to different crops. J Econ Entom 47:474 Je '54
- Harlow, P. A. Toxicity of DDT in abrasive and non-abrasive dusts to the rice weevil, *calandra oryzae* L. (coleopt., curculionidae) Ann Ap Biol 45:112-13 Mr '57
- Hewlett, P. S. Interpretation of dosage-mortality data for DDT-resistant houseflies. Ann Ap Biol 46:45-6 Mr '58
- Hueck, Hendrik Jacobus. Population-dynamics of the fruit tree red spider (metatetranychus ulmi Koch 1836, acar, tetranychidae) with special reference to the influence of DDT. De Jong '53 p 116-30
- Lindquist, D. A. and Dahm, P. A. Metabolism of radioactive DDT by the Madeira roach and European corn borer. J Econ Entom 49:583-4 O '56

- MacCollom, George B. Effects and correction of DDT phytotoxicity to cucumbers. (Memoir 339) Agricultural experiment station, Cornell univ. '56 p44-7
- Merrell, D. J. and Underhill, J. C. Selection for DDT resistance in inbred, laboratory, and wild stocks of *drosophila melanogaster*. J Econ Entom 49:306 Je '56
- Stringer, A. and others. Insecticidal activity and chemical constitution: analogues and isosteres of DDT. Ann Ap Biol 43:377-8 S '55

DNA. See Deoxyribonucleic acid

DADAISM

- Verkauf, Willy, ed. Dada; monograph of a movement [co-ed: Marcel Janco & Hans Bolliger] Nizgii '57 p 176-83

DAFFODILS. See Narcissus

DAGESTAN

- Adyghe, R. Literature on Dagestan and its people. Caucasian R no4:101-18 '57

DAGUERREOTYPE

- Gernsheim, Helmut, and Gernsheim, Alison. L. J. M. Daguerre (1787-1851) the world's first photographer. World pub. '56 p 191-201

DAHOMEY

- Akintélé, Adolphe, and Aguessy, Cyrille. Contribution à l'étude de l'histoire de l'ancien royaume de Porto Novo. (Mémoires, no25) Inst. français d'Afrique noire '53 p 163-8

DAIRY bacteriology

- Foster, Edwin Michael, and others. Dairy microbiology. Prentice-Hall '57 incl bibliog
- Frayer, James Marshall. Application of the coliform test to pasteurized milk and cream. (Bul. 578) Agricultural experiment station, Univ. of Vt; State agricultural college '55 p 13-14
- Hammer, Bernard Wernick, and Babel, Frederick John. Dairy bacteriology. 4th ed Wiley '57 incl bibliog
- Olson, J. C. and others. Nature, significance and control of psychrophilic bacteria in dairy products. J Milk & Food Tech 18:203 Ag '55
- See also
Milk—Bacteriology

DAIRY barns. See Barns and stables

DAIRY industry and trade

- Schlebecker, John T. and Hopkins, Andrew W. History of dairy journalism in the United States, 1810-1950. Univ. of Wis. press '57 p384-90
- Snodgrass, Milton M. and French, Charles E. Linear programming approach to the study of interregional competition in dairying. (S. B. 637) Agricultural experiment station, Purdue univ. '58 p28

DAIRY products

- Dryden, L. P. and others. Comparative assay for vitamin B₁₂ in certain milk products by various rat growth methods. J Nutrition 59:100-2 My '56
- Hartman, A. M. and others. Vitamin B₁₂ content of milk and milk products as determined by rat assay. J Nutrition 59:86-3 My '56

- Keeney, M. and Bassette, R. Detection of intermediate compounds in the early stages of browning reaction in milk products. J Dairy Sci 42:959-60 Je '59

- Rojko, Anthony Stanley. Demand and price structure for dairy products. (Technical bul. no 1168) U.S. Dept. of agriculture '57 p224-33

See also

- Butter
Casein
Cheese
Cream
Dairying
Milk
Starters (dairy products)

DAIRY waste

- Hoover, S. R. and others. Biochemical oxidation of dairy wastes. Sewage & Ind Wastes 25:206; 28:1136 F '53, S '56
- Jasiewicz, L. and Porges, N. Aeration of whey wastes. Sewage & Ind Wastes 30: 560-1; 31:446 Ap '58, Ap '59
- Treble, H. A. and Harding, H. G. Fundamentals of the control and treatment of dairy waste. Sewage & Ind Wastes 27:1381-2 D '55
- Wasserman, A. E. and others. Whey utilization—growth conditions for *saccharomyces fragilis*. Sewage & Ind Wastes 30:919-20 J1 '58

DAIRYING

- Abstracts of literature. See numbers of Journal of dairy science
- Brunnfält, Gustaf. Mjölksproduktionens säsongvariation med särskild hänsyn till dess inverkan på foderkostnaderna vid produktionen. Almqvist '52 p 158-65
- Commonwealth bureau of dairy science. Dairy science abstracts. The bureau. See numbers
- 100 Jahre milchwirtschaft in Weihenstephan, 1852-1952; festschrift zur Erinnerung an begründung, ausbau und entwicklung der milchwirtschaftlichen lehre und forschung in Weihenstephan im laufe eines jahrhunderts. Süddeutsche versuchs- & forschungsanstalt für milchwirtschaft '55 p 97-153
- Roeder, Georg. Grundzüge der milchwirtschaft und des molkeiwesens. Parey '54 p775-93
- United States. Superintendent of documents. Animal industry. (Price list 38, 53d ed) U.S. Gov. ptg. office '59 12p
- Yapp, William Wodin, and Nevens, William Barbour. Dairy cattle; sel. feeding, and management. 4th ed (Wiley farm ser) Wiley '55 incl bibliog
- See also
- Dairy products
- Milking

DAKOTA Indians

- Hyde, George E. Red Cloud's folk; a history of the Oglala Sioux Indians. (Civilization of the Am. Indian) Univ. of Okla. press '67 p321-4
- Oehler, Charles M. Great Sioux uprising. Oxford '59 p243-6
- Stewart, Edgar Irving. Custer's luck. Univ. of Okla. press '55 p496-506

DALL, William Healey, 1845-1927

- Woodring, W. P. William Healey Dall. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p 107-13)

DALLENBACH, Karl M. 1887-

- McGrade, M. C. Bibliography of the writings of Karl M. Dallenberg. Am J Psychol 71: 41-9 Mr '58

DAMASK weaving

- Schreus, T. and Braun-Ronsdorf, M. Damask. Ciba R no 110:3994 Je '55

DAMIEN DE VEUSTER, Joseph, 1840-1889

- Jourdain, Vital. Heart of Father Damien, 1840-1889; tr. from the French by Francis Larkin and Charles Davenport. Bruce pub. '55 p427-32

DAMPING (mechanics)

- Benton, Mildred Catherine. Devices for damping mechanical vibrations; a bibliography. (Bibliog. no 10, pt 1) U.S. Naval research laboratory '56 94p

DAMS

- Bourgin, André. Design of dams. Pitman '53 p339-40
- Hilf, J. W. Compacting earth dams with heavy tamping rollers. Am Soc Civil Eng Proc 83 [SM2 no 12051:22-8 '57
- Lloyd, H. E. and others. Rockfill dams. Am Soc Civil Eng Proc 84 [PO 4 no1733-1749] Ag '58 incl bibliog
- United States. Bureau of reclamation. Davis dam and powerplant; technical record of design and construction. Davis dam project, constructed 1942-53. The bureau '55 p413-14
- United States. Bureau of reclamation. Hungry Hores dam and powerplant; technical record of design and construction; constructed 1948-1953; Hungry Horse project, Montana. The bureau '58 p343-6

See also

Hydroelectric plants

Tennessee River valley

- Tennessee Valley authority. Upper Holston projects: Watauga, South Holston, Boone, and Fort Patrick Henry; a comprehensive rep. on the planning, design, construction, initial operations, and costs of four hydro projects in the Holston basin at the eastern tip of Tennessee; Improvement of the minor Wilbur project incl. as an appendix. (Technical rep. no 14) U.S. Gov. ptg. office '58 incl bibliog

DANCE music

See also

Jazz music

DANCE of death

- Rosenfeld, Hellmut. Der mittelalterliche toten-tanz; entstehung, entwicklung, bedeutung. (Archiv für kulturgeschichte. Sup. no3) Böhlau '54 p337-63

DANCING

- American association for health, physical education, and recreation. National section on dance. Dance research; reference materials with suggestions for future research; ed. by Virginia Moomaw. The association '58 54p

- Brünn, Universita. Knihovna. Tanec; seznam taneční literatury v Universitní knihovně v Brně; sest. V. Bednářová a R. Trautmann. (Výběrový seznam, 18) The library '57 38p

- Eames, M. When all the world was dancing. N Y Pub Lib Bul 61:383-95 Ag '57 annot
- Same, with additions. N.Y. Public lib. '57 16p annot

- Guide to dance periodicals; an analytical index of articles and ils, 1931-1935[-1955-1956] comp. by S. Yancey Belknap. (V 1-7) Univ. of Fla. press '48-'59 7v

- Hayes, Elizabeth R. Dance composition and production for high schools and colleges. Barnes '55 p 167-76 annot

- New York (city). Board of education. Physical activities for elementary schools; a manual for physical activities in the health education program. (Curriculum bul. 1956-57 ser, no9) The board '58 p248-50

- Playford, John. English dancing master, 1651; a facsimile reprint, with an intro, bibliog. and notes by Margaret Dean-Smith. Schott '57 p vii-viii, xxi-xxxi

- Prague. Universita Karlova. Knihovna. Knihy o hudbě a tanci [1945-1957] (Čteme a studujeme, v 1957, no4) The library '57 81p

- Respublikiniai laudies kūrybos namai. Lietuvių laudies šokių ir žaidimų autorinis sąrašas; paruošė LTSR Respublikinė choreografinė sekcija. The center '57 18p

- Richardson, Philip John Sampey. Bibliographical descriptions of forty rare books relating to the art of dancing, in the collection of P. J. S. Richardson; comp. by Ifan Kyrie Fletcher. Dancing times '54 20p

- Rosen, Elizabeth. Dance in psychotherapy. (Studies in education) Teachers college '57 p 156-60

- Turner, Margery J. Dance handbook. Prentice-Hall '59 incl bibliog

- Woody, Regina Llewellyn (Jones). Young dancer's career book. Dutton '58 p 174-8

See also

Ballet

Indians of North America—Dances

Folk and national dancing

- Folk dance guide. 9th annual edition. Paul Schwartz '59 p24-32
- Lekis, Lisa. Folk dances of Latin America. Scarecrow '58 incl bibliog annot
- Mooney, Gertrude X. Mexican folk dances for American schools; ed. by R. S. Boggs. (Miami. Univ. Hispanic-Am. studies, no 14) Univ. of Miami press '57 p 159-63

DANDELIONS

- Hofsten, Carl Gustaf von. Studier över släktet taraxacum Wigg. med särskild hänvisning till gruppen vulgaria Dt i Skandinavien. Studies on the genus taraxacum Wigg; with special reference to the group vulgaria Dt in Scandinavia. LTs förlag '54 p420-32

DANIEL-ROPS, Henry (Henry Jules Charles Petiet) 1901-

- Œuvres de Daniel-Rops; essai de bibliographie. Biblio 24:11-12 Ja '56

DANISH folklore. See Folklore, Danish

DANISH literature

Translations from Russian

- Malinovski, Ivan. Russiske bøger i danske oversættelser; en bibliografi. Borgen '53 51p

DANISH poetry

- Holst, Poul. Dansk digtkatalog; alfabetisk nøgle til et udvalg af dansk versdigtning fra ca 1660 til 1953. Dansk bibliog. kontor '56 641p

DANTE Alighieri, 1265-1321

- American Dante bibliography, 1953[-1958] (In Dante society of America. Annual report, no68-72-77) The society '54-'59 6v no68-72, p43-9; no73, p53-66; no74, p45-63; no75, p19-40; no76, p39-61; no 77, p41-63 annot

- DANTE Alighieri—Continued**
 Davis, Charles Till. Dante and the idea of Rome. Oxford '57 p270-82
 Literaturbericht. Deutsch Dante-Jahrb 29/30:224-50; 31/32:168-229; 33:225-43; 34/35:183-226; 36/37:220-47 '51. '53-'54. '57-'58
 Stambler, Bernard. Dante's other world; the Purgatorio as guide to the Divine comedy. N.Y. univ. press '57 p373-83
 Vittorini, Domenico. Age of Dante; a concise history of Italian culture in the years of the early renaissance. Syracuse univ. press '57 p 170-6
- DANUBE river**
 Töry, Kálmán. A Duna es szabályozása. Akadémiai kiadó '52 p405-10
- DA PONTE, Lorenzo, 1749-1838**
 FitzLyons, April. Libertine librettist; a biography of Mozart's librettist, Lorenzo da Ponte. Abelard-Schuman '57 p279-88
- DARIO, Rubén, 1867-1916**
 Dario, Rubén. Poesías completas; ed, introd. y notas de Alfonso Méndez Plancarte. Aguilar '54 p 1273-1398
- DARK ages.** See Middle ages
- DARMSTADT, Germany**
 Zimmer, Werner. Darmstadt; grenzen und möglichkeiten einer stadt. (Rhein-mainische forschungen, no41) Kramer '54 p 103-7
- DARROW, Clarence Seward, 1857-1938**
 Noble, Iris. Clarence Darrow: defense attorney. Messner '58 p 187
- DARTERS (fishes)**
 Fahy, W. E. Life history of the northern greenside darter, *etheostoma blennioides blennioides* rafinesque. Elisha Mitchell Sci Soc J 70:202-5 D '54
- DARWIN, Charles Robert, 1809-1882**
 Commemoration of the centennial of the publication of the Origin of species by Charles Darwin. Am Philos Soc Proc 103: 159-319 Ap '59 incl bibliog
 Darwin, Charles Robert. Darwin reader; ed. by Marston Bates and Philip S. Humphrey. Scribner '56 p445-55
 Darwin, Charles Robert. Originea speciilor [prin selectie naturală; sau, Păstrarea raselor favorizate în lupta pentru existență] (Clasicii științei universale, 2) Editura Academiei Republicii Populare Române '57 p lxxv-lxxxii
 Darwin, Francis, ed. Life and letters of Charles Darwin; incl. an autobiographical chapter; ed. by his son, Francis Darwin; foreword by George Gaylord Simpson. Basic bks. '59 2v v2, p533-41
 Moore, Ruth E. Charles Darwin; a great life in brief. (Great lives in brief; a new ser. of biographies) Knopf '55 p203-6 annot
- DASSONVILLE, Gustave Arthur**
 Lambert, Jacques de. Bibliographie des œuvres de Gustave-Arthur Dassonville (1934-1954) Cézanne '55 16p
- DATING, Radiocarbon.** See Radiocarbon dating
- DATINI, Francesco di Marco, 1335?-1410**
 Origo, Iris (Cutting) marchesa. Merchant of Prato, Francesco di Marco Datini, 1335-1410. Knopf '57 p394-400
- DATURA**
 Avery, Amos Geer, and others. Blakeslee: the genus *datura*; foreword and biographical sketch by Edmund W. Sinnott. (Chronica botanica, no20) Ronald '59 p xxxi-xli, 263-74
- DAUBLER, Theodor, 1876-1934**
 Daubler, Theodor. Dichtungen und schriften; hrsg. von Friedhelm Kemp. Kösel '56 p893-8
- DAUTZENBERG, Philippe, 1849-**
 Brussels. Institut royal des sciences naturelles de Belgique. Ph. Dautzenberg's collection of cypræidae, by F. A. Schilder and M. Schilder. (Mémoires. ser 2, no 45) The institute '52 p236-9
- DAVIES, Godfrey, 1892-1957**
 Davies, Godfrey. Essays on the later Stuarts [bibliog. by P. H. Hardacre] (Huntington lib. pubs) Henry E. Huntington lib. & art gallery '58 p 125-33
- DÁVILA PADILLA, Agustín, abp of Santo Domingo, 1562-1604**
 Dávila Padilla, Agustín. Historia de la fundación y discurso de la provincia de Santiago de México, de la Orden de Predicadores; prólogo de Agustín Millares Carlo. 3d ed (Coll. de grandes crónicas mexicanas, 1) Editorial Academia litteraria '55 p xvlii-xxvii
- DAVIS, James John, 1873-1947**
 United States. Library of Congress. Manuscript division. James J. Davis; a register of his papers in the Library. The division '58 9p
- DAVIS, Jefferson, 1808-1889**
 Strode, Hudson. Jefferson Davis. Harcourt '55-'59 2v v 1. p436-40; v 2. p 523-44 annot
- DAVIS, Rebecca Blaine (Harding) 1831-1910**
 Stemple, R. M. Rebecca Harding Davis, 1831-1910: a check list. Bul Bibliog 22:83-5 S '57
- DAVIS, Richard Harding, 1864-1916**
 Miner, Lewis S. Front lines and headlines; the story of Richard Harding Davis. Messner '59 p 183-5
- DAY nurseries**
 Colorado. Department of public welfare. Library. Day care for children. (Lib. counselor, v 13, no2) The library '58 22p annot
- DEAD, The**
 See also
 Funeral rites and ceremonies
- DEAD Sea scrolls**
 Allegro, John Marco. Dead Sea scrolls and the origins of Christianity. Criterion bks. '57 p227-39
 Bibliographie. See numbers of Revue de Qumran
 Burchard, Christoph. Bibliographie zu den Handschriften vom Toten meer. (Zeitschrift für die alttestamentliche wissenschaft. Beiheft 76) Topelmann '57 118p
 Burrows, Millar. Dead Sea scrolls; with trs. by the author. Viking '55 p419-35
 Burrows, Millar. More light on the Dead Sea scrolls; new scrolls and new interpretations; with tr. of important recent discoveries. Viking '58 411-24
 Fritsch, Charles Theodore. Qumrān community; its history and scrolls. Macmillan '56 p 131-41
 Kahle, Paul Eric. Die hebräischen handschriften aus der höhle; Franz Delitzsch-vorlesungen. Kohlhammer '51 p82-90
 Lamadrid, Antonio González. Los descubrimientos de Qumrán. Inst. español de estudios eclesiásticos '56 p397-409
 Lasor, W. S. Bibliography of the Dead Sea scrolls, 1948-1957. Fuller Lib Bul no31:1-92 Fall '58
 Milik, Józef Tadeusz. Ten years of discovery in the wilderness of Judaea; tr. by J. Strugnell. (Studies in biblical theology, no26) Alenison '59 p 147-50 annot
 Molin, Georg. Die söhne des liches; zeit und stellung der handschriften vom Toten Meer. Herold '54 p230-1
 Rowley, Harold Henry. Zadokite fragments and the Dead Sea scrolls. Blackwell '52 p89-125
 Schubert, Kurt. Dead Sea community; its origin and teachings; tr. by John W. Doberstein. Harper '59 p 165-70
 Vermès, Géza. Les manuscrits du désert de Juda. Desclée '53 p203-11
 —Same; with title: Discovery in the Judean desert. Desclée '56 p223-37
 Wernberg-Møller, P. Manual of discipline; tr. and annot. with an introduction. (Studies on the texts of the desert of Judah, v 1) Eerdmans '57 p 167-78
 Zeitlin, S. More literature on the Dead Sea scrolls; more pseudo-scholarship. Jewish Q R 49:221-38 Ja '59
- DEAF**
 Abstracts. See numbers of Journal of speech and hearing disorders
 Doctors' dissertations and masters' theses on the education of the deaf, 1897-1955. Am Ann Deaf 100:343-417 S '55
 Doctor's dissertations and masters' theses on the education of the deaf, 1956[-1959] Am Ann Deaf 101:81-8; 102:169-77; 103:151-7; 104:93-101 Ja '56, Ja '57, Ja '58, Ja '59
 Ewing, Alexander William Gordon, ed. Educational guidance and the deaf child. Volta '5-? p333-8
 Graduate theses in speech and hearing disorders, 1954[-1955] J Speech & Hear Dis 21:94-100; 22:104-12 Mr '56, Mr '57
 Levine, Edna S. Youth in a soundless world; a search for personality. N.Y. univ. press '57 p201-10
 Review of publications. Am Ann Deaf 101: 104-17; 102:157-63; 103:136-44; 104:79-86 Ja '56, Ja '57, Ja '58, Ja '59

DEAF—*Continued*

Schunhoff, Hugo F. Teaching of speech and by speech in public residential schools for the deaf in the United States, 1815-1955. West Va. schools for the deaf & the blind '57 p83-99

Tervoort, Ben Th. M. Structurele analyse van visueel taalgebruik binnen een groep dove kinderen. Noord-Hollandsche uitg. mij. '53 2v v2, p 166-74

DEAFNESS

American public health association. Committee on child health. Services for children with hearing impairment; a guide for public health personnel. The association '56 p 121-4

Conant, R. G. Causes of deafness. *Ind Med* 25:58 F '56

Stevenson, A. C. and Cheeseman, E. A. Hereditary deaf mutism, with particular reference to Northern Ireland. *Ann Hum Genet* 20:206-7 F '56

Streng, Alice, and others. Hearing therapy for children. Grune '55 incl bibliog
—Same. 2d rev ed Grune '58 incl bibliog

DEARNESS, John, 1852-1954

Tamblyn, W. F. John Dearness. *Mycologia* 47:914-15 N '55

DEATH

Diaconită, G. Moartea subită; studiu morfopatologic și medico-judiciar. (Biblioteca medicală. 2) Editura Academiei Republicii Populare Romine '57 p267-71

See also

Mortality

Causes

See also

Autopsy

DEATH, Dance of. *See* Dance of death

DEATH penalty. *See* Capital punishment

DEATH rate. *See* Mortality; Vital statistics

DEBARKING, Chemical. *See* Bark peeling

DEBATES and debating

Musgrave, George McCoy. Competitive debate; rules and techniques. 3d ed Wilson '57 p 150-66 annot

See also

Discussion

Forums (discussion and debate)

Public speaking

DEBO, Angie, 1890-

Poulton, H. J. Angie Debo: a checklist. *Bul Bibliog* 22:15-17 S '56

DE BOW, James Dunwoody Brownson, 1820-1867

Skipper, Otis Clark, J. D. B. De Bow: magazinist of the Old South. Univ. of Ga. press '58 p259-61

DEBRUNNER, Albert, 1884-

Sprachgeschichte und wortbedeutung; fest-schrift. Albert Debrunner gewidmet von schülern, freunden und kollegen [bibliog. by G. Redard] Francke '54 p447-73

DEBT

See also

Collecting of accounts

DEBTS, Municipal. *See* Municipal finance

DEBTS, Public

Rist, Marcel. La Federal reserve et les difficultés monétaires d'après guerre, 1945-1950; préf. de Jean Marchal. (Fondation nationale des sciences politiques. Cahiers, 34) Colin '52 p357-65

DECAPODA (crustacea)

Dall, W. Observations on the biology of the green-tail prawn, *metapenaeus mastersii* (Haswell) (crustacea decapoda: penaeidae). Australian J Marine & Freshwater Res 9: 132-4 Mr '53

DECISION making

Edwards, W. Theory of decision making. *Psychol Bul* 51:411-17 J '54

Siegel, S. Level of aspiration and decision making. *Psychol R* 64:261-2 J '57

Wasserman, Paul, and Slander, Fred S. Decision-making; an annot. bibliography. Graduate school of business & public adm. Cornell univ. '58 11p

DECISION problems. *See* Statistical decision

DECOMPOSITION

Lawson, L. R. and Still, C. N. Biological decomposition of lignin—literature survey. *Tappi* 40:58A-+ S '57

Patrick, Z. A. and Koch, L. W. Inhibition of respiration, germination, and growth by substances arising during the decomposition of certain plant residues in the soil. *Can J Bot* 36:646-7 S '58

See also

Hydrolysis

Pyrolysis

DECORATION and ornament

See also

Church decoration and ornament

Enamel and enameling

Furniture

Illumination of books and manuscripts

Illustration of books

Interior decoration

Ironwork

Jewelry

Mosaics

Mural painting and decoration

Plants in art

Wood carving

History

Debcs, Dietmar. Das ornament; wesen und geschichte; ein schriftenverzeichnis. Seemann '56 101p

DECORATIONS of honor

See also

Medals

DECORATIVE arts. *See* Arts and crafts; Design, Decorative; Interior decoration

DEEP sea deposits

Volchok, Herbert L. and Kulp, John Laurence. Ionium method of age determination. Lamont geological observatory, Columbia univ. '55 p 162-7

DEER

Christensen, E. M. Historical view of the ranges of the white-tailed deer in northern Wisconsin forests. *Am Midl Natur* 61:236-8 Ja '59

Gill, J. Regional differences in size and productivity of deer in West Virginia. *J Wildlife Mgt* 20:291-2 J '56

Progulski, D. R. and Baskett, T. S. Mobility of Missouri deer and their harassment by dogs. *J Wildlife Mgt* 22:192 Ap '58

Robinette, W. L. and others. Differential mortality by sex and age among mule deer. *J Wildlife Mgt* 21:14-16 Ja '57

Robinette, W. L. and others. Fertility of mule deer in Utah. *J Wildlife Mgt* 19:135-6 Ja '55

Smith, F. H. and others. Chemical composition of herbage browsed by deer in two wildlife management areas. *J Wildlife Mgt* 20:366-7 O '56

Taylor, Walter Penn, ed. Deer of North America; the white-tailed, mule and black-tailed deer, genus *odocoileus*; their history and management. Stackpole co; Wildlife management inst. '56 p619-51

Wisconsin. State conservation department. Century of Wisconsin deer. by Otis S. Bersing. The department '56 p 167-84

See also

Reindeer

DEFECTIVES

See also

Blind

Castration of criminals and defectives

Children, Abnormal and backward

Crime and criminals

Deaf

Deformities

Juvenile delinquency

Sterilization of criminals and defectives

DEFENSE, Civilian. *See* Civilian defense

DEFENSES, Air. *See* Air defenses

DEFICIENCY diseases

Autret, Marcel, and Behar, Moise. Le syndrome de polycarence de l'enfance en Amérique centrale (kwashiorkor) (Etudes de nutrition de la FAO, no 13) Food & agriculture organization of the United nations '55 p72-5

—Same; with title: Síndrome policarencial infantil (kwashiorkor) y su prevención en la América Central. (FAO estudios sobre nutrición, no 13) Food & agriculture organization of the United nations '55 p79-84

Bagchi, K. and others. Etiology of phrynodermia. *Am J Clin Nutrition* 7:257-8 My '59

DEFICIENCY diseases—Continued

- Barboraak, J. J. and others. Effect of partial pantothenic acid deficiency on reproductive performance of the rat. *J Nutrition* 63:598-9 D '57
- Bell, E. C. Nutritional deficiencies and emotional disturbances. *J Psychol* 45:66-74 Ja '58
- Bunnell, R. H. and others. Studies on encephalomalacia in the chick. *Poultry Sci* 35:451 Mr '56
- Follis, Richard Holden. Deficiency disease; functional and structural changes in mam-malia, which result from exogenous or endogenous lack of one or more essential nutrients. Thomas '58 p481-543
- Food and agriculture organization of the United nations. Protein malnutrition; proceedings of a conference in Jamaica (1953) sponsored jointly by the Food and agricul-ture organization of the United na-tions (F.A.O.) World health organization (W.H.O.) Josiah Macy Jr foundation, N.Y.; ed. by J. C. Waterlow. Cambridge '55 incl bibliog
- Frenek, S. and others. Fatty liver in children —kwashiorkor. *Am J Clin Nutrition* 6:305-7 My '58
- Gilbert, Frank Albert. Mineral nutrition and the balance of life. Univ. of Okla. press '57 p264-336
- Haggard, R. and others. Bone healing in lysine-deficient rats. *J Nutrition* 57:315-17 N '55
- Higgins, E. S. and others. Molybdenum defi-ciency and tungstate inhibition studies. *J Nutrition* 59:558-9 Ag '56
- Holemans, K. and Lambrechts, A. Nitrogen metabolism and fat absorption in malnu-trition and in kwashiorkor. *J Nutrition* 56: 492-4 Ag '55
- Nelson, M. M. and others. Multiple congenital abnormalities resulting from transitory defi-ciency of pteroylglutamic acid during ges-tation in the rat. *J Nutrition* 56:362-3 Jl '55
- North, J. D. K. and Sinclair, H. M. Effect of a combined deficiency of thiamine and of pantothenic acid on the nervous system of the rat. *J Nutrition* 61:232-4 F '57
- Shaw, J. H. Effect of nutritional factors on bones and teeth. *N Y Acad Sci Ann* 60 no5:757-62 '55
- Smith, S. E. and Loosli, J. K. Cobalt and vitamin[B₁₂] in ruminant nutrition. *J Dairy Sci* 40:1224-7 O '57
- Whiting, F. and Bezeau, L. M. Calcium, phosphorus, and zinc balance in pigs as influenced by the weight of pig and the level of calcium, zinc, and vitamin D in the ration. *Can J Animal Sci* 38:116-17 D '58
- Zucker, T. F. Pantothenic acid deficiency and its effect on the integrity and functions of the intestines. *Am J Clin Nutrition* 6:73-4 Ja '58
- See also*
- Diet
- Metabolism
- Minerals in the body
- Scurvy
- Vitamins

DEFICIENCY diseases in plants

- Gilbert, Frank Albert. Mineral nutrition and the balance of life. Univ. of Okla. press '57 p264-336
- Kalra, G. S. Responses of the tomato plant to calcium deficiency. *Bot Gaz* 118:36-7 S '56
- Mulder, E. G. Molybdenum in relation to growth of higher plants and micro-organ-isms. *Plant & Soil* 5:413-15 O '54
- Shannon, L. M. Internal bark necrosis of the Delicious apple. *Am Soc Hort Sci Proc* 64:173-4 '54
- Spurr, A. R. Anatomical aspects of blossom-end rot in the tomato with special refer-ence to calcium nutrition. *Hilgardia* 28 no 12:292-5 F '59
- DEFOE, Daniel**, 1661?-1731
- Brigham, C. S. Bibliography of American editions of Robinson Crusoe to 1830. *Am Antiq Soc Proc* 67 pt2:137-83 '58
- Fitzgerald, Brian. Daniel Defoe; a study in conflict. *Regnery* '55 p241-3
- Moore, John Robert. Daniel Defoe; citizen of the modern world. Univ. of Chicago press '58 p356-9

DEFOLIATION

- Mathiesen, Andres. Some observations on the defoliation of trees. (*Acta horti bergiani*, v 16, no8) Almqvist '53 p252-5

DEFORMATION of rocks. See Rocks—Deforma-tion**DEFORMATIONS (mechanics)**

- Lloyd, L. T. and Chiswick, H. H. Deforma-tion mechanismus of alpha-uranium single crystals. *J Metals* 7:12-14 N '55
- See also*
- Dislocations in metals
- Torsion

DEFORMITIES

- Association for the aid of crippled children. Mechanismus of congenital malformation; proceedings of the second scientific confer-ence of the Association, June 15 and 16, 1954. The association '54 p 119-22
- Bell, Julia. On hereditary digital anomalies; pt2. On syndactyly and its association with polydactyly; with note by L. S. Penrose. (*Treasury of human inheritance*, v5) Cam-bridge '53 p41-3
- Bremer, John Lewis. Congenital anomalies of the viscera; their embryological basis. Harvard univ. press '57 p 188-96
- Margolis, E. and Hasson, E. Hereditary mal-formations of the upper extremities in three generations. *J Heredity* 46:261-2 N '55
- Mayer, David McCullagh. and Swanker, Wil-son Abbs. Anomalies of infants and chil-dren. McGraw '58 incl bibliog

DEGAS, Edgar, 1834-1917

- Degas. Edgar. Edgar Degas [by Pierre Cabanne; tr. by Michel Lee Landa] Uni-versite bks. '58 p 127-33 annot
- Traz, Georges de. Degas [biographical and critical studies by François Fosca, pseud; tr. by James Emmons] (*Taste of our time*, v5) Skira '54 p 100-1

DEGENERATION (biology)

See also

Inbreeding**DEGOLYER, Everette Lee, 1886-1956**

- Denison, A. R. Everette Lee DeGolyer. (In *National academy of sciences. Biographical memoirs*. (V33) Columbia univ. press '59 p72-86)
- MacNaughton, L. W. Everette Lee DeGolyer (1886-1956) *Am Assn Pet Geol Bul* 41:972-4 My '57
- Pratt, W. E. Memorial to Everette Lee DeGolyer. *Geol Soc Am Proc* 1957:101-3 '58

DEHISCENCE (botany)

- Holden, D. J. Factors in dehiscence of the flax fruit. *Bot Gaz* 117:309 Je '56

DEHN, Günther, 1882-

- Bonn. Universitäts. Evangelisch-theologische fakultät. Festschrift für Günther Dehn zum 75. geburtstag am 18. april 1957. Verlag der. Buchhandlung des erziehungsvereins '57 p263-5

DEHYDRATED food. See Food, Dried**DEHYDRATED fruit. See Fruit, Dried****DEHYDRATION of food. See Food—Drying****DEHYDROGENASES**

- Price, C. A. and Thimann, K. V. Dehydro-genase activity and respiration; a quantita-tive comparison. *Plant Physiol* 29:499-500 N '54
- Smith, J. T. and others. Effect of egg yolk and its isolated constituents upon the dehydrogenase activity of bovine sperma-tozoa. *J Dairy Sci* 39:558-60 My '56
- Stafford, H. A. Tartaric acid dehydrogenase activity in higher plants. *Plant Physiol* 32: 344-5 Jl '57

DEHYDROGENATION

- Reidel, J. C. Butane dehydrogenation today employs fixed-bed methods. *Oil & Gas J* 55:122 D 9 '57

DELACROIX, Eugène, 1798-1863

- Apollonio, Umbro. Delacroix. (Biblioteca moderna Mondadori, 449) Mondadori '56 p 173-6

DE LA MARE, Walter John, 1873-1956

- National book league. Walter de la Mare; a checklist prepared on the occasion of an exhibition of his bks. and mss. at the League, 20th Apr. to 19th May 1956. The league '56 56p

DE LA RAMEE, Louise (Ouida, pseud) 1839-1908

- Stirling, Monica. Fine and the wicked; the life and times of Ouida. Coward-McCann '58 p217-20

DELAWARE

Description and travel

Writers' program. Delaware. Delaware; a guide to the first state; new and rev. ed. by Jeannette Eckman; ed. by Henry G. Alsberg. (Am. guide ser) Hastings house '55 p530-8

Politics and government

Dolan, Paul. Government and administration of Delaware. (Am. commonwealth ser) Crowell '56 p387-9

DELAWARE Indians

Newcomb, William Wilmon. Culture and acculturation of the Delaware Indians. (Anthropological papers, no 10) Museum of anthropology, Univ. of Mich. '56 p 132-41
Walam olum. Walam olum; or, Red score, the migration legend of the Lenni Lenape or Delaware Indians; a new tr. interpreted by linguistic, historical, archaeological, ethnological, and physical anthropological studies. Ind. historical soc. '54 incl bibliog

DELEGATION of powers

Institut zur förderung öffentlicher angelegenheiten. Die übertragung rechtsetzender gewalt im rechtsstaat. (Wissenschaftliche schriftenreihe, v 12) The institute '52 p430-46

DELHI, India

Siege, 1857

Leason, James. Red fort; the story of the Indian mutiny of 1857. Reynal & co. '57 p373-6

DELINQUENCY, Juvenile. See Juvenile delinquency

DELPHINIDAE. See Dolphins

DEMENTIA praecox. See Schizophrenia

DEMOCRACY

Blaich, Theodore Paul, and Baumgartner, Joseph Cornelius. Challenge of democracy. 3d ed rev McGraw '56 incl bibliog
Downs, Anthony. Economic theory of democracy. Harper '57 p301-4
Mayo, Henry Bertram. Democracy and Marxism; with a foreword by Walter Bedell Smith. Oxford '55 p339-53 annot
Spitz, David. Democracy and the challenge of power. Columbia univ. press '58 p211-22
See also
Liberty

DEMOCRACY and communism. See Communism and democracy

DEMOCRATIC party

Remini, Robert Vincent. Martin Van Buren and the making of the Democratic party. Columbia univ. press '59 p247-59

DEMOGRAPHY

Cox, Peter R. Addendum to demography; developments during 1949-54. Cambridge '55 p59-61
Demographic yearbook, 1955; prepared by Statistical office, Dept. of economic affairs. (V7) United Nations '55 p751-72
Glass, David Victor, ed. University teaching of social sciences: demography; a survey prepared under the auspices of the Int. union for the scientific study of population on the basis of regional and nat. reps. contributed by W. D. Borrie [and others] (Teaching in the social sciences) UNESCO '57 incl bibliog
Phelps, Harold, Augustus, and Henderson, David. Population in its human aspects. (ACC sociology ser) Appleton '58 incl bibliog
Population index. School of public affairs, Princeton univ. See numbers
See also
Vital statistics

DEMOLL, Reinhard, 1882.

Zooparasiten und fischpathogene keime im abwasser und fischwasser [bibliog. by S. Roegner-Aust and J. Bochl] (Münchner beiträge zur abwasser-, fischerel- und fischbiologie, no 1) Oldenbourg '53 p 14-19

DEMONOLOGY

Murray, Margaret Alice. God of the witches. Oxford '52 p 198-207
Rhodes, Henry Taylor Fowkes. Satanic mass; a sociological and criminological study. Citadel '55 p225-7
Robbins, Rossell Hope. Encyclopedia of witchcraft and demonology. Crown '59 p558-71
Summers, Montague. History of witchcraft and demonology 2d ed Univ. bks '56 p315-16

DEMULSIFIERS. See Surface active substances

DEMYTHOLOGIZATION

Marlé, René. Bultmann et l'interprétation du Nouveau Testament. (Theologie, 33) Eds. Montaigne '56 p 189-95

DENAZIFICATION

Kormann, John G. U. S. denazification policy in Germany, 1944-1950. Historical div. Office of the executive secretary, Office of the U. S. High Commissioner for Germany '52 p 142-53

DENDROCHRONOLOGY. See Tree rings

DENGUE

United States. Army. Chemical corps. Technical library, Frederick, Maryland. Bibliography on dengue and yellow fevers. The library '56 104p

DENISON university, Granville, Ohio

Chessman, G. Wallace. Denison: the story of an Ohio college. Denison univ. '57 p429-36 annot

DENMARK

Andersen, Poul Nyboe, and others. Borger i Danmark; en grundbog for studiekredse i medborgerkundskaab. 3d ed (Statsradiofonisens grundbøger) Schultz '55 p 180-96
Danske historiske forening. Dansk historisk bibliografi; v 1, 1943-1947, ved Henry Bruun. Hagerup '56 594p
Denmark. Udenrigsministeriet. Denmark. rev ed The ministry; Danish statistical dept. '56 p321-6

Foreign relations

Germany

See also

Schleswig-Holstein question

Government publications

Copenhagen. Danmarks institut for international udveksling af videnskabelige publikationer. Bibliografisk fortegnelse over statens tryksager og statsunderstøttede publikationer, samt fortegnelse over publikationer udgivne eller subventionerede af Københavns og Århus kommuner, 1954 [-1958] Dansk bibliografisk kontor '55-'59 5v

DENSITY. See Specific gravity

DENSITY of soils. See Soil density

DENT, Edward Joseph, 1876-

Haward, Lawrence. Edward J. Dent; a bibliography. Cambridge '56 37p

DENTAL caries. See Teeth—Diseases

DENTAL hygiene. See Teeth—Care and hygiene

DENTAL hygienists

Stoll, Frances A. Dental hygienist; a professional career for women. Dental hygienists alumnae assn, Columbia univ. '57 p79-80

DENTAL materials

American dental association. Specifications for dental materials, prepared by George C. Pfaffenbarger and W. T. Sweeney. The association '55 p61-8

Hedegård, Björn. Cold-polymerizing resins; a clinical and histological study. (v 13, sup 17) Acta odontologica scandinavica '55 p 121-6

Mathé, L. Gyula. Kunststoffe bei kronen und brücken. Urban & Schwarzenberg '54 p 179-81

DENTAL surgery. See Dentistry, Operative

DENTISTRY

American dental association. Bureau of library and indexing service. Books and package libraries for dentists. The association '54-'58 3v

American dental association. Bureau of library and indexing service. Index to dental literature in the English language, 1954[-1958] The association '55-'59 5v

Angel, Juvenal Londono. Careers in the field of dentistry. (Monograph no22) World trade acad. press '55 p 16-17

Dental abstracts. Am. dental assn. See numbers

McGehee, William Harper Owen, and others. Textbook of operative dentistry. 4th ed Blakiston '56 incl bibliog

Michigan. University. W. K. Kellogg foundation institute. Practice administration for the dentist, as evaluated at the University of Michigan workshop [Sept. 6 to 12, 1953] ed. by William R. Mann and Kenneth A. Easlick. Mosby '55 incl bibliog

DENTISTRY—Continued

Referate/Besprechungen. See numbers of Schweizerische Monatsschrift für Zahnheilkunde

Utah. University. Library of medical sciences. Holdings on dentistry and related subjects; comp. by Robert T. Divett; prepared for Utah state dental association. The library '57 28p

See also

Pedodontia

Periodontia

School children—Dental inspection and care

Teeth

Bibliography

Doerlich, G. Die fachbibliographie immer noch ausgangspunkt zahnärztlicher forschung. Schweiz Monatssch Zahnheilk 66:1110-39 D '56

Early works

Strömrgren, Hedvig (Lidfors). Index of dental and adjacent topics in medical and surgical works before 1800. (Lib. research monographs, v4) Munksgaard '55 255p

History

Clark, Joseph Stanley. Open wider, please; the story of dentistry in Oklahoma. Univ. of Okla. press '55 p291-8

Periodicals

American dental association. Bureau of library and indexing service. Dental journals published outside the United States and its territories, currently received. The association '55 6p

DENTISTRY, Operative

Kelsten, Louis B. Pedodontics for the general practitioner; a textbk. of oral pediatrics. (Modern dentistry ser) Dental items of interest pub. co. '56 incl bibliog

Mischol, Eduard. Infektion und antiseptik in der stomatologie; mit einem vorwort von P. Schmutziger. Medizinischer verlag H. Huber '55 p 146-63

Sommer, Ralph Frederick, and others. Clinical endodontics, a manual of scientific endodontics. Saunders '56 incl bibliog

See also

Anesthesia in dentistry

DEONNA, Waldemar. 1880-. Hommages à Waldemar Deonna. (Coll. Latomus, 28) Latomus '57 p 1-48

DEOXYRIBONUCLEIC acid

Kasten, F. H. Cytophotometric studies of deoxyribose nucleic acid in several strains of mice. Physiol Zool 29:18-20 Ja '56

Welch, R. M. Development analysis of the lethal mutant L(2) GL of drosophila melanogaster based on cytophotometric determination of nuclear desoxyribonucleic acid (DNA) content. Genetics 42:558-9 S '57

DEPARTMENT stores

See also

Shopping centers

DEPOSITION and sedimentation. See Sedimentation and deposition

DEPOSITS, Deep sea. See Deep sea deposits

DEPRECIATION

Briel, Hansrudolf von. Die ermittlung der wirtschaftlichen nutzungsdauer von anlagegütern. Keller '55 p x-xv

Simoneaux, Mervin J. Accelerated depreciation tax advantages and corporate income determination. (La. business bul. v 19, no 1) Div. of research, College of commerce, La. state univ. '57 p60-2

DERMATITIS. See Skin—Diseases

DERMATOLOGY

Alkiewicz, Jan. Materiały do polskiej bibliografii dermatologii i wenerologii oraz ich pogranicza, od XVI wieku do 1951 roku. Państwowe wydawn. naukowe '57 315p

Cahn, M. M. Use of tranquilizing drugs in dermatology. Albert Einstein Med Cent J 4:165 S '56

Friedman, Reuben. History of dermatology in Philadelphia; incl. a biography of Louis Duhring, father of dermatology in Philadelphia. Froben press '55 incl bibliog

Perry, Eldon T. Human ear canal. (Am. lecture ser. pub. no322) Thomas '57 incl bibliog

Wiener, Kurt. Systemic associations and treatment of skin diseases. Mosby '55 incl bibliog

See also

Skin—Diseases

DERMATOLOGY, Veterinary. See Veterinary dermatology

DERMATOPHYTES

Georg, L. K. and Camp, L. B. Routine nutritional tests for the identification of dermatophytes. J Bact 74:121 Ag '57

DERRICKS. See Cranes, derricks, etc.

DESALTING of sea water. See Sea water—Desalting

DESEGREGATION. See Public schools—Desegregation

DESERT fauna

Kusnezov, N. N. Comparative study of ants in desert regions of Central Asia and of South America. Am Natur 90:360 N '56

DESERT flora

Ittis, H. H. Studies in the capparidaceae. Ann Mo Bot Gard 44:117-19 F '57

See also

Succulent plants

DESERT vegetation

Humphrey, R. R. Desert grassland; a history of vegetational change and an analysis of causes. Bot R 24:246-52 Ap '58

DESERTS

Baker, P. T. Biological adaptation of man to hot deserts. Am Natur 92:353-4 N '58

Edwards, Elza Ivan. Desert voices; a descriptive bibliog; foreword by Harold O. Weight. Westernlore '58 215p annot

Jaeger, Edmund Carroll. California deserts; with chapters by S. Stillman Berry and Malcolm J. Rogers. 3d ed Stanford univ. press '55 p 199-203

Jaeger, Edmund Carroll. North American deserts; with a chapter by Peveril Meigs. Stanford univ. press '57 p299-302

O'Neal, Lulu Rasmussen. Peculiar piece of desert; the story of California's Morongo basin. Westernlore '57 p 193-7

See also

Arid regions

DESIGN

Copyright

See Copyright—Designs

DESIGN, Decorative

Hesselgren, Sven. Arkitekturens uttrycksmedel; en arkitekturteoretisk studie med tillämpning av experimentalspsykologi och semantik. Almqvist '54 p347-59

See also

Illumination of books and manuscripts

Tapestry

DESIGN, Industrial

Angel, Juvenal Londoño. Careers in design, decoration, and commercial art. 2d ed rev & enl (Monograph no9) World trade '57 p26-8

Farr, Michael. Design in British industry; a mid-century survey; with a foreword and postscript by Nikolaus Pevsner. Cambridge '55 p240-7 annot

Wallance, Don. Shaping America's products. Reinhold '56 p 187-8

See also

Human engineering

DESIGN, Structural. See Structures, Theory of

DESIGNERS

Angel, Juvenal Londoño. Careers for specialized designers. (Monograph no41) World trade '57 p29-31

DESIO, Ardito, 1897-

Milan. Università. Istituto di geologia, geografia fisica e paleontologia. Pubblicazioni del direttore dr. prof. Ardito Desio fino al 1952. The institute '53? 9p

DESMIDS

Grönblad, Rolf. Desmids from the United States, collected in 1947-1949 by Dr Hannah Croasdale and Dr Erwin T. Moul. (Commentationes biologicae, xv. 12) Finska vetenskaps-societeten '56 p36-8

DESPOTISM

Wittfogel, Karl August. Oriental despotism; a comparative study of total power. Yale univ. press '57 p491-529

See also

Authority

DETECTIVE and mystery stories

Kilpatrick, C. E. Mystery, horror, western and s/f roundup no 1-2. Lib J 83:356-60, 2628-30 F 1, O 1 '58 annot

Murch, Alma Elizabeth. Development of the detective novel. Philosophical lib. '58 p258-9

Stevenson, William Bruce. Detective fiction. (Readers' guides, 3d ser) Nat. bk. league '58 32p annot

DETECTIVE and mystery stories—*Continued*

History and criticism

Wölken, Fritz. Der literarische mord; eine untersuchung über die englische und amerikanische detektivliteratur. Nest verlag '53 p321-40

DETECTIVES

See also

Secret service

DETENTION camps. See Concentration camps

DETERGENTS. See Cleaning compositions

DETERIORATION of materials. See Materials—Deterioration

DETERMINATION of sex. See Sex determination and control

DETONATION

Gross, R. A. and Oppenheim, A. K. Recent advances in gaseous detonation. *ARS J* 23:178-9 Mr '59

DEUTERIUM

Brown, Lawrence M. and others. Bibliography of research on deuterium and tritium compounds, 1945 to 1952. (U.S. Nat. bur. of standards. Circ. 562) U.S. Gov. ptg. office '56 85p

DEUTERIUM oxide. See Water—Heavy water

DEUTERO-ISAIAH. See Bible. Old Testament—Isaiah

DEVAUD, Eugène, 1876-1942

Piller, Alphonse. Monseigneur Eugène Dévaud, 1876-1942, et l'école primaire friburgeoise. (Travaux de psychologie, pédagogie et orthopédagogie, v 1) Editions univs. '56 p 119-30

DEVELOPMENT. See Embryology; Evolution; Growth

DEVELOPMENTAL psychology. See Genetic psychology

DEVIL

See also

Demonology

DEW

Stone, E. C. Dew as an ecological factor. *Ecology* 38:412-13, 422 Jl '57

DEWEY, John, 1859-1952

Baker, Melvin Charles. Foundations of John Dewey's educational theory. King's crown press '55 p 199-205

Nørstebø, Sigurd. John Dewey's oppsedings-teori; opphav og utvikling. (Skrifter, 1) Norges lærarhøgskole '53 p305-15

Pillsbury, W. B. John Dewey, 1859-1952. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p 121-4)

DEWEY, Melvil, 1851-1931

Clapp, V. W. Progress towards the 16th edition of Dewey. *Lib Assn Rec* 58:214-15 Je '56

DEWOLF, Frank Walbridge, 1881-1957

Pratt, W. E. Frank Walbridge DeWolf (1881-1957) *Am Assn Pet Geol Bul* 42:1121 My '58

Scott, H. W. Memorial to Frank Walbridge DeWolf. *Geol Soc Am Proc* 1957:107-8 '58

DEXTRAN

Hamdy, M. K. and others. Factors affecting the degradation processes for dextran. *Ohio J Sci* 56:50-1 Ja '56

Jacobæus, Ulf. Studies on the effect of dextran on the coagulation of blood. (Sup 322) *Acta medica scandinavica* '57 p98-103

Nordlander, Olof, and others. Changes in total hemoglobin and blood volume in surgical cases treated with blood transfusions and with dextran solutions [tr. by Stanley H. Vernon] (Sup 196) *Acta chirurgica scandinavica* '54 p46-8

DIABETES

Barány, Franz R. Abnormal vascular reactions in diabetes mellitus; a clinical physiological study. (Acta medica scandinavica, sup304) *Ohlssons boktr.* '55 p 128-9

Cohen, A. S. Current concepts in diabetes mellitus. *Am Diet Assn J* 32:107-9 F '56

Council for international organizations of medical sciences. Experimental diabetes and its relation to the clinical disease; a symposium [held in Leyden, the Netherlands, July 14-18, 1952] consulting eds: J. P. Hoet [and others] Thomas '54 incl bibliog

Danowski, T. S. Diabetes mellitus, with emphasis on children and young adults. Williams & Wilkins '57 incl bibliog

Hagbard, Lars. Pregnancy and diabetes mellitus, a clinical study [from the Swedish by Helen Freyl] (V35, Sup 1) *Acta obstetrica et gynecologica scandinavica* '56 p 156-69

Levine, R. Effects of the sulfonylureas and related compounds in experimental and clinical diabetes. *N Y Acad Sci Ann* 71 no 1:9-11 '57

Loubatières, A. Use of certain sulfonamides in the treatment of experimental diabetes mellitus. *N Y Acad Sci Ann* 67 no7:203-6 '56

McDaniel, E. G. and others. Tryptophan-niacin metabolism in alloxan diabetic rats. *J Nutrition* 59:421-3 Jl '56

Mirsky, I. A. Drugs effective orally in the treatment of diabetes mellitus. *AMA Archives Ind Health* 17:396-8 My '58

Royer, Pierre, and Lestrade, Henri. Le traitement du diabète infantile en régime libre; préf. du professeur Julien Marie. *Eds. médicales Flammarion* '58 p 185-90

Rubini, M. E. and Seligson, D. Acute reduction in plasma amino acids by carbohydrate infusion in diabetes and liver disease. *Am J Clin Nutrition* 6:374-5 Jl '58

Sigroth, Kjell. Reflex vasodilatation of the fingers in the study of peripheral vascular disorders with special reference to diabetes mellitus. (Sup325) *Acta medica scandinavica* '57 p 103-10

Uhry, Pierre, and others. Le diabète infantile et juvénile; préf. de Robert Debré. *Masson* '55 incl bibliog

United States. Public health service. Division of special health services. Diabetes program guide. Chronic disease program '56 p66-72

DIAGNOSIS

Goodale, Raymond Hamilton. Clinical interpretation of laboratory tests. 4th ed Davis '58 incl bibliog

Kampmeier, Rudolph Herman. Physical examination in health and disease. 2d ed Davis '57 incl bibliog

MacBryde, Cyril Mitchell. Signs and symptoms; applied pathologic physiology and clinical interpretation. 3d ed Lippincott '57 incl bibliog

Mira y López, Emilio, M. K. P. myokinetic psychodiagnosis; with a foreword by Gordon W. Allport; ed. by Leopold Bellak [and others] tr. from the French by Mrs. Jacques Dubois. (Logos pub. in behavioral science) Logos press '58 p 163-86

See also

Blood—Examination

Brain—Diseases—Diagnosis

Electrodiagnosis

Heart—Diseases—Diagnosis

Physical diagnosis

Radiesthesia

Serum diagnosis

Urine—Analysis and pathology

DIAGNOSIS, Cytologic

Internationales symposium über klinische cytodiagnostik, Erlangen, 1957. Internationales symposium am 1./2. märz 1957; hrsg. von N. Henning und S. Witte. Thieme '58 incl bibliog

DIAGNOSIS, Differential

Heggin, Robert. Differentialdiagnose innerer krankheiten; eine kurzgefasste darstellung für ärzte und studierende. 5th new & rev ed Thieme '57 incl bibliog

DIAGNOSIS, Radioscopic

Cocchi, Umberto. Retropneumoperitoneum und pneumomediastinum; mit einem geleitwort von H. R. Schinz. (Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin; diagnostik, physik, biologie, therapie. Sup79) Thieme '57 p204-23

McLaren, John Watt, ed. Modern trends in diagnostic radiology; second series. Hoeber '53 incl bibliog

Meschan, Isadore, and Farrer-Meschan, R. M. F. Roentgen signs in clinical diagnosis. Saunders '56 incl bibliog

Rubin, Eli Hyman. Lung as a mirror of systemic disease. Thomas '56 incl bibliog

Sonnenblick, Benjamin Paul, ed. Protection in diagnostic radiology. Rutgers univ. press '59 incl bibliog

Spiegler, Gottfried. Physikalische grundlagen der röntgendiagnostik; mit einem geleitwort von H. R. Schinz. Thieme '57 incl bibliog

See also

Angiocardiography

Angiography

X rays in obstetrics

D'AKONOV, Mikhail Mikhailovich, d 1954

Publications of Mikhail Mikhailovich D'akonov. *Ars Orient* 2:513-19 '57

DIALECTAL materialism

Falk, Heinrich. Die weltanschauung des bolschewismus; der dialektische materialismus gemeinverständlich dargelegt. Echter-verlag '51 p61-2

Weitzer, Gustavo. Andrea. Der dialektische materialismus, seine geschichte und sein system in der Sowjetunion. 4th rev & enl ed Herder '58 p645-69

—Same; with title: Dialectal materialism: a historical and systematical survey of philosophy in the Soviet Union; tr. from the German by Peter Heath. Praeger '59 p562-93

DIALECTS

See also

Franco-Provençal dialects

French language—Dialects

Provençal language—Dialects

Ukrainian language—Dialects

DIAMONDS

Hahn, Emily. Diamond; the spectacular story of earth's rarest treasure and man's greatest greed. Doubleday '56 p305-6

DIAMONDS, Industrial

Industrial diamond abstracts. Industrial diamond information bureau. See numbers

Industrial diamond information bureau. Bibliography: hardness and hardness testing from 1937 to 1955. The bureau '56 118p

Miller, Robert J. M. Study of size of diamonds in diamond drilling. (Bul. Technical ser, no81) School of mines and metallurgy, Mo. Univ. '52 p62-3

DIAPAUSE in insects. See Dormancy (insects)

DIAPHRAGM

Radiography

Haubrich, Richard. Zwerchfellpathologie im röntgenbild. Springer '56 incl bibliog

DIARIES

See also

American diaries

DIARRHEA

Cooper, M. L. and others. Detection of a new serotype of *escherichia coli*, E. coli 0127:B8, associated with acute diarrheal in infants. J Bact 69:692-4 Je '55

Ewing, W. H. and others. New serotype of *escherichia coli* associated with infantile diarrhea. Pub Health Rep 70:113-14 F '55

Gordon, I. and Whitney, E. Virus diarrheas of adults and their possible relationships to infantile diarrheal. N Y Acad Sci Ann 66 no 1:224-5 '56

DIATOMS

Crosby, L. H. and Furguson Wood, E. J. Studies on Australian and New Zealand diatoms. Roy Soc N Z Trans 86:52-7 F '59

Desikachary, T. V. Electron microscope studies on diatoms. Roy Micros Soc J 76:33-6 Mr '56

Foged, Niels. Diatoms from Peary Land, north Greenland, collected by Kjeld Holmen. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 128, no7) Reitzel '55 p86-90

Gettler, L. Sexuelle fortpflanzung der pennatönen diatomeen. Cambridge Philos Soc Biol R 32:294-5 Ag '57

Hendey, N. I. Marine diatoms from some west African ports. Roy Micros Soc J 76: 81-4 O '58

Hendey, N. I. and others. Electron microscope studies of diatoms. Roy Micros Soc J 74:32-3 Je '54

Hustedt, Friedrich. Marine littoral diatoms of Beaufort, North Carolina. (Duke univ. Marine station, Beaufort, N.C. Bul. no6) Duke univ. press '55 p50-1

Quennerstedt, Nils. Diatoméerna i Långans sjövegetation. English summary: Diatoms in the lake vegetation of the Långan drainage area. Jämtland, Sweden. (Svenska växtgeografiska sällskapet, Uppsala. Acta phytogeographica suecica, 36) Almqvist '55 p 198-208

Smyth, J. C. Study of the benthic diatoms of Loch Sween (Argyll) J Ecol 43:170-1 Ja '55

Sovereign, H. E. Diatoms of Crater lake, Oregon. Am Micros Soc Trans 76:133-4 Ap '58

DICENTRIC chromosomes. See Centromeres (botany)

DICHLOROBENZENE. See Paradichlorobenzene**DICHLORODIPHENYLTRICHLOROETHANE.** See DDT (insecticide)**DICHLORODIPHENYLTRICHLOROETHANE.** See DDT (insecticide)

DICHLOROPHENOXYACETIC acid. See 2,4-D (dichlorophenoxyacetic acid)

DICKENS, Charles, 1812-1870

Adrian, Arthur A. Georgina Hogarth and the Dickens circle. Oxford '57 p297-301

Collins, Philip Arthur William. Dickens periodicals: articles on education; an annot. bibliography. (Papers, no3) Vaughan college, Leicester univ. '57 36p

Fielding, Kenneth Joshua. Charles Dickens: a critical introduction. Longmans '58 p207-11

Gordan, J. D. Reading for profit: the other career of Charles Dickens. N Y Pub Lib Bul 62:425-42, 515-22 S-O '58 annot

DICKSON, Leonard Eugene, 1874-1954

Albert, A. A. Dickson, Leonard Eugene. 1874-1954. Am Math Soc Bul 61:334-45 JI '55

DICOTYLEDONS

Blyth, Amélie Compton Burr. Origin of primary extraxylary stem fibers in dicotyledons. (Calif. Univ. Pubs. in botany, v30, no2) Univ. of Calif. press '58 p 179-83

DICTATORS

See also

Despotism

Totalitarianism

DICTIONARIES

Collison, Robert Lewis. Dictionaries of foreign languages; a bibliog. guide to the general and technical dictionaries of the chief foreign languages, with historical and explanatory notes and references. Hafner '55 210p

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Wörterbücher, allgemein und fachlich; deutsch-englisch, englisch, mehrsprachig (mit englisch u. deutsch) 289 titel mit signaturen der bibliothek; stand: januar 1951. The library '51 38p

Holloway, O. Willard. Foreign language dictionaries and phrase books available in the TA & GMS library. (Special bibliog. no3) Lib, Artillery & guided missile school, Fort Sill '55 18p

Illinois. University. Library. Exhibition of printed Latin-English and English-Latin word lists and dictionaries, 1497?-1736, January 1957; introd. and descriptions by Harris Fletcher. (Adah Patton memorial fund. Pub. no5) The library '57 48p

Livingston, Charles Harold. Skeinwinding reels; studies in word history and etymology. Univ. of Mich. press '57 p214-20

Pan American union. Columbus memorial library. List of specialized dictionaries in the library; comp. by Nancy Mango and pub. as a sup. to the List of bks. accessioned and periodical articles indexed, Jan. 1957. Dept. of cultural affairs '57 32p

Parke, M. B. Picture dictionaries. El Engl 32:523-4 D '55

United States. Library of Congress. General reference and bibliography division. Foreign language—English dictionaries, rev ed The library '55 2v

Zagreb, Leksikografski zavod FNRJ. Enciklopedijska izdanja leksikografskog zavoda FNRJ. The institute '53? 104p

Zaunmüller, Wolfram. Bibliographisches handbuch der sprachwörterbücher; ein int. verzeichnis von 5600 wörterbüchern der jahre 1460-1958 für mehr als 500 sprachen und dialekte; an annot. bibliog. of language dictionaries; bibliog. critique des dictionnaires linguistiques. A. Hiersemann '58 496 col

Zischka, Gert A. Index lexicorum; bibliog. der lexikalischen nachschlagewerke. Holinek '59 290p

See also subhead Dictionaries under the following subjects

Aeronautics

English language

Franco-Provençal dialects

French language—Dialects

Insects

Military art and science

Music

Polabian language

Polish language

Provençal language—Dialects

Science

Technology

Turkish language

Ukrainian language

Wendic language

DIDELPHYIDAE. See Opossums**DIDEROT, Denis, 1713-1784**

Diderot, Denis. *Oeuvres philosophiques; textes établis, avec intrs. bibliogs. et notes, par Paul Vernière.* (Classiques Garnier) Garnier freres '56 incl bibliog

Mortier, Roland. *Diderot en Allemagne, 1750-1850.* (Brussels. Université libre. Faculté de philosophie et lettres. Travaux, v 15) Presses universitaires de France '54 p427-43

Wilson, Arthur McCandless. *Diderot: the testing years, 1713-1759.* Oxford '57 p399-403

DIE casting

Great Britain. Atomic energy research establishment. *Bibliography on pressure die-casting equipment,* by G. L. Cooper. (A.E.R.E. reps, Inf/Bib 108) H.M.S.O. '56 9p

London. Science museum. *Science library. Recent references to aluminum and magnesium alloys for die and sand casting, 1951-1954.* (Bibliog. ser, no734) The library '55 2p

DIELECTRIC constants

Foulds, K. W. H. *Resonant-cavity measurements of the relative permittivity of a d.c. discharge.* *Inst Elec Eng Proc* 102:566-7 J1 '55

DIELECTRICS

Cohen, E. H. *Electric strength of highly compressed gases.* *Inst Elec Eng Proc* 103: 67-8 F '56

Katz, Harold William, ed. *Solid state magnetic and dielectric devices;* auths: W. R. Chynoweth [and others] Wiley '59 incl bibliog

Mason, J. H. *Breakdown of solid dielectrics in divergent fields.* *Inst Elec Eng Proc* 102: 726-7 S '55

Middendorf, W. H. and Brown, G. H. *Liquid dielectrics in an electric field.* *Power Apparatus & Systems* 38:799 O '58

United States. Naval ordnance test station, Inyokern, California. *Research department. Ferroelectrics of barium titanate type, a bibliography; articles appearing in open literature only, with abstracts, comp. by L. O. Anderson.* Office of technical services, U.S. Dept. of commerce '5-? 79p

Vajda, G. *Influence of the material properties of electrodes upon the breakdown potential.* *Acta Tech* 21 no 1-2:168-70 '53

Van Uiter, L. G. *Dielectric properties of and conductivity in ferrites.* *Inst Radio Eng Proc* 44:1302-3 O '56

DIELS, Paul, 1882-

Münchener beiträge zur slavenkunde; festgabe für Paul Diels; hrsg. von Erwin Koschmieder und Alois Schmaus. Isarverlag '53 pp 1-13

DIES, Auguste, 1875-

Mélanges de philosophie grecque; offerts à Mgr Diès par ses élèves, ses collègues, ses amis. Vrin '56 p 17-20

DIES (metal working)

American society of tool engineers. *Tooling for metal powder parts; a practical treatment on modern practice in the process planning, tool design, equipment, and operations involved in producing structural parts from metal powders.* by George H. De Groat; Frank W. Wilson [and] Philip D. Harvey editors. McGraw '53 p230-6

Barton, Hiram Kenneth. *Diecasting process.* Macmillan '56 p 217-20

DIESEL engines

Armstrong, L. V. and Hartman, James Basse. *Diesel engine: its theory, basic design, and economics.* Macmillan '59 incl bibliog

London. Science museum. *Science library. Fuel injection with special reference to Diesel engines, 1929-1955.* (Bibliog. ser, no751) The library '57 4p

Pounder, C. C. ed. *Diesel engine: principles and practice.* Philosophical lib. '55 incl bibliog

See also

Locomotives, Diesel

DIESEL locomotives. See Locomotives, Diesel**DIESTERWEG, Friedrich Adolph Wilhelm, 1790-1866**

Diesterweg, Friedrich Adolph Wilhelm. *Wegweiser zur bildung für deutsche lehrer; besorgt von Julius Scheveling.* (Schönninghs sammlung pädagogischer schriften) Schöningh '58 p 194-7

DIEI

Brewer, W. D. and Arnrich, L. *Role of fat in the diet.* *J Home Econ* 50:273 Ap '58

Current literature. See numbers of *American dietetic association. Journal*

Elwood, Catharyn. *Feel like a million.* Devin-Adair '56 p314-18

Keys, A. and others. *Diet and serum cholesterol in man: lack of effect of dietary cholesterol.* *J Nutrition* 59:55-6 My '56

Keys, Ancel Benjamin, and Keys, Margaret. *Eat well & stay well;* foreword by Paul Dudley White. Doubleday '59 p338-42 annot

Konishi, F. and others. *Dietary composition and adequacy of the food consumed by young men on an ad libitum regimen.* *J Nutrition* 63:55-6 S '57

Light, A. E. and others. *Effects of dietary supplements in preventing or augmenting the production of cataracts in rats by 1,4-dimethane-sulfonybutane.* *J Nutrition* 60:170-2 O '56

McClure, F. J. *Wheat cereal diets, rat caries, lysine and minerals.* *J Nutrition* 65:630-1 Ag '58

Meyer, Frieda Louise, and others. *Standardized diet for metabolic studies; its development and application.* (U.S. Dept. of agriculture. Technical bul. no 1126) U.S. Gov. ptg. office '55 p71-81

Morgan, Agnes (Fay) ed. *Nutritional status U.S.A.; an interregional research publication.* (Bul. 769) Calif. agricultural experiment station '59 p 120-9

Nath, N. and others. *Diet and cholesteremia.* *J Nutrition* 67:305-7 F '59

National research council. *Food and nutrition board. Sodium-restricted diets; the rationale, complications, and practical aspects of their use.* (Pub. 325) The council '54 incl bibliog

Olson, R. E. *Research fads and practical dietetics.* *Am Diet Assn J* 31:781-2 Ag '55

Salmon, W. D. *Significance of amino acid imbalance in nutrition.* *Am J Clin Nutrition* 6:493-4 S '58

Trulsson, M. F. *American diet—past and present.* *Am J Clin Nutrition* 7:96-7 Ja '59

United States. Superintendent of documents. *Home economics.* (Price list 11, 50th ed) U.S. Gov. ptg. office '59 16p

Walker, G. R. and others. *Serum cholesterol levels of young and of elderly women consuming an institution diet.* *J Nutrition* 60:524-6 D '56

See also

Food

Food preferences

Milk—Food value

Nutrition

DIET, Deficient

Aaes-Jørgensen, E. and others. *Essential fatty acid deficiency.* *J Nutrition* 65:640-1; 66:258-9, 482-3 Ag, O, D '58

Standard, K. L. and others. *Indirect indicators of muscle mass in malnourished infants.* *Am Clin Nutrition* 7:279 My '59

Williams, R. J. and others. *Dietary deficiencies in animals in relation to voluntary alcohol and sugar consumption.* *Q J Stud Alcohol* 16:243-4 Je '55

DIET in disease

Cantoni, M. *Adapting therapeutic diets to the eating patterns of Italian-Americans.* *Am J Clin Nutrition* 6:554-5 S '58

Kierst, Władysław. *Nauka o żywieniu zdrowego i chorego człowieka.* Państwowy zakład wydawn. lekarskich '54 incl bibliog

Pollack, Herbert, and Halpern, Seymour Lionel. *Therapeutic nutrition, prepared with collaboration of the Committee on therapeutic nutrition, Food and nutrition board.* (Pub. 234) Nat. research council '52 p66-94

Proudfit, Fairfax Throckmorton, and Robinson, Corinne Hogden. *Nutrition and diet therapy.* 11th ed Macmillan '55 p792-826

Seifrit, E. *Bookshelf on nutrition and diet therapy.* *Am J Clin Nutrition* 7:102-4 Ja '59

Turner, Dorothea Fletcher. *Handbook of diet therapy; written and comp. for the Am. dietetic association.* 3d ed Univ. of Chicago press '59 incl bibliog

DIFFERENCE (psychology)

Anastasi, A. *Differentiating effect of intelligence and social status.* *Eugenics Q* 6: 90-1 Je '59

Anastasi, Anne, and Foley, John Porter. *Differential psychology; individual and group differences in behavior.* 3d ed Macmillan '58 incl bibliog

DIFFERENCE equations

Richtmyer, Robert D. *Difference methods for initial-value problems.* (Interscience tracts in pure and applied mathematics, 4) Interscience '57 p230-4

DIFFERENTIAL diagnosis. See **Diagnosis, Differential**

DIFFERENTIAL equations

- Bers, L. Survey of local properties of solutions of elliptic partial differential equations. *Comm Pure & Ap Math* 9:348-50 Ag '56
- Browder, F. E. Eigenfunction expansions for non-symmetric partial differential operators. *Am J Math* 80:380-1 Ap '58
- Coddington, Earl A. and Levinson, Norman. Theory of ordinary differential equations. (Int. ser. in pure and applied mathematics) McGraw '55 p417-22
- Davis, Harold Thayer, ed. Studies in differential equations. (Northwestern univ. Studies. Ser. in mathematical and physical sciences, no3) Northwestern univ. press '56 p70, 92, 114
- Finn, R. and Gilbarg, D. Asymptotic behavior and uniqueness of plane subsonic flows. *Comm Pure & Ap Math* 9:62-3 F '57
- Greenspan, D. Numerical analysis and the Dirichlet problem. *Math Mag* 32:185-7 Mr '59
- Heinz, E. On eastern nonlinear elliptic differential equations and univalent mappings. *J Analyse Math* 5 no2:271-2 '57
- Kalaba, R. On nonlinear differential equations, the maximum operation, and monotone convergence. *J Math & Mech* 8:573-4 Ji '59
- Kaplan, Wilfred. Ordinary differential equations. (Addison-Wesley ser. in systems engineering) Addison-Wesley '58 incl bibliog
- Lax, P. D. Hyperbolic systems of conservation laws. *Comm Pure & Ap Math* 10:565-6 N '57
- Maryland, University. Institute for fluid dynamics and applied mathematics. Proceedings of the conference on differential equations, held at the University of Maryland, March 17, 18, and 19, 1955; eds. J. B. Diaz [and] L. E. Payne. Univ. of Md. bk. store '56 incl bibliog
- Massera, J. L. and Schaffers, J. J. Linear differential equations and functional analysis. *Ann Math* 67:572-3 My '58
- Nirenberg, L. Estimate and existence of solutions of elliptic equations. *Comm Pure & Ap Math* 9:528-9 Ag '56
- Payne, L. E. New isoperimetric inequalities for eigenvalues and other physical quantities. *Comm Pure & Ap Math* 9:641-2 Ag '56
- Pinney, Edmund. Ordinary difference-differential equations. Univ. of Calif. press '58 p243-56
- Titchmarsh, Edward Charles. Eigenfunction expansions associated with second-order partial differential equations. Oxford '46-'58 2v v 1, p 172-5; v2, p385-404
- Todd, J. Direct approach to the problem of stability in the numerical solution of partial differential equations. *Comm Pure & Ap Math* 9:610-12 Ag '56
- Wayland, Harold. Differential equations applied in science and engineering. Van Nostrand '57 incl bibliog
- DIFFERENTIAL equations, Partial**
- Bers, L. and others, eds. Contributions to the theory of partial differential equations. (Annals of mathematics studies, no33) Princeton univ. press '54 incl bibliog
- Centre belge de recherches mathématiques. Premier colloque sur les équations aux dérivées partielles, tenu à Louvain du 17 au 19 décembre 1953. G. Thone '54 incl bibliog
- Forsythe, George Elmer. Numerical analysis and partial differential equations. Contemporary state of numerical analysis [and] Linear partial differential equations [by] Paul C. Rosenbloom. (Surveys in applied mathematics, 5) Wiley '58 p38-42, 164-95
- France. Centre national de la recherche scientifique. La théorie des équations aux dérivées partielles. (Colloques ints. 71) Service des pubs. du C.N.R.S. '56 incl bibliog
- Noble, Benjamin. Methods based on the Wiener-Hopf technique for the solution of partial differential equations. (Int. ser. of monographs on pure and applied mathematics, v7) Pergamon press '58 p237-42
- United States. Office of naval research. Lecture series of the symposium on partial differential equations, held at the University of California, at Berkeley, June 20-July 1, 1955. Dept. of mathematics, Univ. of Kan. '57 incl bibliog

See also

Harmonic functions

DIFFERENTIAL invariants

Segre, Beniamino. Some properties of differentiable varieties and transformations; with special reference to the analytic and algebraic cases. (Ergebnisse der mathematik und ihrer grenzgebiete, new ser., no 13. Reihe: Algebraische geometrie) Springer '57 p 171-8

DIFFERENTIAL thermal analysis. See **Thermal analysis**

DIFFERENTIATION (biology)

- Flickinger, R. A. Relation between yolk utilization and differentiation in the frog embryo. *Am Natur* 91:378-9 N '57
- McKeehan, M. S. Quantitative study of self-differentiation of transplanted lens primordia in the chick. *J Exp Zool* 126:171-2 Ji '54
- Muchmore, W. B. Differentiation of the trunk mesoderm in ambystoma maculatum. *J Exp Zool* 134:309-10 Mr '57
- Oppenheimer, J. M. Differentiation of derivatives of the lower germ layers in fundulus following the implantation of shield grafts. *J Exp Zool* 128:550-2 Ap '55
- Scott, Sister F. M. Metamorphic differentiation in amarocium constellatum treated with nitrogen mustard. *J Exp Zool* 127:357-8 N '54
- Smithberg, M. Origin and development of the tail in the frog, rana pipiens. *J Exp Zool* 127:422-3 D '54
- Trinkhaus, J. P. Differentiation of tissue cells. *Am Natur* 90:286-9 S '56
- Waterhouse, D. F. and Stay, B. Functional differentiation in the midgut epithelium of blowfly larvae as revealed by histochemical tests. *Australian J Biol Sci* 8:274-5 My '55
- Wilde, C. E. Urodele neuroepithelium. *J Exp Zool* 130:589-91 D '55
- DIFFERENTIATION (botany)**
- Jacobs, W. P. and Morrow, I. B. Quantitative study of xylem development in the vegetative shoot apex of coleus. *Am J Bot* 44:842 D '57
- McGahan, M. W. Vascular differentiation in the vegetative shoot of xanthium chinense. *Am J Bot* 42:140 F '55
- Meyer, C. F. Cell patterns in early embryogeny of the McIntosh apple. *Am J Bot* 45:348-9 My '58
- Torrey, J. G. On the determination of vascular patterns during tissue differentiation in excised pea roots. *Am J Bot* 42:197-8 F '55
- Wetmore, R. H. and Sorokin, S. On the differentiation of xylem. *Arnold Arbor J* 36:314-15 Ap '55
- See also

Morphogenesis (botany)

DIFFRACTION

- Logan, Nelson A. and Sherry, Murray E. Bibliography on the theory of diffraction and propagation of radio waves. (Technical rep. 57-102) Antenna laboratory, Electronics research directorate, Air force Cambridge research center '57 105p
- Pinsker, Z. G. Electron diffraction; tr. by J. A. Spink and E. Feigl. Butterworths scientific pubs. '53 incl bibliog
- See also
- X rays—Diffraction

DIFFUSION

- Birchénall, C. E. and Simnad, M. F. Diffusion and oxidation of solid metals. *Ind & Eng Chem* 47:612-13; 48:599-601 Mr '55, Mr '56
- Conway, Edward Joseph. Microdiffusion analysis and volumetric error. 4th rev ed Macmillan '58 p449-58
- Jaumot, Frank E. Bibliography of diffusion of gases, liquids and solids in solids. 1890 to 1955. (TID-3071) Technical information service extension, U.S. Atomic energy commission '58 314p
- Jost, Wilhelm. Diffusion; methoden der messung und auswertung. (Fortsschritte der physikalischen chemie, v 1) Steinkopff '57 incl bibliog
- Showman, P. Diffusion in metals. *Ind & Eng Chem* 50:495; 51:405 Mr '58, Mr '59
- Simnad, M. T. Diffusion and oxidation of metals. *Ind & Eng Chem* 49:623-6 Mr '57
- Stern, Kurt H. Bibliography of Liesegang rings. Univ. of Ark. editorial service '55 70p
- Wilke, C. R. and others. Mass transfer. *Ind & Eng Chem* 47:663-4; 48:675; 49:582; 50:560; 51:471 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

See also

Light—Scattering

DIGBY, Sir Kenelm, 1603-1665

Petersson, Robert Torsten. Sir Kenelm Digby; the ornament of England, 1603-1665. Harvard univ. press '56 p325-7 annot

DIGESTION

Hamilton, Peter, and others. Measure of digestion in the ruminant. (Bul. 543) Me. agricultural experiment station '55 p26-7

Herting, D. C. and others. Digestion of acetylated monoglycerides and of triglycerides. J Nutrition 57:385-7 N '55

Johnson, R. R. and others. Studies on the in vitro rumen procedure: improved inoculum preparation and the effects of volatile fatty acids on cellulose digestion. J Animal Sci 17:849-50 Ag '58

Kameoka, K. and Morimoto, H. Extent of digestion in the rumen-reticulum-omasum of goats. J Dairy Sci 42:1196-7 J1 '59

Sentmanat, Rafael. Fisiología de la nutrición; v2. Digestión e absorción. Publicaciones culturales '57 p201-26

Stallcup, Odie Talmadge, and others. Influence of the lignin content of hay on the passage of nutrients through the rumen. (Bul. 572) Agricultural experiment station, College of agriculture & home economics, Univ. of Ark. '56 p 14-16

See also

Absorption (physiology)

Gastric juice

DIGESTIVE organs

Lundh, Göran. Intestinal digestion and absorption after gastrectomy. (Sup 231) Acta chirurgica scandinavica '58 p80-4

See also

Intestines

Pancreas

Stomach

Diseases

Wamberg, Erik. Studier over alimentær lipæmi hos børn, med særligt henblik på forholdene ved kroniske fordøjelselidelser. Dansk videnskabe forlag '54 p 173-80

DIGGERS. See Levellers**DIGITAL computers. See Electronic calculating machines****DIGITALIS**

Dimond, Edmunds Grey, ed. Digitalis. Thomas '57 incl bibliog

Lown, Bernard, and Levine, Harold David. Atrial arrhythmias, digitalis and potassium. Landsberger medical bks. '58 p209-22

DIKES (geology)

Lewis, D. V. Relationships of ore bodies to dikes and sills. Econ Geol 50:514-6 Ag '55

DILTHEY, Wilhelm, 1833-1911

Klubbach, William. Wilhelm Dilthey's philosophy of history. (Columbia univ. Studies in the social sciences, no592) Columbia univ. press '56 p 111-14

DINGLER, Hugo, 1881-1954

Dingler, Hugo. Die eregung des wirklichen. Eidos-verlag '55 p234

Krampf, Wilhelm, ed. Hugo Dingler; gedenkbuch zum 75. geburtstag, von Giorgio Benini [et al] Eidos-verlag '56 p211-16

DINOFLAGELLATA

Wood, E. J. F. Dinoflagellates in the Australian region. Australian J Marine & Freshwater Res 5:345-7 My '54

DIONYSIUS the Arcopagite, fl 500

Roques, René. L'univers dionysien; structure hiérarchique du monde selon le Pseudo-Denys. (Théologie, 29) Aubier '54 p7-28

DIOPHANTINE analysis

Cassels, John William Scott. Introduction to diophantine approximation. (Cambridge tracts in mathematics and mathematical physics, no45) Cambridge '57 p 161-5

DIORITE

Moore, J. G. Quartz diorite boundary line in the western United States. J Geol 67:206-10 Mr '59

DIPHThERIA

Atwater, J. B. and Peeples, W. J. Diphtheria immunity status in Montgomery county school seniors and adults. Pub Health Rep 73:459-60 My '58

DIPLOMACY

Mattingly, Garrett. Renaissance diplomacy. Houghton '55 p299-300 annot

Satow, Sir Ernest Mason. Guide to diplomatic practice; ed. by Sir Neville Bland. 4th ed Longmans '57 p489-94

Vagts, Alfred. Defense and diplomacy; the soldier and the conduct of foreign relations. (Columbia univ. Inst. of war and peace. Studies. Topical studies in int. relations) Kings crown press '56 p533-47

See also

Treaties

DIPLOMATIC and consular service

Mello, Rubens de. Tratado de derecho diplomático; prólogo de Antonio de Luna; versión española por Fernando Arias Parga. Inst. Francisco de Vitoria, Consejo superior de investigaciones científicas '53 p687-96

Satow, Sir Ernest Mason. Guide to diplomatic practice; ed. by Sir Neville Bland. 4th ed Longmans '57 p489-94

DIPLOMATIC privileges and immunities

Essen, Jan Louis Frederik van. Immunities in international law; with the collaboration of J. L. G. Tichelaar. (Hague. Palace of peace. Lib. Sel. bibliog, 3) Sijthoff '55 p56

See also

International agencies—Privileges and immunities

United nations—Privileges and immunities

DIPPERS (birds)

Bakus, G. J. Observations on the life history of the dipper in Montana. Auk 76: 206-7 Ap '59

DIPTERA

Brauns, Adolf. Puppen terricoler dipterenlarven; eine einföhrung in die kenntnis der häufigsten bodenlebenden zweiflüglerlarven der waldbiozönose auf systematischer grundlage. (Untersuchungen zur angewandten bodenbiologie, v2) Musterschmidt wissenschaftlicher verlag '54 p 141-5

Brauns, Adolf. Terricole dipterenlarven; eine einföhrung in die kenntnis und ökologie der häufigsten bodenlebenden zweiflüglerlarven der waldbiozönose auf systematischer grundlage. (Untersuchungen zur angewandten bodenbiologie, v 1) Musterschmidt wissenschaftlicher verlag '54 p 160-9

Laffoon, J. L. Revision of the nearctic species of fungivora (diptera, mycetophilidae) Iowa St Coll J Sci 31:300-10 N '56

Oldroyd, H. Horse-flies (diptera: tabanidae) of the Ethiopian region; v 1. Haematopota and hippocentrum. British museum '52 p208-11

Séguy, Eugène. Introduction à l'étude biologique et morphologique des insectes diptères. (Pubs. avulsas do Museu nacional, no 17) Dept. de imprensa nacional '55 incl bibliog

Souza Lopes, H. de Considerações sobre as espécies de peckia Desvoidy, 1830 e de géneros afins (diptera-sarcophagidae) Acad Brasil Ciencias Anais 30:241-3 Je '58

Steyskal, G. C. Postabdomen of male acalyptrate diptera. Entom Soc Am Ann 50:71-3 Ja '57

See also

Blowflies

Ceratopogonidae

Drosophila

Fleas

Flesh flies

Flies

Horse flies

Midges

Mosquitoes

Simuliidae

Warble flies

DIRECTION, Sense of. See Orientation**DIRECTORIES**

Guide to American directories for compiling mailing lists, 1958. Klein '58 288p

Metropolitan research company, Los Angeles. Association index; a source-list of directories and other pubs. listing associations. The company '58 122p annot

Vaughan, H. R. Overseas directories, who's who, press guides & yearbooks, 8th ed The author '54 14p

See also

Trade directories

United States—Industries and resources—Directories

also subhead Directories under names of special subjects, e.g. Scientists—Directories

DIRIGIBLE balloons. See Airships

DISABLED

Rehabilitation

- Allan, W. Scott. *Rehabilitation: a community challenge*. Wiley '58 p226-40
- Denmark. Udvalget vedrørende erhvervs-mæssige foranstaltninger for erhvervs-hæmmede. Betænkning. Schultz '51 p 104-11
- Hoske, Hans. Wiederherstellung der lebens-tüchtigkeit geschädigter menschen; re-habilitation in inländischer und ausländi-scher sicht. (Arbeit und gesundheit; sozial-medizinische schriftenreihe aus dem gebiete des Bundesministeriums für arbeit, new ser, no56) Thieme '55 p 189-213
- Hunt, Valerie V. Recreation for the handi-capped. (Prentice-Hall education ser) Pren-tice-Hall '55 p291-7
- Lofquist, Lloyd H. Vocational counseling with the physically handicapped. (Cent. psychology ser) Appleton '57 p357-67
- National society for crippled children and adults. Proceedings [of] the Institute on rehabilitation centers. The society '55 p70-2 annot
- National society for crippled children and adults. Library. Books and pamphlets on rehabilitation; a sel. checklist of pubs. in print. rev ed The society '56 13p
- Pollack, J. Medical care and rehabilitation under workmen's compensation. Am J Pub Health 45:651-2 My '55
- United nations. Department of social affairs. Rehabilitation of the handicapped. (Social welfare information ser, special issue) The department '53 p26-84
- Warren, Sol L. Vocational rehabilitation of the tuberculous; an abstract by Mary Dempsey. Nat. tuberculosis assn. '55 p 177-90

See also

- Occupational therapy
Rehabilitation centers

DISARMAMENT

- Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Deutsches und ausländisches schrifttum zur frage der abrüstung, 1945-1956; unter besonderer berücksichtigung des schrifttums zu den problemen der kernwaffen und der internationalen kontrollen der kernenergie. (Aktuelle bibliographien des Europa-archivs, no 13) The institute '57 44p
- Henkin, Louis. Arms control and inspection in American law; with a foreword by Philip C. Jessup. Columbia univ. press '58 p270-7
- Melman, Seymour, ed. Inspection for disarmament. Columbia univ. press '58 incl bibliog
- Mezerik, A. G. ed. Disarmament; postwar through 1957. incl. satellites and missiles. (V3, no39) Int. review service '57 p44-8
- United States. Library of Congress. Legis-lative reference service. Disarmament and security; a coll. of docs, 1919-55. U.S. Gov. ptg. office '56 p 1002-26

See also

Militarism

DISASTERS

- Raker, John W. and others. Emergency med-ical care in disasters: a summary of re-corded experience. (Disaster study no6) Com. on disaster studies, Nat. research council '56 p67-75
- Rayner, J. F. Studies of disasters and other extreme situations—an annotated selected bibliography. Human Organ 16:30-40 Sum-mer '57
- Robinson, Donald. Face of disaster. Double-day '59 p235-40 annot
- United States. Engineer school. Library. Disasters, a selected list of periodical articles available in the Library. The library '56 11p
- Wallace, Anthony F. C. Human behavior in extreme situations; a study of the litera-ture and suggestions for further research. (Disaster study no 1) Com. on disaster studies, National research council '56 p31-5
- Wallace, Anthony F. C. Tornado in Wor-cesters; an exploratory study of individual and community behavior in an extreme situation. (Disaster study no3) Com. on disaster studies, National research council '56 p 161-3

See also

- Fires

Psychological aspects

- Fritz, Charles E. and Mathewson, John H. Convergence behavior in disasters; a prob-lem in social control. (Disaster study no9) Com. on disaster studies, Nat. research council '57 p93-102
- DISCIPLES of Christ
- Lindley, D. Ray. Apostle of freedom. (Bethany history ser) Bethany press '57 p255-61
- Pierson, R. M. Literature of the Disciples of Christ and closely related groups. Coll Bible Q 34:10-26 J1 '57
- Pierson, R. M. Literature of the Disciples of Christ and closely related groups. Relig in Life 26:274-88 Spring '57

DISCIPLINE, Mental. See Mental discipline

DISCOUNT

- Hollander, Stanley Charles. Special interest bibliography on discount selling, retail price-cutting, and resale price controls. (AMA bibliog. ser, no3) Am. marketing assn. '56 52p annot

DISCOVERIES (in geography)

- Bewick, E. N. Selected book list. (In Hobley, Leonard Frank. Early explorers to A.D. 1500. Roy pubs. '56 p72-3) annot
- Die entdeckung und erforschung der erde; mit einem abc der grossen entdeckung und for-scher. 2d ed (Brockhaus-taschenbücher des wissens) Brockhaus '53 p315-21
- Herrmann, Paul. Great age of discovery; tr. by Arnold J. Pomerans. Harper '58 p487-95
- Le Gentil, Georges. Découverte du monde; préf. de Ch. A. Julien. (Pays d'outre-mer; colonies, empires, pays autonomes, sér6: Peuples et civilisations d'outre-mer, 3) Presses univ. de France '54 incl bibliog
- Leithäuser, Joachim G. Worlds beyond the horizon; tr. from the German by Hugh Merrick. Knopf '55 p409-12
- Penrose, Boies. Travel and discovery in the renaissance, 1420-1620. 2d ed Harvard univ. press '55 p335-56
- Pertek, Jerzy. Polacy na szlakach morskich świata. Zakład narodowy im. Ossolińskich we Wrocławiu '57 p577-89

See also

- America—Discovery and exploration
Explorers
India—Discovery and exploration
Northeast passage
Voyages and travels

DISCOVERIES (in science). See Inventions; Patents

DISCRIMINATION (psychology)

- Goss, A. E. Vicarious trial and error and re-lated behavior. Psychol Bul 53:52-4 Ja '56

See also

- Threshold (psychology)

DISCRIMINATION in education

- Lee, Alfred McClung. Fraternities without brotherhood; a study of prejudice on the Am. campus. Beacon press '55 incl bibliog
- Tuskegee institute. Department of records and research. Selected list of references re-lating to discrimination and segregation in education, 1949 to June, 1955. (Records and research pamphlet no6) The institute '55 9p
- United nations. Sub-commission on prevention of discrimination and protection of minori-ties. Study of discrimination in education: progress report by the special rapporteur, submitted by Charles Ammoun. The or-ganization '54 7p at end
- Same; with title: Estudio sobre la dis-criminación en materia de educación: in-forme del relator especial sobre la marcha de sus trabajos, presentado por Charles Ammoun. The organization '54 7p at end
- Same; with title: Etude des mesures dis-criminatoires dans le domaine de l'enseigne-ment: rapport du rapporteur spécial sur l'état d'avancement de ses travaux, pré-senté par Charles Ammoun. The organiza-tion '54 8p at end

See also

- Segregation in education

DISCRIMINATION in employment

- Maryland. Division of employment service. Selected bibliography of current literature & visual aids: on employment of minority groups workers, comp [for] Minority groups conference, July, 1956, Washington, D.C. by J. Alvin Jones. The division '56? 9,6p
- Smith, Stanley Hugh. Freedom to work. Van-tage '55 p207-17

DISCRIMINATION in housing

Chicago commission on human relations. Excerpts for study in connection with proposed open occupancy legislation. The commission '58 p21-4

Commission on race and housing. Where shall we live? (Report) Univ. of Calif. press '58 p11-7 annot

DISCUSSION

Keltner, John W. Group discussion processes. Longmans '57 incl bibliog

See also

Debates and debating
Forums (discussion and debate)

DISEASES

United States. Superintendent of documents. Diseases. (Price list 51A, 10th ed) U.S. Gov. ptg. office '59 9p

See also

Communicable diseases
Deficiency diseases
Virus diseases

Causes and theories of causation

Lovell, Reginald. Aetiology of infective diseases: with special reference to the subsidiary & important nonspecific factors. Mich. state univ. press '59 p 129-32

Wedler, Hans Wilfrid. Stammhirn und innere erkrankungen; kasuistik, statistik und kritik am beispiel stammhirnstecksplitterverlezzter. (Monographien aus dem gesamtgebiete der neurologie und psychiatrie, no76) Springer '53 p322-31

DISEASES, Chronic

Commission on chronic illness. Chronic illness in the United States; v 1. Prevention of chronic illness. Harvard univ. press '57 incl bibliog

Fox, Joseph. Chronically ill. Philosophical lib. '57 p206-14

Homburger, Freddy. Medical care of the aged and chronically ill; with particular emphasis on degenerative disorders, advanced cancer, and other as yet incurable diseases. Little '55 incl bibliog

DISEASES, Hereditary. See Heredity of diseases**DISEASES, Industrial**

Braun, D. C. and Truan, T. D. Epidemiological study of lung cancer in asbestos miners. AMA Archives Ind Health 17:651-3 Je '58

Elkins, H. B. Analyses of biological materials as indices of exposure to organic solvents. AMA Archives Ind Hygiene & Occup Med 9:221-2 Mr '54

Fletcher, C. M. Epidemiological studies of coal miners' pneumoconiosis in Great Britain. AMA Archives Ind Health 11:40-1 Ja '55

Hunter, Donald. Diseases of occupations. English univs. '55 incl bibliog

Klauder, J. V. and Combes, F. C. Aspects of occupational dermatoses; with particular reference to treatment and chromate dermatitis. Ind Med 24:22 Ja '55

Lerner, R. Bronchial asthma and asthmatic bronchitis in the chemical industry. Ind Med 24:458 O '55

Schepers, G. W. H. Industrial asthma and bronchitis. Ind Med 24:60-1 F '55

Teixeira, C. M. and Moreira, M. Higiene das minas: asbestose. Brazil Fomento Prod Min Bol 98:31-3, 49, 57 '56

See also

Anthrax
Beryllium poisoning
Carbon monoxide
Hygiene, Industrial
Lead poisoning
Lungs—Dust diseases
Manganese poisoning
Silicosis
Tetranitromethane poisoning

DISEASES, Mental. See Mental illness**DISEASES, Periodic. See Periodic diseases****DISEASES, Tropical. See Tropics—Diseases and hygiene****DISEASES of animals. See Veterinary medicine****DISEASES of children. See Children—Diseases****DISEASES of plants. See Plants—Diseases and pests****DISHWASHING and drying machines**

Weaver, Elaine Knowles. Study of hand versus mechanical dishwashing methods. (Research bul. 772) Ohio agricultural experiment station '56 p30-2

DISINFECTION and disinfectants

Hoffman, R. K. and others. Method for testing self-disinfecting surfaces. Soap & Chem Spec 31:163-4 Ag '55
Klarmann, E. G. Hospital infection and environmental disinfection. Soap & Chem Spec 35:105, 109-10 F-Mr '59

See also

Books—Disinfection
Fumigation
Hydrogen peroxide
Soil sterilization
Sterilization

DISLOCATIONS

Werne, Sven. Studies in spontaneous atlas dislocation [tr. by L. James Brown] (Acta orthopaedica scandinavica. Sup. no23) Munksgaard '57 p 145-50

DISLOCATIONS in metals

Lovell, L. C. and others. Etching reagents for dislocations in metal crystals. Metal Prog 75:96-B My '59

DISPENSATORIES

Lloyd, J. U. and others. Catalogue of the pharmacopoeias, dispensatories, formularies, and allied publications (1493-1957) in Lloyd library. Lloydia 20:3-41 Mr '57

See also

Pharmacopoeias

DISPERSION

Hammond, Rolt. Dispersion of materials. (Physical process in the chemical industry, v2) Philosophical lib. '58 incl bibliog

DIPSERIDS. See Colloids**DISPLACED persons. See Refugees****DISSECTION**

Foust, Harry Lewis, and Getty, Robert. Atlas and dissection guide for the study of the anatomy of domestic animals. 3d ed Iowa state college press '54 incl bibliog

DISSENTERS

Cowherd, Raymond Gibson. Politics of English dissent; the religious aspects of liberal and humanitarian reform movements from 1815-1848. N.Y. univ. press '56 p217-32

William's library, London. Notes on the bibliography of early nonconformity in Dr Williams's library. (Occasional papers, no5) Dr Williams's trust '57 10p

See also

Methodism

DISSERTATIONS, Academic

Abstracts of doctoral dissertations. See numbers of Journal of finance

Abstracts of doctoral dissertations, 1955 [-1956] Del Notes s29:159-71; s30:119-38 '56-57

Abstracts of doctoral dissertations in religious education, 1953-1954[-1958-1959] Relig Educ 50:167-91, 51:179-206; 52:179-203; 53:249-84; 54:269-300, 435-65 My '55, My '56, My '57, My '58, My '59

Abstracts of doctoral theses, July 1, 1954-June 30, 1955-July 1, 1956-June 30, 1957 Iowa St Coll J Sci 30:319-462; 31:341-554; 32:111-292 F '56, F. N '57

Abstracts of doctoral theses related to home economics, 1954-55[-1957-58] J Home Econ 48:208-16; 49:223-34; 50:223-30; 51:217-23 Mr '56, Mr '57, Mr '58, Mr '59

Abstracts of theses, Smith college, School for social work, 1955[-1959] Smith Coll Stud Social Work 26:53-101; 27:115-64; 28:59-103; 29:108-42; 30:73-124 F '56, F. O '57, F. O '59

Abstracts of theses and graduate degrees awarded, July 1957-June 1959. Wyo Univ Pubs 23:52-149 JI 15 '59

Abstracts of theses in the field of speech and drama, 10[-14] Speech Monog 22:142-56, 157-216; 23:84-126; 24:84-151; 25:84-149; 26:87-147 Je-Ag '55, Je '56, Je '57, Je '58, Je '59

Alabama. University. Library. Bibliography of masters' theses, 1900-1952; comp. by Catherine T. Jones [and others] (Bul. v51, no9) The library '57 146p

Alker, Lisl, and Alker, Hugo. Verzeichnis der an der Universität Wien approbierten dissertationen, 1937-1944[-1950-1957] Kerry '52-'59 3v

American association for health, physical education and recreation. Research council. Thesis abstracts committee. Thesis abstracts in health, physical education, and recreation, 1954-55[-1956-57] Univ. of Ill. '56-'58? 2v

DISSERTATIONS, Academic—Continued.

- American bar foundation. American bar research center. Graduate degrees in law, 1953-54[1957-58]. Current legal research projects and allied activities. (Pub. no2-6) The foundation '55-59 5v
- American doctoral degrees granted in the field of modern languages in 1953-1954[1957-1958] Mod Lang J 39:100-6; 40:145-9; 41:194-200; 42:142-6; 43:147-51 F '55, Mr '56, Ap '57, Mr '58, Mr '59
- Arizona. University. Library. Checklist of theses accepted for higher degrees, University of Arizona, 1952-1956[1959] The library '56-'59 4v
- Aslib. Index to theses accepted for higher degrees in the universities of Great Britain and Ireland, 1951/52[1956-57] (V2-7) The association '55-'59 6v
- Aus dem jahresverzeichnis der deutschen hochschulschriften 1921-1930[1953-1955] Z Ang & Amerik 4 no4:507-8; 5 no 1:120-7; no2:283-8; no3:345-50; no4:454-9; 6 no1:106-11; no2:219-23; no3:328-35; no4:438-42; 7 no 1:105-10; no2:223; no3:330-4; no4:440-3 56-'59
- Bamborough, E. S. Summaries of researches reported in degree theses. Brit J Educ Psychol 28:166-83 Je '58
- Bettersworth, John Knox. Mississippi theses, 1928-1952; a checklist of graduate theses dealing with Mississippi done at state insts. of higher learning. (Bibliog. ser. no 1) Social science research center, Miss. state college '53 19p
- Bibliografie der dissertaties ter verkrijging van de titel van doctor in de technische wetenschap en lijst der promoties honoris causa 1905-1955 [van de Technische hogeschool te Delft, Staatsdrukkerij- en uitgeverijbedrijf '55 167p
- Bibliographia. See numbers of Scientia paedagogica
- Bibliographie der an deutschen und österreichischen universitäten 1952-1955 angenommenen anglistischen dissertationen. Anglia 74 no3:385-412 '56
- Bibliographie der deutschen hochschulschriften im bereiche der pädagogik und psychologie, 1950-1953. Pädagogik 11 no4:317-20; no7:557-60; no8:634-40; no 11:901-4 '56
- Bibliographie der landwirtschaftlichen hochschulschriften, 1953-1956. (Leipzig. Deutsche bücherei. Sonderbibliographien, no 14) Verlag für buch- & bibliothekswesen '58 339p
- Bibliography of graduate theses accepted by Kentucky colleges and universities, 1949-1953. Ky Hist Soc Reg 54:153-84, 237-68, 373-88 Ap-O '56
- Bibliography of University of Iowa studies of stuttering through 1954. (In Johnson, Wendell, and Leutenegger, Ralph R. eds. Stuttering in children and adults; thirty years of research at the Univ. of Iowa. Univ. of Minn. press '55 p447-63)
- Bishop, D. Science thesis control in Europe and America. Am Doc 10:56-8 Ja '59
- Blackwell, Annie Margaret. List of researches in education and educational psychology, presented for higher degrees in the universities of the United Kingdom, Northern Ireland, and the Irish Republic from 1918 to 1948, classified according to a modification of the Dewey decimal system; with a foreword by Sir Fred Clarke. (Nat. foundation for educational research in England and Wales. Pubs, no 1) Newnes '50 173p
- Supplement no 1[1-3] 1952 and 1953[1956 and 1957] (Nat. foundation for educational research in England and Wales. Pubs. no 7, 9, 11) Newnes '54-'58 3v
- Bonn. Universität. Mathematisch-naturwissenschaftliche fakultät. Jahrbuch der dissertationen, 1950/51[1955/56-1956/57] (V 1-4) The faculty '52-'58 4v
- Bonn. Universität. Medizinische fakultät. Jahrbuch der dissertationen, 1951[1956/57] (V 1-7) The faculty '52-'58 7v
- Bonn. Universität. Philosophische fakultät. Jahrbuch der dissertationen, 1951/52 [1955/56] (V 1-5) The faculty '52-'56 5v
- Bonn. Universität. Rechts- und staatswissenschaftliche fakultät. Jahrbuch der dissertationen, 1952/53[1956/57] (V 1-5) The faculty '54-'57 5v
- Boyd, R. L. Abstracts of dissertations in accounting. Accounting R 33:265-89 Ap '58
- Bromberg, E. Bibliography of theses and dissertations concerning the Pacific Northwest and Alaska; sup. 1940-1957. Ore Hist Q 59:27-84 Mr '58
- California. State college, San Diego. Master of arts and master of science theses and projects, 1950-1957. The library '59 86p
- Cambridge. University. Abstracts of dissertations approved for the Ph.D., M.Sc. and M. Litt. degrees, 1951-1952[1956-1957] Board of research studies '54-'59 6v
- Canada. Canadian citizenship branch. Research division. Research on immigrant adjustment and ethnic groups; a bibliog. of unpublished theses, 1920-1958. The division '55 31p
- Cantrell, Clyde Hull, and Patrick, Walton Richard. Southern literary culture; a bibliog. of masters' and doctors' theses. Univ. of Ala. press '55 124p
- Carpenter, William Weston, and Capps, Arlie Glenn. Areas of educational administration considered in doctoral dissertations. (Mo. Univ. Education ser, no67) College of education '57 51p
- Case institute of technology. Research at Case, 1951-1958[1958] research projects, thesis abstracts, faculty publications; a pub. of references to research projects in progress at Case inst. during the past year; to theses completed by graduate students; and to scientific and scholarly works pub. by the faculty and staff. The institute '55-'59 4v
- Chronic, Byron John, and others. Bibliography of theses written for advanced degrees in geology and related sciences at universities and colleges in the United States and Canada through 1957. Pruett press '58 1v
- Cincinnati. University. Teachers college. Abstracts of graduate theses in education, 1944-1954; comp. and ed. by Gordon Hendrickson. (V5) The college '55 276p
- Clark university, Worcester, Massachusetts. Dissertations and thesis, no4[1-7] (Bul. no224, 229, 232, 241) The university '56-'59 4v
- Colorado state college of education. Abstracts of field studies for the degree of doctor of education, 1955[1958] (V 17-20) Univ. microfilms '56-'59 4v
- Columbia university. Graduate faculties. Masters' essays & doctoral dissertations, 1954-1955[1958-1959] The university '56-'59 5v
- Columbia university. Libraries. East Asiatic library. Columbia university masters' essays and doctoral dissertations on Asia, 1875-1956. The library '57 96p
- Columbia university. Teachers college. Register of doctor of education reports; v3, Jan. 1952-June 30, 1957; comp. by Mary Moore Beale and Helen Iseminger. The college '57 74p
- 1st[1-2d] annual sup. July 1, 1957-June 30, 1958[1-July 1 1958-June 30, 1959] Teach Coll Rec 60:220-30; 61:158-69 Ja, D '59
- Columbia university. Teachers college. Register of doctoral dissertations accepted in partial fulfillment of the requirements for the degree of doctor of philosophy; v4, 1947-1953; comp. by Mary Moore Beale and Helen Iseminger. The college '54 47p
- 1st[1-4th] annual sup. Jan. 1954-June 30, 1955 [1-Jan. 1957-June 30, 1958] Teach Coll Rec 57:257-61; 58:233-5; 59:299-301; 60:344-7 Ja '56, Ja '57, F '58 Mr '59
- Completed research in health, physical education, recreation, 1958. (V 1) Research council, Am. assn. for health, physical education, & recreation '59 p23-60
- Dargent, J. L. Bibliographie des thèses et mémoires géographiques belges, 1904-1958. 2d ed (Bibliog. belgica, 42) Comm. belge de bibliog. '59 83p
- Degrees conferred and graduate students in agricultural economics. J Farm Econ 38:656-702; 39:590-647 My '56, My '57
- Delft. Technische hogeschool. Bibliografie der dissertaties ter verkrijging van de titel van doctor in de technische wetenschap en lijst der promoties honoris causa, 1905-1955. Staatsdrukkerij- en uitgeverijbedrijf '55 167p
- Dissertation abstracts. See numbers of Church history
- Dissertation abstracts; a guide to dissertations and monographs available in microfilm. Univ. microfilms. See numbers
- Dissertationen, 1952[1957] auf dem gebiet der chemischen technik und ihrer grundlagen sowie auf angrenzenden fachgebieten. Chemie-ingenieur-technik 25:729-30; 26:689-90; 28:584-7; 29:536-8; 30:526-9; 31:530-5 D '53, D '54, D '56, Ag '57, Ag '58, Ag '59
- Dissertationen auf dem gebiete der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR bis zum jahre 1955. Z Slawistik 1 no3:158-60 '56

DISSERTATIONS, Academic—Continued

- Dissertationen auf den gebieten der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR im jahre 1956[1-1957] Z Slavistik 2 no2:257; 3 no5: 784-5 '57-58
- Dissertations in the Hispanic languages and literatures—1954[1-1958] Hispania 38:182-6; 39:320-4; 40:196-9; 41:195-9; 42:214-19 My '55, My '56, My '57, My '58, My '59
- Dissertations, their authors, and titles [theses of contemporary research completed in American and Canadian universities related to parks and recreation interests] Parks & Recreation 42:228-9 My '59
- Dockstader, Frederick J. American Indian in graduate studies: a bibliog. of theses and dissertations. (Contributions, v 15) Museum of the Am. Indian, Heye foundation '57 399p
- Doctoral degrees granted in 1955[1-1957-58] Monatshefte 48:42-3; 49:44-5; 50:41; 51:44-5 Ja '56, Ja '57, Ja '58, Ja '59
- Doctoral dissertations accepted by American universities, 1954-1955; comp. for the Assn. of research libraries. (No22) Wilson '55 298p
- Doctoral dissertations in areas contiguous to speech. Speech Monog 24:299-308 N '57
- Doctoral dissertations in political science in American universities. Am Pol Sci R 49:792-826; 50:807-44; 51:788-808; 52:915-24; 53:896-914 S '55, S '56, S '57, S '58, S '59
- Doctoral dissertations in radio and television. J Broadcasting 1:377-83 Fall '57
- Doctoral dissertations in social work, July 1, 1954, through June 30, 1955[1-July 1, 1958, through June 30, 1959] Social Serv R 29:306-8; 30:358-61; 31:339-42; 32:303-10; 33:308-19 S '55, S '56, S '57, S '58, S '59
- Doctoral dissertations in sociology. Am J Sociol 61:70-7 JI '55
- Doctoral dissertations on Latin American topics, 1954[1-1955] Hispan Am Hist R 35:221-70; 36:348-80 My '55, Ag '56 annot
- Doctoral studies on the education of teachers and administrators 1951-2[1957-58] J Teach Educ 4:143-50; 5:160-9; 6:149-56; 7:177-86; 8:318-27; 9:317-26; 10:366-75 Je '53, Je '54, Je '55, Je '56, S '57, S '58, S '59
- Doctor's dissertations and masters' theses on the education of the deaf, 1956[1-1959] Am Ann Deaf 101:81-8; 102:169-77; 103:151-7; 104: 93-101 Ja '56, Ja '57, Ja '58, Ja '59
- Dunn, James Taylor. Masters' theses and doctoral dissertations on New York history, 1870-1954. rev N.Y. state historical assn. '55 20p
- Dux, Werner, and Fleischhack, Curt. Bibliographie der landwirtschaftlichen hochschulschriften; ein systematisches verzeichnis der titel aller in deutscher sprache in den jahren 1945-1952 an deutschen, schweizerischen und österreichischen universitäten und hochschulen veröffentlichten dissertationen und habilitationsschriften auf dem gebiet der land- und forstwirtschaftswissenschaften; mit einem geleitwort von Dr. Werner Wöhlbein. (Leipzig. Deutsche bücherei. Sonderbibliographien, 1) Verlag für buch- & bibliothekswesen '54 172p
- Eells, Walter Crosby. American dissertations on foreign education; doctor's dissertations and master's theses written at Am. univs. and colleges concerning education or educators in foreign countries and education of groups of foreign birth or ancestry in the U.S. 1884-1958. Com. on int. relations, Nat. education assn. of the U.S. '59 300p annot
- Eells, Walter Crosby. American doctoral dissertations on education in countries of the Middle East. Middle East inst. '55 28p
- Eells, W. C. American doctoral dissertations on education written by women in the nineteenth century. Educ Horizons 35:53-6 Winter '58
- Eells, W. C. American doctoral dissertations on educational psychology in foreign countries. J Educ Psychol 47:133-6 Mr '56
- Eells, W. C. American doctoral dissertations on English written by women in the nineteenth century. C L A J 2:25-33 S '58
- Eells, W. C. American doctoral dissertations on personnel problems and procedures in foreign countries. Personnel & Guid J 34: 226-8 D '55
- Eells, W. C. American doctoral dissertations on science written by women in the nineteenth century. Sci Educ 41:415-17 annot
- Eells, W. C. American doctoral dissertations on secondary education in foreign countries. Nat Assn Sec Sch Prin Bul 40:166-75 My '56
- Eells, W. C. American doctoral theses on modern languages written by women in the 19th century. Mod Lang J 41:209-11 My '57
- Eells, W. C. Dissertations on foreign education accepted by American universities. J Educ Sociol 30:147-56 N '56
- Elliott, Claude. Theses on Texas history; a check list of theses and dissertations in Tex. history produced in the depts. of history of eighteen Tex. graduate schools and thirty-three graduate schools outside of Tex., 1907-1952. Tex. state historical assn. '55 280p
- Fischer, H. Neue forschungen zur deutschen dichtung des späten mittelalters <1230-1500> Deutsch Vierteljahrs Literaturw & Geistesgesch 31 no 2:342-5 '57
- Flasche, Hans. Die sprachen und literaturen der Romanen im spiegel der deutschen universitätsschriften 1885-1950; eine bibliographie. Langues et littératures romanes dans les publications universitaires allemandes 1885-1950. (Bonner beiträge zur bibliotheks- und bücherkunde, v3) Bouvier '58 299p
- Same; with title: Romance languages and literatures as presented in German doctoral dissertations. Bibliog. soc. of the Univ. of Va. '58 299p
- Florida. University. Publications and theses. July 1, 1953-June 30, 1955. The university '56 184p
- Florida. University. College of education. Abstracts of doctoral studies in education, 1955[1-1959] The college '55-'59 5v
- Folk dance guide, 9th annual edition, Paul Schwartz '59 p28-9
- Fordham university, New York. Graduate school. Dissertations accepted for higher degrees in the Graduate school 1955[1-1959] (V22-26) The university '55-'59 5v annot
- Forestry theses accepted by colleges and universities in the United States; sup. 1953-1955 incl. additions for 1904-1952, comp. by Katherine H. Osborn; subject index by Louis W. Powell and William I. West. (Bibliog. ser, no5) Lib. Ore. state college '57 44p
- French bibliographical digest; no 1 (ser3)
- French doctoral theses; Sciences, 1951-1953.
- French cultural services of New York '55 75p
- Genealogical associates. Genealogy and local history; an archival and bibliographical guide. The firm '58 p90-3 annot
- George Washington university, Washington, D.C. Summaries of doctoral dissertations. George Washington university, 1955[1-1958] (Bul) The university '56-'58 4v
- Georgia. Institute of technology, Atlanta. Graduate division. Abstracts of theses, 1952/54[1-1958/59] (Engineering science management, v2-4) The division '54-'59 3v
- Georgia. Institute of technology, Atlanta. Library. Staff association. Theses and dissertations accepted in partial fulfillment of the requirements for graduate degrees by the Institute, 1925-1957. (Ga. State engineering experiment station. Bul. 22) The institute '58 70p
- Supplement, no 1, 1958. The institute '58 8p
- Gesamentlike katalogus van proefskrifte en verhandelinge van die Suid-Afrikaanse universiteite. Union catalogue of theses and dissertations of the South African universities, 1942-1958; comp. by Stephanus I. Malan. Protochestrroomse univ. vir christelike hoër onderwys '59 208p
- Das getreide und seine verarbeitung; universitätsschriften aus den jahren 1900-1950. Bundesforschungsamt für getreideverarbeitung '53-'55 4v in3
- Nachtragsband 1, 1951-55. Bundesforschungsamt für getreideverarbeitung '58 31p
- Graduate school of banking theses approved for library circulation. Banking 48:146; 49: 144-5; 50:44-; 51:90-1 D '55, N '56, Ja, N '58
- Graduate studies and research in mineral engineering, 1956-1959. Trend Eng 11:5-7+ Ap '59
- Graduate theses accepted by library schools in the United States 1954-1955[1-1958-1959] Lib Q 25:386-96; 26:367-74; 27:327-34; 29: 48-54, 256-64 O '55, O '56, O '57, Ja, O '59
- Graduate theses; an index of graduate work in speech. 22[1-26] Speech Monog 22:111-35; 23:189-215; 24:155-80; 25:151-76; 26:155-82 Je '55, Ag '56, Ag '57, Ag '58, Ag '59

DISSERTATIONS, Academic—Continued

- Graduate theses and dissertations on broadcasting: a topical index. *J Broadcasting* 2:55-90 Winter '57
- Graduate theses in agricultural engineering. *Ag Eng* 36:339-40 My '55
- Graduate theses in speech and hearing disorders. 1954[-1955] *J Speech & Hear Dis* 21: 94-100; 22:104-12 Mr '56, Mr '57
- Graduate theses in theatre, 1953[-1957] *Educ Theatre J* 7:154-62; 8:143-53; 9:141-50; 10: 139-49; 11:143-52 My '55, My '56, My '57, My '58, My '59
- Habilitationsschriften und doktordissertationen der Martin-Luther-universität Halle-Wittenberg im Jahre 1954[-1956] *Halle Univ Wiss Z Gesellsch & Sprachw Reihe* 4:571; 5: 739; 6:695 JI 15 '55, Mr '56, Ag '57
- Habilitationsschriften und doktordissertationen der Martin-Luther-universität Halle-Wittenberg im Jahre 1954[-1957] *Halle Univ Wiss Z Math Naturw Reihe* 4:1095-8; 5:847-9; 6:529-30, 705-7; 7:533-6 Ag '55, Ap '56, Je-JI '57, JI '58
- Hanover. Technische Hochschule. Dissertationen, 1954-1955[-1958] (V 1-4) *The university* '56-'59 4v
- Hartman, H. L. Bibliography of theses on mining in U.S. institutions. *Colo Sch Mines Q* 51:1-70 Ap '56 annot
- Higher degrees in sociology conferred in 1954[-1958] *Am J Sociol* 61:55-69; 62:68-82; 63:80-91; 64:82-73; 65:77-90 JI '55, JI '56, JI '57, JI '58, JI '59
- Hove, Julien van. Inventaire des mémoires présentés aux écoles de bibliothécaires de Belgique. (Bibliog. belgica 25) *Comm. belge de bibliog.* '57 86p
- Illinois institute of technology. Publications: an annual pub. of references to theses completed by the graduate students and to scientific and scholarly works pub. by the staff of IIT incl. the college and graduate school, the Armour research foundation, and the Inst. of gas technology. (V6-7) *Technology center* '57-'58 2v
- Illinois state normal university. Abstracts of theses. June 1955 and August 1955[-June & August 1957 and June & August 1958] (Teacher education, v 18, no4; v 19, no4; Bul) *The university* '56-'58 3v
- Index to American doctoral dissertations, 1955-1956[-1957-1958] (Dissertation abstracts, v 16, no 13; v 17, no 13; v 18, no7) *Univ. microfilms* '57-'59 3v
- Indiana. University. School of education. Studies in education 1955[-1958] (Thesis abstract ser. no7-10) *The school* '56-'59 4v
- Industrial relations theses and dissertations accepted at universities. July 1, 1955-June 30, 1956[-July 1, 1957-June 30, 1958] *Inst. of industrial relations, Univ. of Calif.* '57-'59 3v
- Iowa. State teachers college. Bureau of research. Masters theses in education, 1954-55[-1958-59] (No4-8) *Research pubs.* '55-'59 5v
- Iowa. University. Doctoral dissertations; abstracts and references, 1952. (V 10) (Studies. Aims and progress of research, no83) *State Univ. of Iowa press* '54 251p
- Jahresverzeichnis der deutschen hochschulschriften, 1951[-1956] (V67-72) *Verlag für buch- & bibliothekswesen* '55-'59 6v
- Jahresverzeichnis der schweizerischen hochschulschriften, 1951[-1957] (V54-60) *Verlag der Univ.-bibliothek* '52-'58 7v
- Japan science review. Literature, philosophy and history: abstracts and reviews of dissertations, v 1[-9] *Union of Japanese socs. of literature, philosophy & history* '50-'58 9v
- Jenkins, D. L. Union list of theses of the University of New Zealand, 1910-1954. *N.Z. lib. assn.* '56 np
- Joint committee of the Music teachers national association and the American musicalological society. Doctoral dissertations in musicology; comp. by Helen Hewitt. 2d ed *Music teachers nat. assn.* '58 86p
- Jones, John Alan. List of unpublished doctoral dissertations and masters theses in the field of anthropology bearing on North American Indians north of Mexico. U.S. Dept. of justice '52? 19p
- Julius, W. Dissertationen und habilitationsschriften der jahre 1945-1952 aus dem gebiete der chirurgie. *Zentr Chirurg* 79 no 1: 44-5; no2:74-6; no3:109-15; no4:173-4; no5: 193-204; no6:239-46; no7:283-90; no8:336-46; no9:389-98; no 10:420-6; no 11:466-76; no 15: 635-6; no 16:694-7; no 17:725-9; no21:904-11; no22:946-58 '54
- Julius, W. Dissertationen und habilitationsschriften der jahre 1949-1952 aus dem gebiete der tuberkulose. *Z Tuberkulose* 106 no 1:37-44; no2:95-102; 108 no6:348-59; 109 no5:301-4 '55-'56
- Kansas. State college of agriculture and applied science, Manhattan. Graduate school. Abstracts of dissertations for the degree of doctor of philosophy, 1933-1955. *The school* '55 116p
- Kantor, Harry. Bibliography of unpublished doctoral dissertations and masters theses dealing with the governments, politics and international relations of Latin America. (Pubs, ser 1, v 13) *Inter-Am. bibliog. & lib. assn.* '53 85p
- Kidder, F. E. and Bushong, A. D. Bibliography of doctoral dissertations relating to Puerto Rico accepted by United States colleges and universities through 1955-56. *Southeast Latin Am* 2:5-12 S '58
- King, Annie Greene. Annotated bibliography of graduate theses completed at Tuskegee institute, 1945-1953. *Hollis Burke Frissell lib, Tuskegee inst.* '54 30p
- Kornicker, L. S. Bibliography of ostracode theses. *Micropaleontology* 3:287-90 JI '57
- Krause, Wilhelm. Gesamtverzeichnis der programme und festschriften der schulen Österreichs. 1945-1955. *Österreichischer bundesverlag* '56 310p
- Lee, E. F. Doctoral dissertations in radio and television at German universities, 1920-1957. *J Broadcasting* 2:369-75 Fall '58
- Leeds, England. University. Publications and titles of theses 1952/53[-1956/57] *The university* '55-'59 5v
- List of master's theses, 1955[-1957] *Del Notes* s29:151-7; s30:109-17; s31:43-9 '56-'58
- Liste des thèses de lettres soutenues devant les universités françaises (Paris et province) en 1954[-1956] *Paris Univ Ann* 25:126-39; 26:128-43; 27:299-314 Ja '55, Ja '56, Ap '57
- Liste des thèses de sciences soutenues devant les universités françaises (Paris et province) en 1951[-1956] *Paris Univ Ann* 25: 265-88; 26:273-96, 457-60; 27:477-504 Ap '55, Ap-JI '56, JI '57
- London. University. Theses and dissertations accepted for higher degrees 1 Oct. 1954-30 Sept. 1955[-Oct. 1957-30 Sept. 1958] a classified list with auth. and subject indexes prepared by the Univ. of London lib. with an app. of bibligs, submitted for the academic postgraduate diplomas in librarianship and in archive administration. *The university* '56-'59 4v
- Los Angeles. University of Southern California. Abstracts of dissertations for the degree of doctor of philosophy, the degree of doctor of education, the degree of doctor of musical arts, the degree of public administration, and the degree of doctor of theology; with titles of theses and projects accepted for master's degrees 1954[-1958] *Univ. of Southern Calif. press* '54-'58 5v
- Madrid. Universidad. Catálogo de las tesis doctorales manuscritas existentes en la Universidad de Madrid. *Gráficas González* '52 36p
- Massachusetts institute of technology. Publications of the Institute and theses for advanced degrees for the year ending July 1, 1958. *The institute* '58 109p
- Masters' theses, 1954-55[-1957-58] *Iowa St Coll J Sci* 30:463-70; 31:555-64; 32:293-302; 33: 497-506 F '56, F, N '57, My '59
- Master's theses accepted by U.S. colleges and universities in the fields of chemical engineering, chemistry, mechanical engineering, metallurgical engineering, and physics, 1955 and 1956[-1957] *Thermophysical properties research center, Purdue Univ.* '57-'58 2v
- Masters' theses compiled in journalism, 1949-50[-1951-52] *Journalism Q* 28:100-7; 29:78-84; 30:115-17 Winter '51, Winter '52, Winter '53
- Master's theses in communication, 1954 to 1959. (In Chicago. University. Committee on communication. Studies in public communication, no2. *The university* '59 p77)
- Masters' theses under way in Negro colleges and universities, 1953-1954[-1958-1959] *Negro Educ J* 6:63-88; 6:75-85; 7:79-92; 8:75-91; 9:78-94; 10:72-92 Ap '54, Ap '55, Ap '56, Ap '57, Ap '58, Ap '59
- Matl, J. and Scherer, A. Wiener & bzw. Grazer dissertationen über den Südosten <1918-1948> *Osteuropa* 7:149-51 F '57

DISSERTATIONS. Academic—*Continued*

- Methodist publishing house, Nashville. Bibliography of theses and dissertations relating to audio-visuals and broadcasting; prepared by Bob J. Goller. The company '58 155p
- Milatz, Alfred, and Vogelsang, Thilo, eds. *Hochschulschriften zur neueren deutschen geschichte; eine bibliographie*. 1. ausg. 1945-1955. Selbstverlag der Komm. für geschichte des parlamentarismus & der politischen parteien '56 142p
- Miller, Genevieve. Adoption of inoculation for smallpox in England and France. Univ. of Pa. press '57 p292-3
- Minnesota. University. Register of Ph.D. degrees conferred by the University 1938 through June 1956. The university '57 365p
- Mississippi. State college. Library. Abstracts of theses, 1949-50[1957-1958] (Lib. pub. no2-4, 7-8) Graduate school '55-'59 5v
- Moore, Harvey L. Doctoral dissertations on the management and ecology of fisheries, additional listings, 1952-55. (U.S. scientific rep.—Fisheries, no272) U.S. Fish & wildlife service '59 31p
- Mummendey, Richard. Language and literature of the Anglo-Saxon nations as presented in German doctoral dissertations, 1885-1950; a bibliography. Bibliog. soc. of the Univ. of Va. '54 200p
- Münster. Universität. Katholisch-theologische fakultät. Dissertationen in den jahren 1940-1956. Westfälische vereinsdruckerei '56 80p
- Münster. Universität. Mathematisch-naturwissenschaftliche fakultät. Dissertationen. in referaten, no 11-161 The university '52-'59 16v
- National conference of Christians and Jews. Dissertations and theses in religion and public education; a partial listing, 1952-1958; comp. by Elizabeth D. Norris. Religion & public education com. Comm. on religious operations '58 6p
- National sales executives, incorporated, New York. Current list of unpublished studies for sales executives and specialists in marketing prepared by graduate students, 1951/52[1954] The corporation '53-'54 2v
- Neue dissertationen. Hochschule für bodenkultur, Wien (1954-1956) Schrifttum Bodenkultur 9 no 1/2:39-40 '57
- Neue dissertationen: Österreichische dissertationen. 1952-1955. Schrifttum Bodenkultur 8 no 2:32-6 '56
- Neue dissertationen: Schweizerische dissertationen. 1953-1954[1956] Schrifttum Bodenkultur 8 no 1:12-14; 9 no4:84-6; 10 no3:58 '56-'58
- New York state and local historical research in progress. 2d[8th] annual listing. 1952[1958] N. Y. Hist. 34:389-92; 35:358-62; 36:426-31; 37:310-15; 38:406-11; 39:273-9; 40:302-10 JI '53, JI '54, O '55, JI '56, O '57, JI '58, JI '59
- New York university. Graduate school of business administration. Bibliography of graduate theses in the field of marketing, written at U.S. colleges and universities, 1950-1957. The school '58 92p
- North Carolina. Agricultural and technical college, Greensboro. Graduate school. Abstract of graduate theses, 1953-1954[1956-1957] (Bul. v2 no2; v3 no3; v4 no4; v5 no5) The college '54-'57 4v
- North Carolina. University. State college of agriculture and engineering, Raleigh. Graduate school. Faculty publications and research, together with abstracts of doctoral dissertations and master's theses, 1950-52[1956 and 1957] (State college record, v53, no4; v54, no 1; v56, no9; v58, no6) The college '53-'59 4v
- North Dakota. University. Graduate division. Abstracts of doctoral dissertations and master's theses, 1952[1959] (Bul. no 1-8) The university '52-'59 8v
- Northwestern university, Evanston, Illinois. School of music. Bibliography of research, School of music, Northwestern university: theses, projects, dissertations; ed. by Hazel B. Morgan. The school '58 47p
- Nova Scotia research foundation. Annual report, April 1, 1955-March 31, 1956[1-April 1, 1958-March 31, 1959] (No9-12) Queen's printer '56-'59 4v no9, p64-8; no 10, p62-7; no 11, p41-56; no 12, p59-64
- Ohio. State university, Columbus. Graduate school. Abstracts of dissertations presented by candidates for the degree of Doctor of philosophy, 1950-51. (Abstracts of doctoral dissertations, no64-67) The university '53-'57 4v
- Ohio. State university, Columbus. Graduate school. Abstracts of theses presented for the master's degree, summer 1954-spring 1955 [summer 1955-spring 1956] (Abstracts of masters' theses, no76-81) Ohio state univ. press '56-'58 6v
- Ohio university, Athens. Graduate college. Abstracts of masters' theses submitted to the College in partial fulfillment of the requirements for the master's degree, 1955[1958] The college '55-'58 4v
- Oklahoma. University. Institute of community development. Bibliography of theses on Oklahoma in the University of Oklahoma library; comp. by Mary E. Morris. The institute '56 104p
- Osteuropa dissertationen. 1945-1950[1955-1958] Jahrb. Gesch. Osteurop. ns 1 no4:1-44 (at end) ns2 no2:45-72 (at end) ns3 no 1:73-113 (at end) ns4 no3:114-51 (at end) ns6 no4:153-94 (at end) '53-'58
- Ottawa. National library. Canadian theses; a list of theses accepted by Canadian universities. Theses canadiennes, 1952. The library '53 50p
- Paedagogica belgica, academica, 1954[1958] (No5-9) Inst. supérieur de sciences pédagogiques '55-'59 5v annot
- Paris. Ecole du Louvre. Position des thèses soutenues par les élèves agrégés de 1945 à 1953 et des mémoires présentés par les élèves libres de 1948 à 1953 pour obtenir le diplôme supérieur et le diplôme simple de l'Ecole du Louvre. The school '54 159p
- Pennsylvania state college. Abstracts of doctoral dissertations submitted to the College in partial fulfillment of the requirements for the degree of doctor of education and doctor of philosophy, 1955. (V 18) The college '56 479p
- Ph.D. degrees conferred in agricultural economics. J. Farm Econ 40:535-9; 41:480-4 My '58, My '59
- Phi Delta Kappa, incorporated. Research studies in education, 1954[1958] a subject index of doctoral dissertations, reps. and field studies; and a research methods bibliography. The fraternity '55-'59 5v
- Philadelphia. Temple university. Library. Graduate theses and dissertations, 1941-1950. The university '53 48p
- Polish problems in doctoral dissertations (partial list) Polish R 1:151-4 Spring '56
- Poulat, E. Thèses et mémoires présentés en France de 1940 à 1954 et touchant à la sociologie des religions. Archives Sociol. Relig. 1:159-71 Ja '56
- Purdue university, Lafayette, Indiana. Engineering experiment station. Abstracts of engineering staff publications and theses, 1955-56[1957-58] (Research ser., no 133, 137, 140) The university '57-'59 3v
- Radcliffe college. Graduate school. Doctors of philosophy, 1956-1957, with the titles of their theses. The school '57 26p
- Reading, England. University. Abstracts of theses approved for the degrees of Ph.D., M.A., and M.Sc. during the academic years 1957-58. The university '59 74p
- Reidy, Genevieve L. Graduate theses, 1944-1954 [abstracts] College of forestry, State univ. of N.Y. '55 116p
- Report on current research in schools of journalism, 1950-51[1956-57] Journalism Q 28: 93-9; 29:74-8; 30:112-14; 31:140-9; 32:109-18; 33:114-23; 34:135-43; 35:122-30; 36:104-14 Winter '51, Winter '52, Winter '53, Winter '54, Winter '55, Winter '56, Winter '57, Winter '58 Winter '59
- Research in business education completed or under way, 1955[1958] Nat. Bsns. Educ. Q 24:31-48; 25:31-48; 26:35-55; 27:29-48 Mr '56, Mr '57, Mr '58, Mr '59
- Research on Irish history in British and American universities, 1955-1956. Irish Hist. Stud. 10:225 S '56
- Research on Irish history in Irish universities, 1954-1955[1958-1959] Irish Hist. Stud. 9:339-41; 10:101-3, 325-7; 11:46-8, 223-5 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Research round up for 1955[1958] of chemical engineering theses. Chem. Eng. Prog. 52:33J-42J; 53:46J-49J; 54:75-8; 55:66-8 Ja '56, Ja '57, Ja '58, Ja '59

DISSERTATIONS, Academic—Continued

- Research theses, post-graduate theses in history, political science, etc. held by Australian universities. *Hist Stud Aus & N Z* 7: 348-58 N '56
- Research work, 1955[1-1958] *Hist Stud Aus & N Z* 7:117-18, 358-64; 8:96-110, 336-8 N '55, N '56, N '57, N '58
- Résumés de thèses de doctorat. See numbers of Paris. Université. *Annales*
- Rohracher, H. Scientific work at the Psychological department of the University of Vienna. *Acta Psychol* 13 no3:197-218 '57
- Röhrich, Lutz. Bibliographie volkswirtschaftlicher dissertationen an deutschen universitäten, 1945-1950. Württemberg. Landesstelle für volkswirtschaft '51 18p
- Rosen, Ned, and McCoy, Ralph E. Doctoral dissertations in labor and industrial relations, 1933-1953. (Bibliog. contributions, no5) *Inst. of labor & industrial relations, Univ. of Ill.* '55 86p
- St John's university, Brooklyn. Graduate school. Abstracts of dissertations, 1949-1950 [1-1957-1958] (V4-7) *The school* '51-'59 4v
- Schlundt, Esther Martia. Guide to dissertations submitted in partial fulfillment of the requirements for the degree of doctor of philosophy at Purdue university, 1893-1949 [1-1950-1953] *Purdue univ. libs.* '56-'58 2v
- Schwanbeck, Gisela. Bibliographie der deutschsprachigen hochschulschriften zur theaterwissenschaft von 1885 bis 1952. (Schriften, v58) *Gesellschaft für theatergeschichte* '56 563p
- Sedwick, F. Theses on Miguel de Unamuno at North American universities (to February, 1955) *Ky Foreign Lang Q* 3 no4:192-6 '56
- Sisson, S. Hull, and Walthall, Harry. Annotated bibliography of theses accepted for the master of science degree, Kansas state teachers college, Emporia, 1945 through 1954. (Emporia state research studies, v4, no4) *Graduate div, Kan. state teachers college* '56 44p
- Southern Methodist university. Abstracts of theses; masters' degrees in the Graduate school, 1952-53[1-1956-57] (No 15-17) *Southern Methodist univ. press* '58-'59? 3v
- Stockton, California. College of the Pacific. Library. Theses and dissertations accepted in partial fulfillment of requirements for advanced degrees at the College, 1913-1956. *The library* '57 69p
- Stratman, C. J. Unpublished dissertations in the history and theory of tragedy, 1889-1957. *Bul Bibliog* 22:161-4, 190-2, 214-16, 237-40; 23:15-20 S '58-Ja '60
- Stuttgart. Technische hochschule. Stuttgarter dissertationen, 1953-1955 in auszügen; redaktion: Manfred Koschlig. *The university* '57 384p
- Suchier, Wolfram. Bibliographie der universitätsschriften von Halle-Wittenberg, 1817-1895 (Arbeiten aus der Universitäts- und landesbibliothek Sachsen-Anhalt, 3) *Deutscher verlag der wissenschaften* '53 806p
- Summaries of dissertations for the degree of Ph.D. (In Harvard studies in classical philology, v62-64 *Harvard univ. press* '57-'59 3v v62, p 141-62; v63, p507-28; v64 p 259-62)
- Summaries of theses. See numbers of London. University. Institute of historical research. *Bulletin*
- Tarbox, G. E. Bibliography of graduate theses on geophysics in U.S. and Canadian institutions. *Colo Sch Mines Q* 53:1-55 Ja '58
- Texas. Agricultural and mechanical college. Graduate school. Abstracts of dissertations for the degree of doctor of philosophy, 1940/55. (VI) *The school* '56 225p
- Texas. University. Institute of Latin American studies. Seventy-five years of Latin American research at the University of Texas; masters theses and doctoral dissertations, 1893-1958, and pubs. of Latin Am. interest, 1941-1958. (Latin Am. studies, 18) *The institute* '59 67p
- Theologische und philosophische doktordissertationen der Universität Freiburg (Schweiz) 1953-1954[1-1956-1957] *Freiburger Z Philos & Theol* 1:465-6; 2:507-8; 3:461; 4:473-96 '54-'57
- Thèses de doctorat et mémoires de licence soutenus devant la Faculté de théologie de Lille en 1955[1-1957 et 1958] *Mélanges Sci Relig* 12:203-14; 14:115-18; 15:143-5 N '55, My '57, N '58
- Thèses et diplômes d'anthropologie physique à la Sorbonne. *Anthropologie* 58 no 1:153 '54
- Les thèses et mémoires de l'Ecole du Louvre, 1886-1953. *Gaz Beaux-Arts* 49:114-23 F '57
- Theses for the year 1955[1-1959] *S Atlan Bul* 21:14-16; 22:12-14; 23:11-13; 24:13-15; 25:9-11 N '55, N '56, N '57, N '58, N '59
- Tulane university of Louisiana. Faculty publications and list of dissertations and theses, 1956[1-1957 and 1958] *The university* '56-'58 2v 1956, p49-52; 1957 and 1958, p51-3
- Tulane university of Louisiana. Graduate school. Abstracts of dissertations and theses, 1955. (Bul. ser56, no 14) *The university* '55 117p
- Turner, Daniel S. Bibliography of geology theses, colleges and universities of the United States. *Petroleum research co.* '54 482p
- Ungedruckte dissertationen über Westfalen aus den Jahren 1942-1947[1-1948-1953] *Westfälische Forsch* 9:199-208; 10:190-2, 192-3; 11:152-67 '56-'58
- United States. Agricultural research service. Titles of completed theses in home economics and related fields in colleges and universities of the United States, 1950-51[1-1957-58] *The service* '51-'58 8v
- United States. Civil service commission. Library. Dissertations and theses relating to personnel administration accepted by American colleges and universities, 1955[1-1957] *The library* '57-'59 3v
- United States. Department of the army. Army library. Theses and dissertations in the holdings of the Library; a list of titles. (Special bibliog. no 14) *The library* '57 55p
- Uppsala. Universitet. Bibliotek. *Scripta academica*, 1954/55[1-1958/59] *The university* '55-'59 5v
- Utah. State university, Logan. Abstracts of theses for advanced degrees awarded at the commencement 1954[1-1958] (Monograph ser. v2, no4; v3, no3; v4, no4; v5, no4; v6, no3) *The college* '54-'58 5v
- Vienna. Dokumentationszentrum für technik und wirtschaft. Die dissertationen der Technischen hochschule Wien aus den jahren 1901-1953. (Abh. no25) *The center* '55 202p
- Virginia. Department of education. Cooperative program in educational research. (Va. State board of education. Bul. v38, no2) *The department* '55 p27-220
- Washington university, St. Louis. Libraries. Doctoral dissertations and master's theses accepted by Washington university, 1956-1957. *The university* '57 16p
- Washington university, St. Louis. Libraries. Doctoral dissertations and master's theses accepted by the University 1957-1958. (In Directory, university investigations, 1958: research in progress, faculty publications, dissertations and theses. Industrial liaison office, Wash. univ. '58 p65-73)
- Webbert, Charles A. Bibliography of masters' theses, University of Idaho, 1898-1958. *Lib. Univ. of Ida.* '58 92p
- Western Reserve university. Bibliography of publications by members of the faculties and Abstracts of dissertations by graduate students, July 1, 1950 to July 1, 1952[1-July 1, 1954 to June 30, 1956] *The university* '52-'56? 3v
- Woodress, James Leslie. Dissertations in American literature, 1891-1955. *Duke univ. press* '57 100p

Bibliography

- Cantrell, Clyde Hull, and Patrick, Walton R. Southern literary culture; a bibliog. of masters' and doctors' theses. *Univ. of Ala. press* '55 p93-5

Research in progress

- American bar foundation. American bar research center. Graduate degrees in law, 1953-54[1-1957-58] *Current legal research projects and allied activities.* (Pub. no2-6) *The foundation* '55-'59 5v
- Doctoral dissertations in political economy in progress in American universities and colleges, no521-56] *Am Econ R* 45:777-802; 46:804-33; 47:830-57; 48:804-35; 49:863-92 S '55, S '56, S '57, S '58, S '59
- Doctoral dissertations in progress, 1951[1-1958] *Am J Sociol* 61:70-7; 62:83-93; 63:92-100; 64: 74-84; 65:91-9 *Jl* '55, *Jl* '56, *Jl* '57, *Jl* '58, *Jl* '59

DISSERTATIONS. Academic—Research in progress—*Continued*

- Doctoral dissertations in speech: work in progress, 1955[1-1959] Speech Monog 22:136-41; 23:79-83; 24:77-83; 25:77-83; 26:79-86 Je '56, Je '56, Je '57, Je '58, Je '59
- Doctoral projects in progress in theatre arts, 1954[1-1958] Educ Theatre J 7:151-3; 8:154-6; 9:138-40; 10:136-8; 11:139-42 My '55, My '56, My '57, My '58, My '59
- Kidder, Frederick Elwyn. Survey of investigations in progress in the field of Latin American studies. Pan Am. union '56 58p
- Lange, H. In arbeit befindliche dissertationen. Z Ang & Amerik 6 no2:213-18 '58
- National institute of economic and social research, London. Register of research in the social sciences in progress and in plan, 1955[1-1956/7]. (No 12-13) Cambridge '55-'56 2v annot
- Research in progress. See numbers of American literature
- Research in progress in the modern languages and literatures, 1955[1-1958] PMLA 71:267-345; 73:47-93 Ap '56, Ap '58
- Virginia, Department of education. Cooperative program in educational research. (Va. State board of education. Bul. v38, no2) The department '55 p221-3

DISTEMPER

- Gillespie, J. H. Some research contributions on canine distemper. Am Vet Med Assn J 132:536-7 Je 15 '58

DISTILLATION

- Distillation literature: index and abstracts, 1946-1952[1-1953-1954] by Arthur and Elizabeth Rose. Applied sciences laboratories '53-'55 2v
- Hickman, K. High vacuum distillation. Ind & Eng Chem 48:499 Mr '56
- Krell, Erich. Handbuch der laboratoriumsdestillation. Deutscher verlag der wissenschaften '58 p447-63
- Paris, Alfred. Les procédés de rectification dans l'industrie chimique. Dunod '59 incl bibliog
- Rose, A. and others. Distillation analysis. Anal Chem 28:722-3; 30:631 Ap '56, Ap '58
- Walsh, T. J. and Calvert, S. High temperature distillation. Ind & Eng Chem 47:526; 48:495; 49:506; 50:457; 51:372 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Zuiderweg, F. J. Laboratory manual of batch distillation. Interscience '57 p 111-18

See also

Wood distillation

DISTILLERIES

Waste

- Slack, Samuel Thomas, and others. Value of distillers' feeds for dairy calves. (Bul. 932) N.Y. State college of agriculture, Ithaca; Cornell univ. agricultural experiment station '58 p26-8

DISTILLING industries

- Herlemann, Hans Heinrich. Branntweinpolitik und landwirtschaft; die stellung der landwirtschaftlichen brennereien in der westdeutschen branntweinwirtschaft. (Kiehl studien, 21) Inst. für weltwirtschaft '52 p218-21

DISTRIBUTIVE education

- Marr, Melvin L. Evaluated list of occupational information literature in distributive occupations. (Ill. Board of vocational education. Bul. no 162) Occupational information & guidance service; Business & distributive education service of vocational education '58 16p

DISTRICT OF COLUMBIA

- United States. Superintendent of documents. (Political science. (Price list 54, 39th ed) U.S. Gov. ptg. office '59 27p

DISTRICT schools. See Community schools

DITHIZONE

- Iwantschew, Georg. Das dithizon und seine anwendung in der mikro- und spurenanalyse; mit einem geleitwort von Hellmuth Fischer. Verlag Chemie '58 p234-57

DITHMARSCHEN

History

- Stoob, Heinz. Die dithmarsischen geschlechterverbände; grundfragen der siedlungs- und rechtsgeschichte in den Nordseemarschen. Westholsteinische verlags-anstalt Boyens '51 p 184-201

DIURETICS and diuresis

- Linderholm, Håkan. Active transport of ions through frog skin with special reference to the action of certain diuretics; a study of the relation between electrical properties, the flux of labelled ions, and respiration. (Acta physiologica scandinavica, v27, sup97) Lijlstrand '52 p 140-4

DIVINATION

See also

Astrology

DIVING, Submarine

- Carrier, Rick, and Carrier, Barbara. Dive: the complete book of skin diving. Funk '55 p288-9
- Dugan, James. Man under the sea. Harper '56 p319-22
- France. Marine. Groupe d'études et de recherches sous-marines. Complete manual of free diving, by Phillipe Tailliez [and others] tr. by Translations, New York. Putnam '57 p 165-70
- Hass, Hans. We come from the sea; tr. from the German by Alan Houghton Brodrick. Doubleday '59 p280-4
- International submarine bibliography, 1957[1-1958] W. A. H. Brase '57-'58 2v
- Lehrburger, Egon. Men under the sea, by Egon Larsen [pseud] Roy pubs. '55 p217-8
- Pringle, Patrick. Modern adventures under the sea. Watts '59 p238-40
- Rebikoff, Dimitri. Free diving; with a pref. by Yves Le Prieur; tr. from the French; Am. ed. ed. by Albert VanderKogel. Dutton '56 p215-16
- VanderKogel, Albert, and Lardner, Rex. Underwater sport. Holt '55 p 179-82

DIVINING rod

- Prokop, Otto, ed. Wünschelrute, erdstrahlen und wissenschaft, dargestellt in arbeitsgemeinschaft von G. Abele [et al] Enke '55 p 166-74
- Same; 2d ed Urania-verlag '57 p 186-97
- Vogt, Evon Zartman, and Hyman, Ray. Water witching. U.S.A. Univ. of Chicago press '59 p241-8

DIVISION

- Van Engen, Henry, and Gibb, E. Glenadine. General mental functions associated with division. (Educational service studies, no2) Iowa state teachers college '56 p95-7

DIVORCE

- Winnett, Arthur Robert. Divorce and remarriage in Anglicanism. St Martins '58 p277-81

DIXSON, Arthur Lee, 1867-1955

- Chaundy, T. W. Arthur Lee Dixon, 1867-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p35-6)

DMITRIEV, Nikolai Konstantinovich, 1898-1954

- Pritsak, O. Nikolaj Konstantinovič Dmitriev, 1898-1954. Ural-Altische Jahrb 27 no3-4: 237-41 '55

DO-it-yourself projects

- Michigan. University. Do it yourself: self-help manuals of the eighteenth and early nineteenth centuries; an exhibition in the William L. Clements library. The university '56 4p
- Smith, F. Seymour. Know-how books; an annot. bibliog. of do it yourself bks. for the handyman and of introd. to science, art, history and literature for the beginner and home student. Bowker '57 306p

DOBBS, Arthur, 1689-1765

- Clarke, Desmond. Arthur Dobbs, esquire, 1689-1765; surveyor-general of Ireland, prospector and governor of North Carolina. Univ. of N.C. press '57 p222-3

DOCK laborers. See Longshoremen

DOCTORS. See Physicians

DOCTRINAL theology. See Theology, Doctrinal

DOCUMENTATION

- Bibliographia. See numbers of Revue de la documentation
- Bibliographie. See numbers of Biblos
- Bibliographie. See numbers of Nachrichten für dokumentation
- Bibliographie des travaux de F. Donker Duyvis relatifs à la documentation. R Doc 21:13-15 Mr '54
- Supplément. R Doc 23:144-6 D '56
- Bulletin de documentation bibliographique. See numbers of Bulletin des bibliothèques de France

DOCUMENTATION—Continued

- Conference on the practical utilization of recorded knowledge—present and future, Western Reserve university, 1956. Documentation in action [ed. by] Jesse H. Shera [and others] Reinhold '56 incl bibliog
- Dain, N. E. Documentation in the social sciences. Librarian 46:108+ Je '57
- Frank, Otto. Literaturverzeichnis zur dokumentation 1930 bis 1950. (Handbuch der klassifikation no 7) Dorotheen-verlag '51 156p
- Same; 2d ed rev & enl (Handbuch der klassifikation no 7) Dorotheen-verlag '57 160p
- Frank, Otto. Literaturverzeichnis zur dokumentation 1951 bis 1954. (Handbuch der klassifikation no 10) Dorotheen-verlag '55 119p
- Frank, Otto. Literaturverzeichnis zur dokumentation 1955 bis 1958. (Handbuch der klassifikation no 11) Dorotheen-verlag '59 144p
- Literature notes. See numbers of American documentation
- Pietsch, E. Zur frage der kodifikation in der mechanischen dokumentation. Nachr Dok 7:119 S '56
- Quarterly documentation survey. See numbers of Journal of documentation
- Referate-dienst Dokumentation und information. See numbers of Nachrichten für dokumentation
- Schuchmann, M. Bibliographie der normen für das gebiet der dokumentation. Bibliographie des normes pour la documentation. (Pub. no 303) Int. federation for doc. '58 107p
- Schutze, G. Review of documentation literature and activities, 1957. Sp Lib 70:70-84 F '58
- Zeitschriftenschau. See numbers of Nachrichten für dokumentation
- See also
- Abstracting and indexing services
- Bibliographical centers
- Information storage and retrieval systems

Periodicals

- Brugghen, W. van der. Library and documentation periodicals. (FID-pub. 295) prel ed Int. federation for documentation '56 35p
- Buenos Aires, Universidad. Instituto bibliotecológico. Nómima de publicaciones periódicas de bibliotecología y documentación existentes en la biblioteca del Instituto. The institute '58 20p
- Schrifttum zur rationalisierung und dokumentation. Nachr Dok 7:161-3 S '56

Research in progress

- Roster of current research, development, and testing in documentation and librarianship, 1957-1958. Am Doc 9:184-91 J1 '58 annot

DOCUMENTATION centers

- Harth, R. Kostensparende planung und organisation einer dokumentationsstelle. Nachr Dok 10:84-5 J1 '59

DOCUMENTS

- See also
- Archives

DODGE, Raymond, 1871-1942

- Miles, W. R. Raymond Dodge, 1871-1942. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p 116-22)

DODGSON, Charles Lutwidge. See Carroll, L. pseud.

DOE, Janet, 1895-

- Janet Doe. Med Lib Assn Bul 45:283-4 J1 '57

DOGMATIC theology. See Theology, Doctrinal

DOGS

- Little, Clarence Cook. Inheritance of coat color in dogs. Comstock pub. associates '57 p 188-90

Diseases and pests

- Bild, C. E. Fluid therapy in the dog. Am Vet Med Assn J 131:101 J1 15 '57
- Bloom, Frank. Pathology of the dog and cat: the genitourinary system, with clinical considerations. Am. veterinary pubs. '54 incl bibliog
- Byrne, R. J. Canine leptospirosis and public health. Pub Health Rep 70:1235-6 D '55
- Ehrenford, F. A. and Snodgrass, T. B. Incidence of canine diroctophymiasis (giant kidney infection) with a summary of cases in North America. Am Vet Med Assn J 126:417 My '55

- Philip, C. B. There's always something new under the parasitological sun (the unique story of helminth-borne salmon poisoning disease). J Parasitol 41:147-8 Ap '55

- Robbins, E. S. North American blastomycosis in the dog. Am Vet Med Assn J 125:397-8 N '54

See also

- Distemper
- Salmon poisoning

DÖLGER, Franz Joseph, 1891-

- Baus, K. Bibliographia Doelgeriana. (In Klauser, Theodor. Franz Joseph Dölger, leben und werk; ein gedenkblatt. Aschendorff '56 p 11-18)

DOLLS

- Boehn, Max von. Dolls and puppets; tr. by Josephine Nicoll, with a note on puppets by George Bernard Shaw. rev ed Branford '56 p481-506

- White, M. E. Make-believe and whimsey. Museum (Newark) ns 7:19 Winter '55

DOLomite

- Greiner, H. R. Methy dolomite of northeastern Alberta: middle Devonian reef formation. Am Assn Pet Geol Bul 40:2079-80 S '56
- Hobbs, Charles. Roderick Bruce. Petrography and origin of dolomite-bearing carbonate rocks of ordovician age in Virginia. (Bul. no 116) Va. Engineering experiment station '57 p 123-8

DOLPHINS

- Gibbs, R. H. and Collette, B. B. On the identification, distribution, and biology of the dolphins, coryphaena and C. equiselis. Bul Marine Sci & Gulf & Carib 9:149-52 Je '59

DOMESTIC animals

- Dukes, Henry Hugh. Physiology of domestic animals; with a chapter on Physicochemical basis of physiological phenomena by E. A. Hewitt, a sec. on Physiological oxidations by J. E. Sumner, a chapter on Water, electrolytes, and acid-base balance by M. R. Kare, a pt. on intermediary metabolism by J. A. Dye, and a pt. on Endocrine organs, reproduction, and growth by S. A. Asdell. 7th ed Comstock pub. associates '55 incl bibliog

- Prodanović, Dušan. Bibliografija stočarstva i stočnih proizvoda Jugoslavije od 1740-1956. Veselin Masleša '56 408p

See also

- Cats
- Dogs
- Horses
- Live stock
- Pets
- Pigeons

Diseases and pests

- Hagan, William Arthur, and Bruner, Dorsey William. Infectious diseases of domestic animals; with special reference to etiology, diagnosis, and biologic therapy. 3d ed (Comstock ser. in veterinary medicine) Comstock pub. associates '57 incl bibliog

See also

- Parasites—Domestic animals

DOMESTIC finance. See Finance, Personal

DOMESTIC relations

See also

- Divorce
- Family
- Husband and wife
- Marriage
- Parent and child

DOMESTIC science. See Home economics

DOMINIC, Saint, 1170-1221

- Brady, Gerard K. Saint Dominic: pilgrim of light; with a pref. by Cardinal Lercaro. Kenedy '58 p 158-61

DOMINICAN REPUBLIC

- Debien, G. Les travaux d'histoire sur Saint-Dominique; chronique bibliog. 1952-54(-1954-56) R Hist Colonies 42 no 1:5-68; 44 no2:165-222 '55-'57

DOMINICANS in Ireland

- Mould, Daphne Desiree Charlotte Pochin. Irish Dominicans; the friars preachers in the history of Catholic Ireland; with pref. by M. Browne. Dominican pubs. '57 p267-71

DOMPELAERS. See Church of the brethren

DON Juan. See Juan, Don

DONDERS, Adolf, 1877-1944

- Schreiber, G. Neuzeitliches Westfalen in kirchengeschichtlicher sicht: Adolf Donders (1877-1944) und sein kreis. Westfälische Forsch 10:75-86 '57

- DONKER DUYVIS, Frits, 1894-**
Bibliographie des travaux de F. Donker Duyvis relatifs à la documentation. R Doc 21:13-15 Mr '54
—Supplément. R Doc 23:144-6 D '56
- DONKEYS.** See Asses and mules
- DONNAN, Frederick George, 1870-1956**
Freeth, F. A. Frederick George Donnan. 1870-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1957. The society '57 p36-9)
- DONNE, John, 1573-1631**
Bald, Robert Cecil. Donne & the Drurys. Cambridge '59 p 159-70
Donne, John. Sermons; sel. and introduced by Theodore A. Gill. (Living age bks) Meridian bks. '58 p284-8 annot
Donne, John. Songs and sonnets; an edition minor with introd. and explanatory notes by Theodore Redpath. Methuen '56 p 150-3
Keromde, Frank. John Donne. (Bibliog. ser. of sups. to British bk. news, no86) Longmans '57 p42-8
Keynes, Sir Geoffrey Langdon. Bibliography of Dr John Donne, dean of St Paul's. 3d ed Cambridge '58 285p annot
White, W. Sir Geoffrey Keynes's bibliography of John Donne; a review with addenda. Bul Bibliog 22:186-9 Ja '59
- DORMANCY (insects)**
Church, N. S. Hormones and the termination and reinduction of diapause in cephus cinctus Nort. (hymenoptera: cephidae) Can J Zool 33:367-9 O '55
Church, N. S. Moisture and diapause in the wheat stem sawfly, cephus cinctus Nort. (hymenoptera: cephidae) Can Entom 87:96-7 F '55
Harvey, G. T. Occurrence and nature of diapause-free development in the spruce budworm, choristoneura fumiferana (Clem.) (lepidoptera: tortricidae) Can J Zool 35:571-2 Ag '57
Lees, Anthony David. Physiology of diapause in arthropods. (Cambridge monographs in experimental biology, no4) Cambridge '55 p 133-48
- DORMANCY (plants)**
Blommaert, K. L. J. Significance of auxins and growth inhibiting substances in relation to winter dormancy of the peach tree. (Science bul. no368) South Africa. Dept. of agriculture '55 p22-3
Griesbach, R. A. and Voth, P. D. On dormancy and seed germination in hemerocallis. Bot Gaz 118:236-7 Je '57
Lasheen, A. M. and Blackhurst, H. T. Biochemical changes associated with dormancy and after-ripening of blackberry seed. Am Soc Hort Sci Proc 67:339-40 '56
Mann, L. K. and Lewis, D. A. Rest and dormancy in garlic. Hilgardia 26 no3:187-9 O '56
Roistacher, C. N. and others. 2,3,5-triphenyltetrazolium chloride as an indicator of germinability and dormancy of gladiolus cormels. Hilgardia 26 no 17:701-4 S '57
Vander Born, W. H. and Corns, W. G. Studies on seed dormancy, plant development and chemical control of tartary buckwheat (fagopyrum tataricum (L.) Gaertn.) Can J Plant Sci 38:365-6, 373; 39:70 J1 '58, Ja '59
- DORMITORIES**
Long, John Douglas. and Weimer, Arthur Martin. Financing of college and university student permanent housing; a research report. Am. council on education '57 p373-80
- DORNER, Alexander, 1893-1957**
Cauman, Samuel. Living museum: experiences of an art historian and museum director—Alexander Dörner; with an introd. by Walter Gropius. N.Y. univ. press '58 p211
- DORNSIEFF, Franz, 1888-**
Kusch, Horst, ed. Festschrift Franz Dornsieff zum 65. geburtstag. Bibliographisches inst. '53 p 13-28
- DORTMUND**
Economic conditions
Hellgrewe, Henry. Dortmund als industrie- und arbeiterstadt; eine untersuchung der wirtschaftlichen und sozialen entwicklung der stadt. (Buchreihe Wirtschafts- und sozialmonographien deutscher länder und städte, v2) Ardey verlag '51 p229-30
- DOSTOEVSKII, Fedor Mikhailovich, 1821-1881**
Beebe, M. Dostoevsky in English: a selected checklist of criticism and translations. Mod Fict Stud 4:271-91 Autumn '58
- Seduro, Vladimir. Dostoyevski in Russian literary criticism. 1846-1956. (Columbia Slavic studies) Columbia univ. press '57 p346-99
- Steiner, George. Tolstoy or Dostoevsky; an essay in the old criticism. Knopf '59 p349-54
- Yarmolinsky, Avrahm. Dostoevsky: his life and art. 2d ed rev & enl Criterion bks. '57 p413-27
- DOUBLE alternation.** See Alternation, Double
- DOUGLAS, Norman, 1868-1952**
Greenlees, Ian. Norman Douglas. (Bibliog. ser. of sups. to British bk. news, no82) Longmans '57 p35-8
- DOUGLAS fir**
Heiberg, S. O. and Haddock, P. G. Method of thinning and forecast of yield in Douglas-fir. J For 53:17-18 Ja '55
Lemmon, P. E. Factors affecting productivity of some lands in the Willamette basin of Oregon for Douglas-fir timber. J For 53:330 My '55
Lyr, H. Untersuchungen zur pathologie der douglasie. Arch Forstwesen 4 no5:543-4 '55
- DOVE, Arthur Garfield, 1880-1946**
Wight, Frederick Stallknecht, Arthur G. Dove. Univ. of Calif. press '58 p91-2
- DOVES.** See Pigeons
- DRACHMANN, Holger Henrik Herholdt, 1846-1908**
Ursin, Johannes. Bibliografi over Holger Drachmanns forfatterskab. Gyldendal '56 89p
- DRAFT horses**
Björck, Gustaf. Studies on the draught force of horses; development of a method using strain gauges for measuring forces between hoof and ground. (Acta agriculturae scandinavica. Sup4) Almqvist '58 p 107-9
- DRAFT riot, 1863**
Werstein, Irving. July, 1863. Messner '57 p249-52
- DRAFTING, Mechanical.** See Mechanical drawing
- DRAGON flies**
Fraser, Frederick Charles. Reclassification of the order odonata. (Handbk. no 12) Royal zoological soc. of New South Wales '57 p 121-4
Levine, Harvey R. Anatomy and taxonomy of the mature naiads of the dragonfly genus plathemis (family libellulidae) (Misc. colls. v 134, no 11) Smithsonian inst. '57 p26-8
Schiemenz, Hans. Die libellen unserer heimat. Urania-verlag '53 p 140-9
- DRAINAGE**
Bibliography on irrigation, drainage, river training and flood control, 1954-1956[-1957] Int. comm. on irrigation and drainage '58-'59 2v
Bouwer, H. Tile drainage of sloping fields. Ag Eng 36:403 Je '55
Davis, Elizabeth Gould. Drainage of agricultural land; a bibliog. of sel. reference. (U.S. Dept. of agriculture. Misc. pub. no713) U.S. Gov. pgs. office '56 200p annot
Luthin, James N. ed. Drainage of agricultural lands. (Agronomy; a ser. of monographs, v7) Am. soc. of agronomy '57 p579-611
Schumm, S. A. Evolution of drainage systems and slopes in badlands at Perth Amboy, New Jersey. Geol Soc Am Bul 67:646 My '56
Van Schilfgaarde, Jan, and others. Physical and mathematical theories of tile and ditch drainage and their usefulness in design. (Research bul. 436) Agricultural experiment station, Iowa state college '56 p705-6
See also
Irrigation
- DRAINAGE of mines.** See Mine drainage
- DRAMA**
Abstracts of theses in the field of speech and drama, 101-141 Speech Monog 22:142-56, 157-216; 23:84-126; 24:84-151; 25:84-149; 26: 87-147 Je-Ag '55, Je '56, Je '57, Je '58, Je '59
Bussfeld, Roger M. Playwright's art; stage, radio, television, motion pictures. Harper '58 p244-54
Coggin, Philip Annett. Uses of drama; a historical survey of drama and education from ancient Greece to the present day. Braziller '56 p303-6
Downer, Alan Seymour. Art of the play; an anthology of nine plays. Holt '55 p445-7
Lumley, Frederick Elmore. Trends in 20th century drama; a survey since Ibsen and Shaw. Essential bks. '56 p258-63

DRAMA—Continued

- Mayorga, Margaret (Gardner) ed. Best short plays of 1957-1958[-1958-1959] Dodd '58-'59 2v 1957-1958, p301-4; 1958-1959, p216-19
- Nelson, Robert James. Play within a play; the dramatist's conception of his art: Shakespeare to Anouilh. (Yale Romanic studies, 2d ser, no5) Yale univ. press '58 p 171-5
- Peacock, Ronald. Art of drama. Macmillan '57 p253-6
- Sobel, Bernard, ed. New theatre handbook and digest of plays [pref. and bibliog. by George Freedley] 8th ed rev Crown '59 p727-49 annot
- Stratman, C. J. Unpublished dissertations in the history and theory of tragedy, 1889-1957. Bul Bibliog 22:161-4, 190-2, 214-16, 237-40; 23:15-20 S '58 Ja '59-Ja '60
- Theatre, '56. Random '56 p474-82
- Watson, Ernest Bradlee, and Pressey, William, Benfield, eds. Contemporary drama; fifteen plays: American, English and Irish, European. Scribner '59 p573-7
- See also*
- Acting
- Amateur theatricals
- Ballet
- Dramatists
- Historical drama
- Masques
- Moving picture plays
- Opera
- Prologs and epilogs
- Puppets and puppet plays
- Religious drama
- Theater
- Tragedy
- DRAMA, Medieval**
- See also*
- Miracle, morality and mystery plays
- DRAMA and music.** *See* Music and drama
- DRAMA in education**
- Lutz, Edmund Johannes. Das schulspiel; die praxis des darstellenden spiels in den volks- und höheren schulen auf entwicklungspsychologischer und pädagogischer grundlage. Don Bosco verlag '57 p262-8
- Siks, Geraldine Brain. Creative dramatics; an art for children. Harper '58 p405-12
- Ward, Winifred Louise. Playmaking with children from kindergarten through junior high school. 2d ed Appleton '57 p287-99 annot
- DRAMAS**
- Books on the theatre, 1954-1955[-1958-1959] (In Best plays of 1954-1955[-1958-1959] (V38-42) Dodd '55-'59 5v) v38, p430-2; v39, p405-8; v40, p387-90; v41, p343-5; v42, p349-53
- Children's theatre press. Plays for children; a sel. list. The press '57 83p annot
- Essex, England. County library. Drama catalogue. Essex education com. '58 172p
- Manchester. Public libraries. Repertory plays; sets available for loan from the central lending library. 2d ed The libraries '58 108p
- Mayorga, Margaret (Gardner) ed. Best short plays of 1955-1956, 1957-1958[-1958-1959] Dodd '56-'59 3v 1955-1956, p285-94; 1957-1958, p299-301; 1958-1959, p215-16
- Melchinger, Siegfried. Drama zwischen Shaw und Brecht; ein leitfaden durch das zeitgenössische schauspiel; mit enzyklopädischer übersicht, schlagwortverzeichnis, autoren-register, dokumentenanhang und einer zeittafel. 2d ed Schünemann '57 p 147-296
- National council of teachers of English. Committee on playlist. Guide to play selection. 2d ed Appleton '58 178p
- Nottinghamshire county library, Nottingham, England. Plays for reading and production; a catalogue of the drama section. The library '55 109p
- Ottomiller, John Henry. Index to plays in collections; an auth. and title index to plays appearing in colls. pub. between 1900 and 1956. 3d ed rev & enl Scarecrow '57 496p
- Plays of 1951[-1957-58] a classified guide to play selection; ed. by Roy Stacey. (Amateur stage handbks) Stacey pubs. '52-'59 5v
- Sobel, Bernard, ed. New theatre handbook and digest of plays [pref. and bibliog. by George Freedley] 8th ed rev Crown '59 p727-49 annot
- Theatre, '56. Random '56 p474-82
- Thomson, Ruth Gibbons. Index to full length plays, 1895 to 1925. (Useful reference ser, no85) Faxon '56 172p
- Trewin, John Courtenay. Verse drama since 1800. (Reader's guides, 2d ser, 8) Nat. bk. league '56 27p annot
- Whetstone, Harvey A. Plays for schools and little theatres; a rev. descriptive list. (Lib. extension pub. v20, no4) Univ. of N.C. lib. '55 40p annot
- See also*
- Bible—Drama
- Children's plays
- One-act plays**
- Cardiganshire. Joint library. Dramâu Cymraeg: un act. The library '55 126p
- Mayorga, Margaret (Gardner) ed. Best short plays of 1955-1956, 1957-1958[-1958-1959] Dodd '56-'59 3v 1955-1956, p285-94; 1957-1958, p299-301; 1958-1959, p215-16
- Texas. University. Division of extension. Bureau of public school service. Prescribed list of plays for use in the one-act play contests, the University interscholastic league, 1955-1956[-1959-1960] (Pub. no5519, 5619, 5819, 5920) The university '55-'59 4v annot
- Plays for amateurs**
- See* Amateur theatricals
- DRAMATISTS**
- Busfield, Roger M. Playwright's art; stage, radio, television, motion pictures. Harper '58 p244-54
- See also*
- German drama—Swiss authors
- DRAMES à clef.** *See* Livres à clef
- DRAVIDIAN languages**
- Emeneau, Murray Barnson. Kolami, a Dravidian language. (Calif. Univ. Pubs. in linguistics, v 12) Univ. of Calif. press '55 p xiii-xiv
- DRAWING**
- Watrous, James. Craft of old master drawings. Univ. of Wis. press '57 p 154-6
- See also*
- Mechanical drawing
- Pen drawing
- Proportion (art)
- DRAWINGS**
- Rosenberg, Jakob. Great draughtsmen from Pisanello to Picasso. Harvard univ. press '59 p 141-2
- DRAWINGS, French**
- New York (city). Metropolitan museum. French drawings from American collections. Clouet to Matisse; a special loan exhibition. Feb. 3-March 15 1959. The museum '59 p 150-3
- DREAMS**
- Garma, Angel. Psicoanálisis de los sueños. 3d enl ed (Biblioteca de psicoanálisis) Editorial Nova '56 p471-525
- Serog, Max. New light on dreams, a new approach to the dream problem. House of Edinboro '53 p 155-9
- Siebethal, Wolf von. Die wissenschaft vom traum; ergebnisse und probleme; eine einföhrung in die allgemeinen grundlagen; mit einem vorwort von Victor Emil freiherr von Gabsattel. Springer '53 p473-505
- DREISER, Theodore, 1871-1945**
- Kazin, Alfred, and Shapiro, Charles, eds. Stature of Theodore Dreiser; a critical survey of the man and his work. Ind. univ. press '55 p271-303
- DRESDEN**
- Sächsische landesbibliothek
- Sächsische landesbibliothek Dresden, 1556-1956; festschrift zum 400-jährigen bestehen; hrsg. von Karl Assmann und mitarbeitern. Harrassowitz '56 p213-79
- DRESS.** *See* Clothing and dress
- DRESSER, John Alexander, 1866-1954**
- Douglas, G. V. Memorial to John Alexander Dresser. Geol Soc Am Proc 1957:110-11 '58
- DRESSING of ores.** *See* Ore dressing
- DRESSMAKING**
- Erwin, Mabel Deane. Clothing for moderns. rev ed Macmillan '57 incl bibliog
- Lewis, Dora (Sumarildason) and others. Clothing construction and wardrobe planning. Macmillan '55 p253-6 annot
- DREXEL, Mother Mary Katharine, 1858?-1955**
- Burton, Katherine (Kurz). Golden door; the life of Katharine Drexel. Kenedy '57 p313-14

DREYFUS, Alfred, 1859-1935

Chapman, Guy. Dreyfus case; a reassessment. Reynal & co. '56 p377-82

DRIED fruit. See Fruit, Dried**DRIEU LA ROCHELLE, Pierre, 1893-1945**

Grover, Frédéric J. Drieu La Rochelle and the fiction of testimony. Univ. of Calif. press '58 p257-68

DRIFT

Johnson, J. W. Littoral drift problem at shoreline harbors. Am Soc Civil Eng Proc [WW3 no 1653]:5-7 My '58

Okko, V. O. T. Glacial drift in Iceland, its origin and morphology. Acta Geog 15 no 1: 128-33 '56

DRILLING and boring (earth and rocks)

See also

Petroleum—Well boring

DRINKS. See Beverages**DROSOPHILA**

Cooper, D. M. and others. Studies on the ecology of drosophila in the Yosemite region of California. Ecology 37:526-50 Jl '56 incl bibliog

Fox, A. S. Chromatographic differences between males and females in drosophila melanogaster and role of X and Y chromosomes. Physiol Zool 29:298 O '56

Hannah-Alava, A. Developmental genetics of the posterior legs in drosophila melanogaster. Genetics 43:904-5 N '58

Herskowitz, Irwin H. Bibliography on the genetics of drosophila. (Commonwealth bur. of animal breeding and genetics. Bibliog. no6; Ind. Univ. Pub. Science ser, no21) Commonwealth agricultural bureaux '53-'58 2v

King, R. C. Studies with radiophosphorus in drosophila. J Exp Zool 126:333-5 Jl '54

Lewis, H. W. Studies on a melanoma-producing lethal in drosophila. J Exp Zool 126: 271-3 Jl '54

Schacht, L. E. Time of X-ray induction of crossovers and of translocations in drosophila melanogaster males. Genetics 43:677-8 S '58

Seto, F. Time of action of a series of recessive lethal factors in drosophila melanogaster. J Exp Zool 126:31-2 Je '54

Stumm-Zollinger, E. and Goldschmidt, E. Geographical differentiation of inversion systems in drosophila subobscura. Evolution 13:97-8 Mr '59

DRUG habit

Arizona. State department of education. Bibliography for instruction on the nature of alcohol and narcotics. The department '58 15p

Ausubel, David Paul. Drug addiction: physiological, psychological, and sociological aspects. (Studies in psychology, PP 17) Random house '58 p 123-6 annot

DeRopp, Robert S. Drugs and the mind [foreword by Nathan S. Kline] St Martin's '57 p295-308

Fraser, H. F. and others. Problems resulting from the use of habituating drugs in industry. Am J Pub Health 48:561-89 My '58 incl bibliog

Los Angeles county law library. Selected books and articles on narcotics. The library '59 5p

New York (city). Board of education. What secondary schools can do about teenage narcotics addiction. (Curriculum bul. 1956-57 ser, no3) The board '57 p26-7

Podolsky, Edward, ed. Management of addictions. Philosophical lib. '55 incl bibliog

Tompkins, D. C. Drug addiction. Calif Pub Survey 11:101-5 Je '59

United States. Armed forces medical library. Reference division. Narcotic addiction; a list of references. The library '55 6p

Wikler, Abraham. Opiates and opiate antagonists; a review of their mechanisms of action in relation to clinical problems. (Pub. no589; Public health monograph no 52) Public health service '58 p32-8

DRUG trade

Closs, John O'Neill. Pharmaceutical industry. (Vocational and professional monographs, no79) Bellman '56 p24-6

DRUGS

Alexander, Harry Louis. Reactions with drug therapy. Saunders '55 incl bibliog

American association for the advancement of science. Section on medical sciences. Psychopharmacology; a symposium organized by the Sec. and the Am. psychiatric assn. and presented at the Berkeley meeting, Dec. 30, 1954; ed. by Nathan S. Kline; foreword by Winfred Overholser. (Pub. no42) The association '56 incl bibliog

Beckman, Harry. Drugs: their nature, action and use. Saunders '58 incl bibliog

Cahn, M. M. Use of tranquilizing drugs in dermatology. Albert Einstein Med Cent J 4:165 S '56

Drug information sources. See numbers of American journal of pharmacy

Drugs of choice, 1958/59. Mosby '58 incl bibliog

Garratt, Donald Clarence. Quantitative analysis of drugs. 2d ed rev & enl Chapman '55 incl bibliog

Haycock, R. P. and Mader, W. J. Pharmaceutical and related drugs. Anal Chem 29: 708-13 Ap '57

Kramer, Morton. Facts needed to assess public health and social problems in the widespread use of the tranquilizing drugs. (U.S. Public health service. Pub. no486; Public health monograph no41) U.S. Gov. ptg. office '56 p24-5

Marsh, M. M. and Hilty, W. W. Pharmaceuticals and natural drugs. Anal Chem 27: 650-3 Ap '55

Rehm, C. R. and others. Pharmaceuticals and related drugs. Anal Chem 31:761-6 Ap '59

United States. Office of naval research. Annotated bibliography and critical review of drugs and performance [by] Physiological psychology branch, Psychological sciences division. (ONR rep. ACR-29) The office '58 84p

Waife, Sholom Omi, and Shapiro, Alvin Philip, eds. Clinical evaluation of new drugs. Harper '59 incl bibliog

Welt, I. D. and MacMillan, J. T. World literature on cardiovascular drugs. Med Lib Assn Bul 46:60-72 Ja '58

Wikler, Abraham. Relation of psychiatry to pharmacology. Williams & Wilkins '57 p271-310

See also
Aminobenzoic acid
Dispensatories
Narcotics
Nitrofurans
Pharmacognosy
Pharmacology
Pharmacy

History

Mathison, Richard R. Eternal search; the story of man and his drugs. Putnam '58 p369-72

Psychological effect

Caldwell, Anne E. Psychopharmacology; a bibliog. of psychopharmacology, 1952-1957. (Pub. no581; Public health bibliog. ser, no 19) U.S. Public health service; Nat. lib. of medicine '58 258p

Pronko, N. H. and Kenyon, G. Y. Meprobamate and laboratory-induced anxiety. Psychol Rep 5:237-8 Je '59

Rubin, L. S. Psychopharmacology of lysergic acid diethylamide (LSD-25) Psychol Bul 54:487-9 N '57

Standards

See also
Biological assay

DRUGS, Resistance to

Demerec, M. Genetic basis of acquired drug resistance. Pub Health Rep 70:820-1 S '55

DRUM language

Stern, T. Drum and whistle languages; an analysis of speech surrogates. Am Anthropol 59:503-6 Je '57

DRUNKENNESS. See Alcoholism**DRUŽBA sv. Mohorja v Celju**

Moder, Janko. Mohorska bibliografija. Mohorjeva družba '57 547p

DRY cleaning. See Cleaning**DRY farming**

Bennett, William Hunter, and others. Fifty years of dry land research at the Nephi field station. (Bul. 371) Agricultural experiment station, Utah state agricultural college '54 p63-4

- DRYDEN, John, 1631-1700**
Crinò, Anna Maria. Firenze. (Biblioteca dell'Archivum romanum. Ser 1:Storia, letteratura, paleografia, v50) Olschki '57 p353-83
Dobrec, Bonamy. John Dryden. (Bibliog. ser. of sups. to British bk. news, no70) Longmans '56 p41-8
- DRYING**
Gluckert, F. A. and Bagnoli, E. Drying. Ind & Eng Chem 47:530-1; 48:503-4; 49:479-80; 50:437 Mr '55, Mr '56, Mr '57, Mr '58
Hall, Carl W. Drying farm crops. Agricultural consulting associates '57 incl bibliog
Krischer, Otto, and Kröll, Karl. Trocknungstechnik; v 1, Die wissenschaftlichen Grundlagen der Trocknungstechnik, by O. Krischer. Springer '56 p390-5
McCormick, P. Y. Drying. Ind & Eng Chem 51:353 Mr '59
Neumann, Karlheinz. Grundriss der gefrier-trocknung. 2d enl ed Musterschmidt '55 p210-37
- DUAL theorem.** See Linear programming
- DU BARRY, Jeanne (Bécu) contesse, 1743-1793**
Loomis, Stanley. Du Barry; a biography. Lip-pincott '59 p305-7
- DUBLIN, Louis Israel, 1882-**
Publications and addresses, 1903 to 1952. The author '52 50p
- DUBOIS, Pierre, fl 1300**
Dubois, Pierre. Recovery of the Holy Land; tr, with an introd. and notes by Walter I. Brandt. (Records of civilization, sources and studies, no51) Columbia univ. press '56 p211-39 annot
- DUCKS**
Hochbaum, Hans Albert. Canvasback on a prairie marsh. 2d ed Stackpole co.; Wildlife management inst. '59 p 178-82, 183
Mendall, Howard Lewis. Ring-necked duck in the Northeast. (Maine. Univ. Studies, 2d ser, no73) Univ. of Me. press '58 p252-65
- DUCLOS, Charles Pinot, 1704-1772**
Meister, Paul. Charles Duclos, 1704-1772. Lib. Droz '56 p245-64
- DUCTLESS glands.** See Endocrine glands
- DUDLEY, Sir Sheldon Francis, 1884-1956**
Boyd, J. S. K. Sheldon Francis Dudley, 1884-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p97-9)
- DUFY, Raoul, 1877-1953**
Lassaigne, Jacques. Dufy; biographical and critical studies; tr. by James Emmons. (Taste of our time) Skira '54 p 109-10
- DUGDALE, Sir William, 1605-1686**
Maddison, Francis, and others. Sir William Dugdale, 1605-1686; a list of his printed works and of his portraits, with notes on his life and the ms. sources. Stephens '53 92p
- DUGGAR, Benjamin Minge, 1872-1956**
Walker, J. C. Benjamin Minge Duggar. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p123-31)
- DUMARCHEY, Pierre.** See Mac Orlan, P.
- DUMAS, Alexandre, 1802-1870**
Chronological classified list of Dumas' authentic works. Dumasian no2:5-8; no3:6-9 summer-autumn '56
Chronological list of Dumas' historical works. Dumasian no7:10-11 Ap '58
Nielsen, Askel Jørgen. Bibliography of Alexandre Dumas père in Denmark, Norway and Sweden: works tr. and ptd, 1830-1954. rev ed The author '54 40p
Oeuvres d'Alexandre Dumas. Biblio 25:9-11 JI '57
Plummer, R. W. Alexandre Dumas père; a bibliog. of English translations. Dumasian no4:7-12; no5:7+; no6:3-5; no7:3-6; no8:2-6; no9:4-6; no 10:4-6 Spring '57-Je '59 (to be cont)
- DUMAS family**
Maurois, André. Titans: a three-generation biography of the Dumas; tr. from the French by Gerard Hopkins. Harper '57 p483-95
- DUMORTIERITE**
Claringbull, G. F. and Hey, M. H. New data for dumortierite. Min Mag 31:906-7 S '58
- DUNBABIN, Thomas James, 1833?-.**
Greeks and their eastern neighbours; studies in the relations between Greece and the countries of the Near East in the eighth and seventh centuries B.C.; with a foreword by Sir John Beazley; ed. by John Boardman. (Sup. paper, no8) Soc. for the promotion of Hellenic studies '57 p88-91
- DUNES.** See Sand dunes
- DUNG, Fossil.** See Coprolites
- DUNG flora.** See Fungi, Coprophilous
- DUNKARDS.** See Church of the brethren
- DUNN, Emmett Reid, 1894-1956**
Dunn, A. M. Herpetological publications of Emmett Reid Dunn. (In Dunn, Emmett Reid. Contributions to the herpetology of Colombia, 1943-1946. Priv. ptd. M.T.D. '57 p275-83)
- DUNNE, Peter Masten, 1889-1957**
Bannon, J. F. Peter Masten Dunne. S.J. 1889-1957. Hispan Am Hist R 37:229-33 My '57
- DUNS, Joannes, Scotus, 1265-1308**
Schäfer, Oduif. Bibliographia de vita, operibus et doctrina Iohannis Duns Scoti, doctoris subtilis ac Mariani, saec. XIX-XX. Herder '55 223p
- DUODENUM**
Diseases
Andolf, Nils. Etude sur l'importance clinique des diverticules du duodenum. (Sup 157) Acta chirurgica Scandinavica '51 p 101-7
- DUPLICATING processes.** See Copying processes
- DUPONT, Pierre, 1908-1955**
Griswold, A. B. Pierre Dupont, 1908-1955; with sel. bibliography. Artibus Asiae 18 no 2:181-2 '55
- DURANTY, Louis Emile Edmond, 1833-1880**
Tabary, Louis Edouard. Duranty, 1833-1880; étude biographique et critique; avec une préf. et un essai bibliographique de Maurice Parturier. (Etudes françaises, fondées sur l'initiative de la Société des professeurs français en Amérique, no46) Belles-lettres '54 p 181-224
- DÜRER, Albrecht, 1471-1528**
Panofsky, Erwin. Life and art of Albrecht Dürer. 4th ed Princeton univ. press '55 p287-96
- DUSE, Eleonora, 1858-1924**
Winwar, Frances, pseud. Wingless victory; a biography of Gabriele d'Annunzio and Eleonora Duse. Harper '56 p357-63
- DUST**
Dautrebande, Lucien. Aspects nouveaux de la lutte contre les poussières. Lib. Assn. des industriels de Belgique '52 p 107-19
Fett, Walter. Der atmosphärische staub. (Monographien der experimentellen und theoretischen physik) Deutscher verlag der wissenschaften '58 p255-97
Franks, W. R. Differential susceptibility of animals to dust. AMA Archives Ind Health 12:295-6 S '55
Gibb, W. and others. Studies on dust suppression. AMA Archives Ind Health 14:227-8 S '56
Hansen, Knud. Undersøgelser vedrørende flyveaske og flyveaskeudskillere i forbindelse med risteafvaskede kedler. (Akademiet for de tekniske videnskaber, Copenhagen. Ingeniørvidenskabelige skrifter, 1953, no 1) G. E. C. Gad '53 p 159-62
Kesić, B. and Häusler, V. Hematological investigation on workers exposed to manganese dust. AMA Archives Ind Health 10:341-3 O '54
Meldau, Robert. Handbuch der staubtechnik; v 1. Grundlagen. 2d rev & enl ed VDI '56 p215-50
- Removal**
Paris. Institut français des combustibles et de l'énergie. Journée du dépolluissage des fumées et gaz industriels, 18 juin 1954. The institute '54 p213-14
- DUST explosion**
Geck, Walter Hermann. Zündfähige industriestaube; gefahrenquellen und betriebliche sicherheitsmassnahmen; ein erfahrungsbuch. Deutscher ingenieur-verlag '54 p220-3
- DUTCH literature**
Rangaku shiryō kenkyūkai. List of foreign books collected under the shogunate regime. Lijst van boeken in buitenlandse talen verzameld door het shogunaat. Inst. for the study of the Netherlands bks. '57 96p

DUTCH literature—Continued**History and criticism**

- Leeuwen, Willem Lion Marinus Ernest van, and others, eds. *Dichterschap en werkelijkheid; geïllustreerde literatuurgeschiedenis van Noord- en Zuid-Nederland en Zuid-Afrika*. 3d enl ed W. de Haan '51 p445-71
- Thys, Walter. *De Kroniek van P. L. Tak, brandpunt van Nederlandse cultuur in de jaren negentig van de vorige eeuw*. (Vlaamse acad. voor taal- en letterkunde. Uitgaven, reeks 6) Secretarie der acad. '55 p346-54

DUTCH NEW GUINEA. See Netherlands New Guinea

DUTCH WEST INDIES. See West Indies, Netherlands

DUTCHESS county, New York

- MacCracken, Henry Noble. *Blithe Dutchess; the flowering of an Am. county from 1812*. Hastings house '58 p453-74 annot
- MacCracken, Henry Noble. *Old Dutchess forever! the story of an Am. county*. Hastings house '56 p484-96 annot

DUTHOIT, Eugène, 1869-1944

- Lamoot, Jules. *Eugène Duthoit, président des Semaines sociales de France, doyen de la Faculté libre de droit de Lille*. Spes '55 p245-8

DUTTON, Clarence Edward, 1841-1912

- Longwell C. R. *Clarence Edward Dutton. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p 142-5)*

DVOŘÁK, Antonín, 1841-1904

- Sourek, Otakar. *Antonín Dvořák, sein leben und sein werk; deutsche fassung von Pavel Eisner*. Artia '53 p 199-200

DWARFISM

- Hafez, E. S. E. and others. *Albino-dwarfism in Hereford cattle*. J Heredity 49:115-16 My '58
- Pun, C. F. *Crooked neck dwarf lethal syndrome in the domestic fowl*. J Exp Zool 126:127-30 Je '54

DWARFS

See also

Pygmyes

DWELLINGS. See Architecture, Domestic

DWELLINGS, Primitive

See also

Indians of North America—Dwellings

DYES and dyeing

Abstracts. See numbers of American dyestuff reporter

Abstracts from British and foreign journals and patents. See numbers of Society of dyers and colourists. Journal

Improvement of crock fastness in naphthol-dyed fabrics. Am Dyestuff Rep 45:308 My 7 '56

Sir William Henry Perkin; the discoverer of the first coal-tar dye. Ciba R no 115:49 Je '56

Taylor, Frank Royle. *Dyes, dyeing and textile printing. (Special subject lists, no6) Lib. assn.* '56 12p

See also

Fur—Dressing and dyeing

History

Edelstein, S. M. *Thirteen keys; hints on studying the history of dyeing and bleaching*. Am Dyestuff Rep 48:37-40 My 4 '59

DYNAMICS

Dynamics and nonlinear mechanics. by E. Leimanis [and] N. Minorsky. (Surveys in applied mathematics. 2) Wiley '58 incl bibliog

Lees, S. *Interpreting dynamic measurements of physical systems*. Am Soc Mech Eng Trans 80:855-6 My '58

See also

Aerodynamics
Electrodynamics
Fluid dynamics
Force and energy
Thermodynamics
Turbulence

DYNAMICS, Molecular. See Molecular dynamics

DYNAMOMETER

Hunsicker, P. A. and Donnelly, R. J. *Instruments to measure strength*. Am Assn Health Phys Educ & Rec J 26:419-20 D '55

DYNAMOS. See Electric generators

DYSMENORRHEA. See Menstruation

DYSTROPHY, Muscular

Muscular dystrophy abstracts. Muscular dystrophy assn. of Am. See numbers

E

EEC. See European economic community

ESP. See Perception, Extra-sensory

EAGLES

Gordon, Seton Paul. *Golden eagle, king of birds*. Citadel '55 p234-40

EAR

Berg, Karl. *Toxic effect of streptomycin on the vestibular and cochlear apparatus; an experimental study on cats. (Sup97) Acta oto-laryngologica* '51 p45-9

Kobrak, Heinrich Guenther. *Middle ear; contributors: J. E. Fournier [and others] foreword by John R. Lindsay*. Univ. of Chicago press '59 p233-42

See also

Cochlea

Hearing

Labyrinth (ear)

Diseases

Ash, James Earle, and Raum, Muriel. *Atlas of otolaryngic pathology*. Am. registry of pathology '56 incl bibliog

Perry, Eldon T. *Human ear canal. (Am. lecture ser. pub. no322) Thomas* '57 incl bibliog

Roberts, Sam Earl. *Ear, nose and throat dysfunctions due to deficiencies and imbalances; with a foreword by Morris Fishbein*. Thomas '57 incl bibliog

Senturia, Ben Harlan. *Diseases of the external ear; with the assistance of Carl F. Gessert [and others] (Am. lecture ser. pub. no319) Thomas* '57 incl bibliog

Shepard, Mary Estelle. *Nursing care of patients with eye, ear, nose, and throat disorders*. Macmillan '58 p233-7

See also

Deafness

Surgery

Wullstein, H. *Die modernen hörverbessern-den operationen*. Halle Univ Wiss Z Math Naturw Reihe 5:999-1000 JI '56

EARLAND, Arthur, 1866-1958

Arthur Earland. Roy Micros Soc J 77:148-50 Ap '59

EARLY Christian literature. See Christian literature, Early

EARTH

Carrington, Richard. *Story of our earth*. Harper '56 p228-33

Hapgood, Charles H. and Campbell, James H. *Earth's shifting crust; a key to some basic problems of earth science; foreword by Albert Einstein*. Pantheon bks. '58 p396-420

Jeffreys, Sir Harold. *Earth: its origin, history and physical constitution*. 4th ed Cambridge '59 p402-16

Pangborn, Mark W. *Earth for the layman; a list of nearly 1400 good bks. and pamphlets of popular interest on geology, mining, oil, maps, and related subjects*. 2d ed (AGI rep. 2) Am. geological inst. '57 68p

Starr, John W. *Earth—treasure chest of wealth. (Curriculum bul. no 193) School of education, Univ. of Ore.* '59 p 11-13

See also

Atmosphere
Cosmogony
Cosmology
Creation
Geodesy
Geography
Geology
Geophysics
Ocean
Physical geography

See also

Geological time

Age

EARTH—Continued

Chemical composition

See Geochemistry

Internal structure

Egyed, L. Investigations on seismology and the physics of the interior of the earth, in Hungary, 1954-1956. *Acta Tech* 18 no 1-2: 130-1 '57

Ringwood, A. E. Constitution of the mantle-consequences of the olivine-spinel transition. *Geochimica & Cosmochimica Acta* 15: 211-12 '58

Strong, H. M. Experimental fusion curve of iron to 96,000 atmospheres. *J Geophys Res* 64:659 Je '59

Magnetism

See Magnetism, Terrestrial

Surface

Brock, B. B. World patterns and lineaments. *Geol Soc S Africa Trans* 60:171-2 '57

Kaula, W. M. Reconciliation of Stokes' function and astro-geodetic geoid determinations. *J Geophys Res* 64:70-1 Ja '59

Lawson, A. W. and Jamieson, J. C. Energy transfer in the earth's mantle. *J Geol* 66: 550-1 S '58

Poldervaart, Arie, ed. Crust of the earth, a symposium. (Special paper 62) Geological soc. of Am. '55 incl bibliog

EARTH movements

See also

Subsidence (earth movements)

EARTH pressure

Huntington, Whitney Clark. Earth pressures and retaining walls. Wiley '57 p511-14

EARTH satellites. See Satellites, Artificial

EARTH temperature

Chang, Ching-hu. Ground temperature. Blue Hill meteorological observatory, Harvard univ. '53 2v incl bibliog

EARTHQUAKES

Adams, W. M. Study of earthquake mechanism using S wave data. *Seismol Soc Am Bul* 48:218-19 Ji '58

American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

Bibliography. See numbers of American geophysical union. Transactions thru 1958

Blume, J. A. Structural dynamics in earthquake-resistant design. *Am Soc Civil Eng Proc* 84 [ST 4 no 1695]:43-5 Ji '58

Duke, C. M. Effects of ground on destructiveness of large earthquakes. *Am Soc Civil Eng Proc* 84 [SM 3 no 1730]:12-16 Ag '58

Duke, C. M. and Leeds, D. J. Soil conditions and damage in the Mexico earthquake of July 28, 1957. *Seismol Soc Am Bul* 49:190-1 Ap '59

Egyed, L. Investigations on seismology and the physics of the interior of the earth, in Hungary, 1954-1956. *Acta Tech* 18 no 1-2: 130-1 '57

Ewing, William Maurice, and others. Elastic waves in layered media. (Columbia univ. Lamont geological observatory. Contribution no 189; McGraw-Hill ser. in the geological sciences) McGraw '57 incl bibliog

Geophysical abstracts. U.S. Geological survey. See numbers

Gutenberg, Beno, and Richter, Charles Francis. Seismicity of the earth and associated phenomena. 2d ed Princeton univ. press '54 p 112-30

Gutenberg, B. Attenuation of seismic waves in the earth's mantle. *Seismol Soc Am Bul* 48:281-2 Ji '58

Gutenberg, B. and Richter, C. F. Earthquake magnitude, intensity, energy, and acceleration. *Seismol Soc Am Bul* 46:144-5 Ap '56

Hodgson, J. H. Nature of faulting in large earthquakes. *Geol Soc Am Bul* 68:642-3 My '57

Hope, E. R. Geotectonics of the Arctic ocean and the great arctic magnetic anomaly. *J Geophys Res* 64:426-7 Ap '59

Kizawa, T. Study of earthquakes in relation to volcanic activity. *Meteorol & Geophysics* 8:168-9 Ji '57

Montandon, Frédéric. Les tremblements de terre destructeurs en Europe; catalogue par territoires sismiques de l'an 1000 à 1940. The author '53 p9-16

Oak Ridge institute of nuclear studies. Medical division. Rare earths in biochemical and medical research: a conference, October 1955; ed. by Granvil C. Kyker [and] Elizabeth B. Anderson. Technical information service extension '56 incl bibliog

Oliver, J. E. and others. Crustal structure and surface-wave dispersion. *Geol Soc Am Bul* 66:946 Ji '55

Richter, Charles Francis. Elementary seismology. Freeman '58 incl bibliog

Richter, C. F. Seismic regionalization. *Seismol Soc Am Bul* 49:160-2 Ap '59

Romney, C. Seismic waves from the Dixie valley-Fairview peak earthquakes. *Seismol Soc Am Bul* 47:318-19 O '57

Woollard, G. P. Areas of tectonic activity in the U.S. as indicated by earthquake epicenters. *Am Geophys Union Trans* 39: 1149-50 D '58

See also

Microseisms

Seismometry

Volcanoes

EARTHQUAKES and building

Duke, Charles Martin. Bibliography of effects of soil conditions on earthquake damage. Earthquake engineering research inst. '58 47p

Earthquake engineering research institute. Bibliography of engineering seismology, 1954; comp. by Edwards P. Hollis. The institute '54 146p

—Same, 2d ed The institute '58 144p

Tsui, E. Y. W. Aseismic design of structures by rigidity criterion. *Am Soc Civil Eng Proc* 85 [ST 2 no 1942]:105-6 F '59

EARTHS. Medical and surgical uses of

Jung, Hermann. Heilende anwendung und wirkung; mit einem therapeutischen teil von Ernst Meyer. Hippokrates-verlag '57 p86-8

EARTHS. Rare

Harvard university. Graduate school of business administration. Business approach to the rare earths [student repl by R. C. Lancey [and others] The school '57 p 113-19

Murata, K. J. and others. Composition of monazites from pegmatites in eastern Minas Gerais, Brazil. *Geochimica & Cosmochimica Acta* 16:13-14 My '59

Murata, K. J. and others. Systematic variation of rare-earth elements in cerium-earth minerals. *Geochimica & Cosmochimica Acta* 11:160-1 Mr '57

Vickery, R. C. Chemistry of the lanthanons. Butterworths scientific pubs. '53 incl bibliog

Williamson, D. R. and Burgin, L. Rare earths (lanthanons) *Colo Sch Mines Mineral Ind Bul* 2:11+ Ja '59

EARTHWORMS

Barley, K. P. and Jennings, A. C. Earthworms and soil fertility. *Australian J Ag Res* 10:369-70, 376 My '59

EARTHWORK

See also

Earth pressure

EAST

Recensiones. See numbers of *Orientalia christiana periodica*

See also

Far East

Middle East

EAST and West

See also

Eastern question

EAST PRUSSIA

Wermke, E. Deutsche arbeiten über Ost- und Westpreussen seit 1945. Königsberg

Univ Jahrb 5:334-53 '54 annot

EAST TURKISTAN. See Sinkiang, China

EASTER

See also

Holy week

EASTER island

Métraux, Alfred. Easter island; a stone-age civilization of the Pacific; tr. from the French by Michael Bullock. Oxford '57 p239-42

EASTERN churches

Recensiones. See numbers of *Orientalia christiana periodica*

See also

Orthodox Eastern church

EASTERN empire. See Byzantine empire, 323-1453

EASTERN Europe. See Europe, Eastern

EASTERN GERMANY. See Germany, Eastern

EASTERN question

Hurewitz, Jacob Coleman, ed. Diplomacy in the Near and Middle East; a documentary record. Van Nostrand '56 2v incl bibliog

EASTERN question (Balkan)

See also
Macedonian question

EASTERN question (Far East)

MacNair, Harley Farnsworth, and Lach, Donald Frederick. Modern Far Eastern international relations. 2d ed (Van Nostrand political science ser) Van Nostrand '55 p711-44 annot.

Malozemoff, Andrew. Russian Far Eastern policy, 1881-1904, with special emphasis on the causes of the Russo-Japanese war. (Russian and East European studies) Univ. of Calif. press '58 p317-47

EATING, Psychology of

Hamburger, W. W. Psychology of dietary change. *Am J Pub Health* 48:1348 O '58

EATON, Joseph Edmund, 1895-1953

Corey, W. H. Joseph Edmund Eaton. *Am Assn Pet Geol Bul* 42:3023-4 D '58

EBERSOLT, Jean, 1879-1933

Ebersolt, Jean. *Orient et Occident; recherches sur les influences byzantines et orientales en France avant et pendant les croisades*. 2d ed De Boccard '54 p5-6

EBONITE

Peters, H. Hard rubber. *Ind & Eng Chem* 47:2022; 49:1606; 51:1177 S '55, S '57, S '59

EÇA DE QUEIROZ, José Maria de, 1845-1900

Da Cal, Ernesto Guerra. *Lengua y estilo de Eça de Queiroz; v 1, Elementos básicos*. (Acta) Coimbra. Univ. '54 p367-81

ECCLESIASTICAL law

See also
Canon law

History

Dordett, Alexander. Der geistliche charakter der kirchlichen gerichtbarkeit; eine rechts-historische studie über die bestrebungen der antikurialisten zur beschränkung der iurisdiclio coactiva. The author '54 p209-15

ECCLESIASTICAL rites and ceremonies. See Rites and ceremonies**ECHAUREN, Roberto Matta. See Matta Echaurren, R.****ECHINOCOCCOSIS**

Magath, T. B. Importance of sylvatic hydatid disease. *Am Vet Med Assn J* 125:413-4 N '54

ECHINODERMATA

See also

Embryology—Echinodermata
Holothurians
Sea urchins

ECHINODERMATA, Fossil

Kier, Porter M. Echinoderms of the middle Devonian silica formation of Ohio. (Mich. Univ. Museum of paleontology. Contributions, v 10, no4) Univ. of Mich. press '52 p75-6

See also

Starfishes. Fossil

ECHINOIDEA. See Sea urchins**ECHOES, Radio. See Radio echoes****ECKHART, Meister, d 1327**

Eckhart, Meister. Treatises and sermons; sel. and tr. from Latin and German with an introd. and notes by James M. Clark and John V. Skinner. (Classics of the contemplative life) Harper '58 p258-63

Hof, Hans. *Scintilla animae; eine studie zu einem grundbegriff in Meister Eckharts philosophie, mit besonderer berücksichtigung des verhältnisses der eckhartschen philosophie zur neuplatonischen und thomistischen anschauung*. Geierup '52 p252-9

ECLOGITE

Borg, I. Y. Glaucophane schists and eclogites near Healdsburg, California. *Geol Soc Am Bul* 67:1582-3 D '56

ECOLOGY

Benton, Allen H. and Werner, William Ernest. Principles of field biology & ecology. McGraw '58 incl bibliog

Bray, J. R. Notes toward an ecologic theory. *Ecology* 39:775-6 O '58

Buchsbaum, Ralph, and Buchsbaum, Mildred. Basic ecology. Boxwood '57 p 184-5

Dansereau, Pierre. Biogeography, an ecological perspective. Ronald '57 p337-54

Dasmann, Raymond Frederick. Environmental conservation. Wiley '59 incl bibliog

Dice, Lee Raymond. Man's nature and nature's man; the ecology of human communities. Univ. of Mich. press '55 p300-23

Elton, Charles Sutherland. Ecology of invasions by animals and plants. Wiley '58 p 160-74

Friederichs, K. Definition of ecology and some thoughts about basic concepts. *Ecology* 39:158-9 Ja '58

Klika, Jaromir, and others, eds. *Praktikum fytoecologie, ekologie, klimatologie a půdoznalství*. (Studie a prameny: Sekce biologická) Nakl. Československé akad. věd. '54 incl bibliog

Numata, M. Japanese publications in the field of ecology. *Ecology* 39:566-7 Jl '58

Odum, Eugene Pleasants, and Odum, Howard T. Fundamentals of ecology. 2d ed Saunders '59 p497-523

Pierre, Franklin. Les conditions écologiques et le peuplement des vases d'eau douce. (Encyclopédie biogéographique et écologique, 6) Lechevalier '51 p97-102

Schulz, J. P. Vergelijkend literatuuronderzoek inzake de ecologische consequenties van het Combinatie-plan Suriname rivier. Natuurwetenschappelijke studiekering voor Suriname en de Nederlandse Antillen '54 p 116-24

Taylor, W. P. Some aspects of human ecology. *Northwest Sci* 28:16-17 F '54

Varley, G. C. Ecology as an experimental science. *J Ecol* 45:648 N '57

Watts, May Theilgaard. Reading the landscape; an adventure in ecology. Macmillan '57 incl bibliog

Woodbury, Angus M. Comfort for survival, in nature and man. Vantage '56 p 100-4

Woodbury, Angus M. Principles of general ecology. Blakiston '54 p453-77

See also

Bioclimatology
Forest ecology
Fresh water ecology
Indicators (biology)
Marine ecology
Microclimatology
Paleoecology

also subhead Ecology under the following subjects

Amphibia
Bacteria
Birds
Botany
Fishes
Insects
Mammals
Reptiles
Zoology

Methodology

Poore, M. E. D. Use of phytosociological methods in ecological investigations. *J Ecol* 43:244, 268-9 Ja '55

ECONOMETRICS. See Economics, Mathematical**ECONOMIC assistance, American**

McClellan, Grant Samuel, ed. U.S. foreign aid. (Reference shelf, v29, no5) Wilson '57 p206-16

Organization for European economic cooperation. Library. Aide américaine à l'Europe, 1947-1956; bibliog. sélectionnée, docs. officiels américains relatifs à l'aide économique, financière et militaire, catalogués à la Bibliothèque. American aid to Europe, 1947-1956; sel. bibliog. official United States docs. on economic, financial and military aid, catalogued at the Library. The library '56 66p

Organization for European economic cooperation. Library. Programme de relèvement européen; bibliographie sélectionnée des documents officiels américains catalogués à la Bibliothèque; 2d éd. rev. et mise à jour, mars 1951. The library '51 35p

ECONOMIC assistance, Russian

Berliner, Joseph S. Soviet economic aid; the new aid and trade policy in underdeveloped countries. (Council on foreign relations. Pub) Praeger '58 p224-3

ECONOMIC conditions

Burns, Arthur Robert. Comparative economic organization. Prentice-Hall '55 p735-47

Business facts and figures on countries of the world. *For Comm W* 57:22-34 Mr 18 '57

Chenery, H. B. Development policies and programmes. *Econ Bul Latin Am* 3:76-7 Mr '58

Chicago. Joint reference library. Recent publications on governmental problems. The library. See numbers

ECONOMIC conditions—Continued

- Clough, Shepard Bancroft. Economic development of Western civilization. McGraw '59 p495-516
- International association for research in income and wealth. Bibliography on income and wealth, 1937-47(1-1953-54) (V 1-6) Bowes & Bowes '52-'58 6v annot
- Krause, Walter. International economy. Houghton '55 incl bibliog
- Lampard, Eric E. Industrial revolution: interpretations and perspectives. Service center for teachers of history '57 39p
- Oklahoma. University. Library. Harry W. Bass collection in business history: a check list of the bks. and other materials; comp. by Arthur M. McNally. 2d ed The library '57 135p
- Recent publications in economic history. See numbers of Journal of economic history
- United States. Department of state. Office of intelligence research. Economic problems of underdeveloped areas: external research, a listing of recent studies. The office '56 59p

See also

- Business
- Business conditions
- Business cycles
- Cost and standard of living
- Economic policy
- Equilibrium, Economic
- Geography, Economic
- Labor supply
- World war, 1939-1945—Economic aspects
- ECONOMIC cycles.** See Business cycles
- ECONOMIC development**
- Brand, Willem. Struggle for a higher standard of living; the problem of the underdeveloped countries. Free press '58 p417-30
- Hald, Marjorie. Selected bibliography on economic development and foreign aid. (Research memorandum, RM-2096) Rand corp. '57 93p
- Kurihara, Kenneth K. Keynesian theory of economic development. Columbia univ. press '59 p209-12
- Letiche, John Marion. Balance of payments and economic growth. Harper '59 p321-64
- Traser, F. N. Selected and annotated bibliography on economic development, 1953-1957. Econ. Develop & Cultur Change 6: 257-329 J1 '58
- ECONOMIC geography.** See Geography, Economic

- ECONOMIC geology.** See Geology, Economic
- ECONOMIC history.** See Economic conditions

ECONOMIC planning

- Spangler, Miller B. New technology and the supply of petroleum: the treatment of uncertainty in resources planning. (Program of education and research in planning. Research paper, no2) Univ. of Chicago '56 p294-9
- ECONOMIC planning, International**
- Snider, Delbert A. Introduction to international economics. (Irwin ser. in economics) Irwin '54 incl bibliog

ECONOMIC policy

- Arrow, K. J. Statistics and economic policy. *Econometrica* 25:530-1 O '57
- Bremer ausschuss für wirtschaftsforschung. Bibliographie der entwicklungspläne. The commission '56 39p
- European coal and steel community. High authority. Bibliothèque. Etudes régionales, 1951-1956. Regionalbegrenzte studien, 1951-1956. (Bibliogs. de la Haute autorité, 6) The authority '56 7p
- European coal and steel community. High authority. Bibliothèque. Problèmes de la recession, 1953-1958. (Bibliog. de la Haute autorité, 16) The library '58 41p
- Hajdó, Elemérné, and others, eds. Tervgazdasági statisztikai és számviteli bibliográfiá: a bibliog. összeállításában a Fővárosi Szabó (et al) Közgazdasági- és jogi könyvkiadó '55 714p
- Hazlitt, Henry. Free man's library: a descriptive and critical bibliography. Van Nostrand '56 176p
- Koontz, Harold Dayton, and Gable, Richard W. Public control of economic enterprise. McGraw '56 incl bibliog
- Oxenfeldt, Alfred Richard, and Hoffmann, Charles. Economic principles and public issues. (Rinehart bks. on economic principles and policies) Rinehart '59 incl bibliog annot

- Thomassen, Henry. Business planning for economic stability. Pub. affairs press '58 p56-60
- Viner, Jacob. Long view and the short; studies in economic theory and policy. Free press '58 p437-50
- Wightman, David. Economic co-operation in Europe; a study of the United Nations economic comm. for Europe. Praeger '56 p269-74

See also

- Commercial policy
- Economic assistance, Russian
- Economic planning
- Free trade and protection
- Government ownership
- Industrialization
- Industry and state
- International economic relations
- Land utilization
- Social policy
- Tariff
- Technical assistance
- ECONOMIC relations, Foreign.** See International economic relations
- ECONOMIC research**
- Associated university bureaus of business and economic research. Index of publications of bureaus of business and economic research, 1950-1956. Bur. of business research, Univ. of Ore. '57 np
- Supplement, 1957(1-1958) Bur. of business research, Univ. of Ore. '58-'59 2v
- Bowen, Howard Rothman. Business enterprise as a subject for research. (Pamphlet 11) Social science research council '55 p79-103
- Clover, Vernon Thomas. Business research; basic principles and techniques. Rodgers litho '58 incl bibliog
- ECONOMIC security.** See Social and economic security
- ECONOMIC stability.** See Equilibrium, Economic
- ECONOMIC statistics**
- Arrow, K. J. Statistics and economic policy. *Econometrica* 25:530-1 O '57
- ECONOMIC zoology.** See Zoology, Economic
- ECONOMICS**
- Barre, Raymond. *Economie politique; sous la direction de André Marchal*, 2d ed (Thémis: manuels juridiques, économiques et politiques) Presses univ. de France '57 incl bibliog
- Baumol, William J. Economic dynamics; an introd; with a contribution by Ralph Turvey. 2d ed Macmillan '59 p379-84
- Blodgett, Ralph Hamilton. Our expanding economy; an introduction. Rinehart '55 incl bibliog
- Bollettino emerografico di economia internazionale. Istituto di economia internazionale. See numbers
- Bordeaux. Chambre de commerce. Bibliothèque. Catalogue de la bibliothèque. The library '55 644p
- Tables alphabétiques par noms d'auteurs et par matières. The library '55 244, 46p
- Clark, Colin. Conditions of economic progress. 3d ed, largely rewritten. Macmillan '57 p685-91
- Dempsey, Bernard William. Functional economy; the bases of economic organization. Prentice-Hall '58 p489-99
- Doane, Robert Rutherford. World balance sheet; a comprehensive, inventoried examination covering the extent, distribution, and relative depletion of the world's physical resources in relation to their present rate of consumption, their monetary counterpart valuation, and the population, showing comparative changes over a seventy-year period, in double-entry form, revealing where-from and where-to. Harper '57 p242-6
- Dodd, James Harvey. Applied economics; introd. principles applied to everyday problems. 5th ed South-Western pub. '56 p519-32
- Dodd, James Harvey, and Hasek, Carl William. Economics, principles and applications; consulting ed. T. J. Hailstones. 3d ed South-Western pub. '57 incl bibliog
- Economic abstracts. Nijhoff. See numbers
- Economie et population: les doctrines françaises avant 1800 (v2) Bibliographie générale commentée. (Inst. nat. d'études démographiques. Travaux et docs, no28) Presses univ. de France '56 683p

ECONOMICS—Continued

- Enke, Stephen, and Salera, Virgil. International economics. 3d ed Prentice-Hall '57 incl bibliog
- European coal and steel community. High authority. Bibliothèque. Catalogue systématique des ouvrages, 1952-1954. Systematischer katalog der bücher. The library '55 182p
- Supplement. The library. See numbers
- Fairchild, Fred Rogers, and Shelly, Thomas. Understanding our free economy; an introd. to economics. 2d ed Van Nostrand '56 incl bibliog
- French bibliographical digest; no 17 (ser2) Economics. French cultural services of New York '56 103p annot
- Georgi, Charlotte. Business & economics library for \$25.00. Interlib. center, Univ. of N.C. lib. '58 5p annot
- Georgi, C. Business and economics in paperback books. Lib J 83:1131-6 Ap 15 '58
- Georgi, C. Business and economics in paperback books, 1959. Lib J 84:2564-70 S 15 '59
- Georgi, C. Business—economics library for just \$25. Lib J 83:3059-61 N 1 '58 annot
- Goodman, Kennard Everett, and Moore, William Levi. Today's economics. Ginn '57 p602-9
- Granger, Gilles Gaston. Méthodologie économique. (Bibliothèque de philosophie contemporaine. Logique et philosophie des sciences) Presses univ. de France '55 p403-12
- Hall, Laura Margaret (Linfoot) lady, and others. Bibliography in economics for the Oxford honour school of philosophy, politics and economics. Oxford '57 80p
- Harvard university. Graduate school of business administration. Baker library. Kress library of business and economics. Catalogue, 1777-1817, giving data also upon cognate items in other Harvard libraries. Bailey & Swinfen '57 397p
- International bibliography of economics, works published in 1953[-1957] (V2-6) (Doc. in the social sciences) UNESCO '55-'59 5v
- Ischboldin, Boris. Economic synthesis. New bk. soc. of India '58 p8-15
- Japan science review. Economic sciences; bibliog. of economic sciences, 1945-1953 (No3) Japan union of assns. of economic sciences '56 228p
- Johns Hopkins university. Department of political economy Economics library selections. The department. See numbers annot
- Jühr, Walter Adolf. Die konjunkturschwankungen. (His Theoretische Grundlagen der wirtschaftspolitik, v2; St. Galler wirtschaftswissenschaftliche forschungen, v 1, II) Mohr '52 incl bibliog
- Joint council on economic education. Annotated bibliography of materials in economic education, 1957[-1959-60] The council '57-'59 3v
- Joint council on economic education. Bibliography of free and inexpensive materials for economic education. The council '55 36p
- Same. rev ed The council '56 48p
- Landgren, Karl Gustav. Economics in modern Sweden; tr. by Paul Gekker. Reference dept. U.S. Lib. of Congress '57 incl bibliog
- Lesourne, Jacques. Technique économique et gestion industrielle; préf. de M. Allais. (Finance et économie appliquée, v5) Dunod '58 incl bibliog
- Library association. County libraries section. Economics. (Reader's guide, new ser, no34) The section '57 23p
- Loucks, William Negele. Comparative economic systems. 5th ed Harper '57 incl bibliog
- McKenna, Joseph P. Intermediate economic theory. (Dryden press ser. in economics) Holt '58 incl bibliog annot
- Meier, Gerald Marvin, and Baldwin, Robert Edward. Economic development; theory, history, policy. Wiley '57 p545-59
- Morf, Otto. Das Verhältnis von wirtschaftstheorie und wirtschaftsgeschichte bei Karl Marx. (Staatswissenschaftliche studien, new ser, v 11) Francke '51 p 125-33
- Myrdal, Gunnar. International economy, problems and prospects. Harper '56 p367-73
- National industrial conference board. Index of Conference board publications, 1950-1954. The board '55? 24p
- Nevin, Edward. Textbook of economic analysis. St Martins '58 incl bibliog
- North Carolina. University. Business administration and economics library. Paperbound books in business and economics; a bibliography. (No 1-3) The library '56-'58 3v
- Parsons, Talcott, and Smelser, Neil Joseph. Economy and society; a study in the integration of economic and social theory. Free press '56 p311-18 annot
- Periodicals. See numbers of American economic review
- Prague. Universita Karlova. Knihovna. Politická ekonomie a její problémy po XX. sjezdu KSČS a Celostátní konferenci KSČ; sest. Vilém Nový. (Čteme a studujeme, 1956, no 12) The university '56 11p
- Public affairs information service. Bulletin. The service. See numbers
- Rand corporation. Selected list of unclassified research memoranda of the Economics division of the Corporation. (Research memorandum, RM-821-5) rev ed The corporation '57 16p
- Recent periodicals and new books. See numbers of Economic journal
- Robbins, Lionel Charles, Robert Torrens and the evolution of classical economics. Macmillan '58 p259-347 annot
- Robinson, Marshall A. and others. Introduction to economic reasoning. Brookings inst. '56 incl bibliog
- Schelling, Thomas Crombie. International economics. Allyn '58 p533-41 annot
- Schoeffler, Sidney. Failures of economics; a diagnostic study. Harvard univ. press '55 p229-45
- Sennholz, Mary Homan. About some important libertarian books and their authors (brief reviews and biographical information) Foundation for economic education '54 np
- Stockholm. Handelshögskolan. Femhundra böcker aktuell ekonomi, överlämnade till Handelshögskolan i Stockholm vid Stockholms enskilda banks 100-årsjubileum, av Ab. Åkerlund & Rausing, Lund. Berlingska boktr. '56 31p
- Stockholm. Handelshögskolan. Bibliotek. Ekonomisk dokumentation; månadsförteckning över nyinkommen litteratur till Handelshögskolans bibliotek i Stockholm jämte systematiskt register til den gångna månadens artiklar i den nordisk-ekonomiska tidsskriftslitteraturen. The library. See numbers
- Stockholm. Handelshögskolan. Företagsekonomiska forskningsinstitutet. Forskningsinventering; förteckning över sedan 1950 avslutad samt nu pågående och planerad national- och företagsekonomisk forskning i Norden. The institute '54 61p
- Titles of new books. See numbers of American economic review
- Ulmer, Melville Jack. Economics; theory and practice. Houghton '59 incl bibliog
- United States. International cooperation administration. Office of industrial resources. Literature recommendations; a bibliog. of business and economics paperbound books. The office '58 28p
- Viner, Jacob. Long view and the short; studies in economic theory and policy. Free press '58 p437-50
- Weber, Fritz S. Kompendium der nationalökonomie. 4th ed rev & enl Müller-Albrechts '56 p348-50
- Weisskopf, Walter Albert. Psychology of economics. Univ. of Chicago press '55 p255-9
- Whittaker, Edmund. Economic analysis. Wiley '56 incl bibliog annot
- Zeuthen, Frederik. Economic theory and method. Harvard univ. press '55 p347-53

See also

- Agriculture—Economic aspects
- Banks and banking
- Business
- Capital
- Capitalism
- Christianity and economics
- Commerce
- Communication and traffic
- Communism
- Comparative economics
- Consumption (economics)
- Cooperation
- Cost
- Cost and standard of living
- Credit
- Debts, Public
- Demography
- Dialectical materialism

ECONOMICS—See also—*Continued*

Economic conditions
 Economic development
Economic policy
 Entrepreneur
 Finance
 Food supply
 Free trade and protection
 Government ownership
 Income
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 Integration (economics)
 Interest and usury
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 Labor and laboring classes
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Money
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 Prices
 Production
Profit
 Risk
Socialism
 Statistics
 Supply and demand
Tariff
 Taxation
 Transportation
 Trusts, Industrial
 Unemployment
 Value
 Wages
Wealth

History

- Blaug, Mark. Ricardian economics; a historical study. (Yale studies in economics, 8) Yale univ. press '58 243-61
 Cole, Arthur Harrison. Historical development of economics and business literature. (Kress lib. of business and economics, Pub. no 12) Baker lib, Graduate school of business adm, Harvard univ. '57 56p
 Cole, A. H. Conspectus for a history of economic and business literature. J Econ Hist 17:333-88 S '57
 Lekachman, Robert. History of economic ideas. Harper '59 p403-14 annot
 Marchal, André. La pensée économique en France depuis 1945. (Bibliothèque de la science économique) Presses universitaires de France '53 p 191-228
 Roll, Erich. History of economic thought. 3d ed Prentice-Hall '56 p528-32
 Sen, Samar Ranjan. Economics of Sir James Steuart. Harvard univ. press '57 p201-2

Mathematical models

- Beach, Earl Francis. Economic models; an exposition. Wiley '57 incl bibliog annot

Periodicals

- Genoa (province). Camera di commercio, industria e agricoltura. Biblioteca. Elenco delle pubblicazioni periodiche. Società d'arte poligrafica '55 81p
 Johns Hopkins university. Department of political economy. Basic lists in special fields; 3. Selected bibliog. of economic reference works and professional journals. (Economics lib. sels, ser2, no3) The department '56 p40-1 annot

Research in progress

- Doctoral dissertations in political economy in progress in American universities and colleges; no521-561 Am Econ R 45:777-802; 46:804-33; 47:830-57; 48:804-35; 49:863-92 S '55, S '56, S '57, S '58, S '59

Social and ethical aspects

- Majumdar, Tapas. Measurement of utility. St Martins '58 p 144-9

Study and teaching

- Berke, Rolf. Die wirtschaftsoberschulen der Bundesrepublik Deutschland; ein beitrage zur diskussion über die berechtigung und bedeutung dieses schultyps innerhalb des deutschen bildungswesens. (Mannheim. Wirtschaftshochschule. Veröffentlichungen. Reihe 1: Abh. v3) Kohlhammer '57 p 128-37
 Bird, Dillard E. Economic education; a bibliography. Foremanship foundation '56 56p
 Joint council on economic education. Annotated bibliography of materials in economic education, 1959-60. The council '59 47p

ECONOMICS. Mathematical

- Allen, Roy George Douglas. Mathematical economics. St Martin's '56 incl bibliog

France. Centre national de la recherche scientifique. Économétrie. Paris, 12-17 mai 1952. (Colloques internationaux, 40) The center '53 incl bibliog

Henderson, James Mitchell, and Quandt, Richard E. Microeconomic theory; a mathematical approach. (Economics handbk, ser) McGraw '58 incl bibliog

Johns Hopkins university. Department of political economy. Basic lists in special fields; 2. Statistics and econometrics. (Economics lib. sels, ser2, no2) The department '55 29p annot

Nerlove, Marc. Distributed lags and demand analysis for agricultural and other commodities. (U.S. Dept. of agriculture. Agriculture handbk, no 141) U.S. Gov. ptg. office '58 p 116, 118-19

Rasmussen, Poul Nørresgaard. Studies in inter-sectoral relations. (Copenhagen. Handelshøjskolen. Skriftrække B: 15) Harck '56 p209-14

Riley, Vera, and Gass, Saul I. Linear programming and associated techniques; a comprehensive bibliog. on linear, nonlinear, and dynamic programming. rev ed (Johns Hopkins univ. Operations research office. Bibliog. reference ser, no5; Programming for policy decision, v 1) Johns Hopkins press '58 613p

See also

Interindustry economics

ECONOMICS, Medical. See Medical economics

ECONOMICS, Primitive

Trouwborst, Albertus Antonius. Vee als voorwerp van rijkdom in Oost Afrika. Excelsior '56 p 111-15

ECONOMY. See Saving and thrift

ECTODERM

Abbott, U.K. and Asmundson, V. S. Scaleless, an inherited ectodermal defect in the domestic fowl. J Heredity 48:69-70 Mr '57

ECUADOR

Hamburg. Welt-wirtschafts-archiv. Biblio thek. Ecuador, Peru, Bolivien; stand: Oktober 1957. (Auslandskunde; literatur nachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abt. no14) The library '58 119p

Linke, Lilo. Ecuador; country of contrasts. 2d ed Inst. of int. affairs '55 p 168-71

Antiquities

Evans, C. and Meggers, B. J. Formative period cultures in the Guayas basin, coastal Ecuador. Am Antiq 22:246-7 Ja '57

History

Lara, Jorge Salvador. La documentación sobre los próceres de la independencia y la crítica histórica; conferencia pronunciada el martes 28 de enero de 1958, en la Sociedad bolivariana del Ecuador. Editorial Casa de la cultura ecuatoriana '58 93p

ECUMENICAL movement

Baum, Gregory. That they may be one; a study of papal doctrine (Leo XIII-Pius XII) Newman press '53 p 172-6

Doornkaat, Hans ten. Die ökumenischen arbeiten zur sozialen frage. Gotthelf '54 p251-7

Nicolas, M. J. Chronique de théologie protestante et œcuménique. R Thomiste 56: 715-40 O '56

Orr, Grace Douglas. Layman's guide to ecumenicity. The author '56 p91-4

EDDAS

Hannesson, Jóhann S. Bibliography of the Eddas; a sup. to Bibliography of the Eddas (Islandica 13) by Halldór Hermannsson. (Islandica; an annual relating to Iceland and the Fiske Icelandic coll. in Cornell univ. lib, v37) Cornell univ. press '55 110p

EDER, Josef Maria, 1855-1944

Zahlbrecht, Robert. Josef Maria Eder bibliographie. Photographische gesellschaft '55 74p

EDIBLE plants. See Plants, Edible

EDUCATION

Annual educational bibliography, 1955[-1958] (Pub. no 178, 186, 198, 210) Int. bur. of education '56-'59 4v annot

Association for higher education. National committee on general education. Research in general education instruction, 1955[-1955/57] a sel. and annot. bibliog. of research articles having implications for general education instruction. The committee '55-'57 2v

EDUCATION—Continued

- Association for supervision and curriculum development. Selected bibliography for curriculum workers, 1956[1-1959] edition. The association '56-'59 4v annot
- Babcock, R. E. Fundamental books for teachers. (In Willcockson, Mary, ed. Social education for young children: kindergarten-primary grades. 2d rev ed (Curriculum ser, no4) Nat. council for the social studies '56 p 154-5) annot
- Bibliographia. See numbers of *Scientia paedagogica*
- Bibliographie der deutschen hochschulschriften im bereich der pädagogik und psychologie, 1950-1953. *Pädagogik* 11 no4:317-20; no1:551-60; no8:634-40; no 11:901-4 '56
- Bibliographie der pädagogischen literatur in der Schweiz, 1951[1-1953] *Archiv Schweiz Unterrichtsw* 38:98-123; 39:105-31; 40:130-60 '52-'54
- Bibliography. See numbers of *International bureau of education. Bulletin*
- Black, Isabella. Controversy over aims and methods in education: a sel. list of references. The author '56 14p annot
- Blackwell, Annie Margaret. List of researches in education and educational psychology, presented for higher degrees in the universities of the United Kingdom, Northern Ireland, and the Irish Republic from 1913 to 1948, classified according to a modification of the Dewey decimal system; with a foreword by Sir Fred Clarke. (Nat. foundation for educational research in England and Wales. Pubs. no 1) Newnes '50 173p
- Supplement no 1[1-3] 1952 and 1953[1-1956 and 1957] (Nat. foundation for educational research in England and Wales. Pubs. no 7, 9, 11) Newnes '54-'58 3v
- Carpenter, William Weston, and Capps, Arlie Glenn. Areas of educational administration considered in doctoral dissertations. (Mo. Univ. Education ser, no67) College of education '57 51p
- Cincinnati. University. Teachers college. Abstracts of graduate theses in education, 1944-1954; comp. and ed. by Gordon Hendrickson. (V5) The college '55 276p
- Collins, Philip Arthur Williams. Dickens periodicals: articles on education; an annot. bibliography. (Papers, no3) Vaughan college, Leicester univ. '57 36p
- Colorado state college of education. Abstracts of field studies for the degree of doctor of education, 1955[1-1958] (V 17-20) Univ. microfilms '56-'59 4v
- Columbia university. Teachers college. Register of doctor of education reports; v3, Jan. 1952-June 30, 1957; comp. by Mary Moore Beale and Helen Isenminger. The college '57 74p
- 1st[1-2d] annual sup, July 1, 1957-June 30, 1958[1-July 1, 1958-June 30, 1959] *Teach Coll Rec* 60:220-30; 61:158-69 Ja, D '59
- Cramer, John Francis, and Browne, George Stephenson. Contemporary education; a comparative study of nat. systems. Harcourt '56 p 610-23 annot
- Diederich, Else, and Diederich, Werner. Das pädagogische schrifttum; 1, 1945-1948. (Erziehungswissenschaftliche bestandaufnahmen, v 1) Pädagogische arbeitsstelle '51 86p
- Donovan, Herman Lee. Keeping the university free and growing. Univ. of Ky. press '59 p 145-55
- Dressel, P. L. and Mayhew, L. B. Selected bibliography on general education. *J Gen Educ* 8:261-86 Jl '55
- Education index; a cumulative author and subject index to a sel. list of educational periodicals, bks, and pamphlets. Wilson. See numbers
- Educational books of 1956. *Educ Horizons* 35:97-120 Spring '57
- Educational research service. Education in lay magazines. The service. See numbers
- Eels, Walter Crosby. American dissertations on foreign education; doctor's dissertations and master's theses written at Am. univs. and colleges concerning education or educators in foreign countries and education of groups of foreign birth or ancestry in the U.S., 1884-1959. Com. on int. relations. Nat. education assn. of the U.S. '59 300p annot
- Eells, W. C. American doctoral dissertations on education written by women in the nineteenth century. *Educ Horizons* 35:53-6 Winter '56
- Eells, W. C. Dissertations on foreign education accepted by American universities. *J Educ Sociol* 30:147-56 N '56
- Ehlers, Henry, ed. Crucial issues in education; an anthology [by the ed and Gordon C. Lee, rev ed Holt '59 incl bibliog]
- Finn, J. D. Good guys and the bad guys. Phi Delta Kappan 40:31-2 O '58
- Florida. University. College of education. Abstracts of doctoral studies in education, 1955[1-1959] The college '55-'59 5v
- Florida. University. College of education. Education library. Education in foreign countries; representative materials about sel. foreign countries. (Bibliog. no 19) The library '56 10p
- Florida. University. College of education. Education library. Leadership in education. (Bibliog. no 12) The library '55 10p
- Fribourg. Université. Pädagogischer ferienkurs, 19th, 1954. Das pädagogische milieu; vorträge. (Arbeiten zur psychologie, pädagogik und heilpädagogik, v6) Universitätsverlag '54 incl bibliog
- Gozzer, Giovanni. *Prontuario bibliografico educativo*. (Sestante, problemi scolastici e sociali, no4) Demos '54 206p
- Hornsby, Margery Hurlbut (Patch). Bibliography of materials prepared for Curriculum subcommittee, Committee of fifteen, during summer of 1955. Univ. of Ky. '55? 35p
- Illinois state normal university. Abstracts of theses, June 1955 and August 1955[1-June & August 1957 and June & August 1958] (Teacher education, v 13, no4; v 19, no4; Bul) The university '56-'58 3v
- Indiana. University. School of education. Studies in education, 1955[1-1958] (Thesis abstract ser, no7-10) The school '56-'59 4v
- Iowa. State teachers college. Bureau of research. Masters theses in education, 1954-55[1-1958-59] (No4-8) Research pubs. '55-'59 5v
- Kandel, Isaac Leon. New era in education; a comparative study [under the editorship of Herold C. Hunt] Houghton '55 incl bibliog
- Kelley, Janet Agnes. Guidance and curriculum. (Prentice-Hall education ser) Prentice-Hall '55 p453-67
- King, Edmund James. Other schools and ours. (Rinehart bks, in history and principles of education) Rinehart '59 p221-4 annot
- Librarians of institutes of education. Union list of books on education and educational textbooks published 1701-1800. Inst. of education, Leicester univ. college '56 31p
- Librarians of institutes of education. Union list of works on education and educational textbooks published or first published 1801-1840. Inst. of education, Leicester univ. college '57 53p
- McLean, Malcolm Shaw, and Lee, Edwin Augustus. Change and process in education. (Dryden press professional bks, in education) Dryden '56 incl bibliog annot
- Mossé-Bastide, Rose Marie. Bergson, éducateur. Presses universitaires de France '55 p449-50
- National book league. Education book guide. Councils of education press '59 144p
- National book league. Selected books on education: annotated; with supplement, new ed The league '59 13p
- Oliver, Pauline, and Ward, Edward. Bibliography, selected and annotated, as an aid to study commissions in the following areas: drop-outs, gifted child, grouping, grading and reporting, promotion. Gulf school research development assn. '56 28p
- Outstanding educational books of 1955[1-1958] NEA *J* 45:312-13; 46:340-1; 47:345-4; 48:56-8 My '56, My '57, My '58, My '59 annot
- Paris, Centre national de documentation pédagogique. Bibliographie pédagogique, 1951-1952. The center '54 225p
- Peabody bimonthly booknotes. See numbers of Peabody journal of education
- Phi Delta Kappa, incorporated. Research studies in education 1954[1-1958] a subject index of doctoral dissertations, reps. and field studies; and a research methods bibliography. The fraternity '55-'59 5v
- Pierce, Truman Mitchell, and others. Community leadership for public education. (Prentice-Hall education ser) Prentice-Hall '55 p299-307
- Prague. Universita Karlova. Knihovna. Knihy o výchově dětí a mládeže; sest. Pravoslav Hykšes let all (Čteme a studujeme, 1957, no7) The university '57 12p

EDUCATION—Continued

- Publications, American council on education, October 1953–October 1954 [–October 1957–October 1958] Educ Rec 36:103-4; 37:78-80; 38:77-8; 39 sup:43-4; 40 sup:45-7 Ja '55, Ja '56, Ja '57, Ja '58, Ja '59
- Schild, A. H. Bibliography of materials for the professional library in every school. Bul Educ 12:110-24 My '58
- Selected references on education outside the U.S.A. El Sch J 55:525-31; 56:413-18; 57:452-6; 58:471-4; 59:464-7 My '55, My '56, My '57, My '58, My '59 annot
- Skolebiblioteksforeningen af 1917. Fortegnelse over bøger til lærerbiblioteket; udarbejdet af Erik Jørgensen [et al] 2d ed Dansk bibliog. kontor '54 27p
- Stillman, Mary E. Education. (PACAF basic bibliog.) Pacific air forces, U.S. Air force '58 29p
- Strang, Ruth. Group work in education. Harper '58 incl bibliog
- Textbooks in print, formerly the American educational catalog, 1956 [–1959] rev. to Jan. 1956 [–1959] an auth. and title index to elementary, junior and senior high school bks. classified by subject with sup. readers and pedagogical bks; comp. at the office of Publishers' weekly from data furnished by publishers. Bowker '56-'59 4v
- Tumba Ortega, A. Bibliografía de Nueva educación. Bol Bibliog 26:96-318 D '53 annot
- United Nations educational, scientific and cultural organization. Education clearing house. Education abstracts. UNESCO. See numbers
- United States. Superintendent of documents. Education. (Price list 31, 48th ed) U.S. Gov. ptg. office '55 26p
- Wood, Hugh Bernard. Readings in education. Education Pacific bks. '58 p339-49
- See also*
- Ability grouping in education
 - Agricultural education
 - Audio-visual education
 - Blind—Education
 - Books and reading
 - Business education
 - Character education
 - Church and education
 - Colleges and universities
 - Consumer education
 - Drama in education
 - Educators
 - Engineering education
 - Health education
 - Illiteracy
 - Industrial education
 - Integration (education)
 - Intercultural education
 - Jews—Education
 - Jews in the United States—Education
 - Kindergarten
 - Libraries
 - Military education
 - Moving pictures in education
 - Naval education
 - Negroes in the United States—Education
 - Physical education and training
 - Psychiatric education
 - Public schools
 - Radio in education
 - Religious education
 - Rural schools
 - Scholarships
 - Speech education
 - Students
 - Teachers
 - Teaching
 - Technical education
 - Television in education
 - Vocational education
- Brown, Kenneth E. and Wright, Grace (Stevens). Curriculum problems of junior high schools. (Circ. no430) U.S. Office of education '55 8p
- Cook, W. W. and others. Curriculum research. R Educ Res 26:237-40 Je '56
- Curriculum planning and development; reviews the literature since June 1954. R Educ Res 27:237-304 Je '57
- Edwards, Thomas Bentley. Regional project in secondary education; evaluation of a program of cooperative curriculum development. (Calif. Univ. Pubs. in education, v 12, no 1) Univ. of Calif. press '56 p61-2
- Faunce, Roland Cleo, and Bossing, Nelson Louis. Developing the core curriculum. 2d ed Prentice-Hall '58 incl bibliog
- Harper, Aaron Wesley, and Wittrock, Merlin C. Citizens and faculty; workbook for study of school programs. Office of field services, Univ. of Ill. '58 p185-9 annot
- Hoppe, A. Students help improve the curriculum in Indiana. Ind Univ Sch Ed Bul 32:47-50 Ja '56
- Hurley, Beatrice Jane (Davis). Curriculum for elementary school children. Ronald '57 incl bibliog annot
- Krug, Edward August. Curriculum planning. (Education for living ser) Harper '57 incl bibliog
- Krug, Edward August, and others. Administering curriculum planning. (Exploration ser. in education) Harper '56 incl bibliog
- Morrison, Perry D. Reference sources for curriculum development. (Curriculum bul. no 148) School of education, Univ. of Ore. '55 p11-14
- Olson, Willard Clifford. Psychological foundations of the curriculum. (Educational studies and docs. no26) UNESCO '57 p65-7
- Pritzkauf, Philo T. Dynamics of curriculum improvement. (Prentice-Hall education ser) Prentice-Hall '59 incl bibliog annot
- Soriano, Domingo. Educational engineering; promoting adaptability in the schools of the Philippines. Bookman '54 p135-47
- Spears, Harold. Curriculum planning through in-service programs. Prentice-Hall '57 p335-41
- Stratemeyer, Florence Barbara, and others. Developing a curriculum for modern living. 2d ed rev & enl (Horace Mann-Lincoln inst. of school experimentation. Pub) Teachers college '57 incl bibliog
- Young, R. J. Suggested basis for examining legal and regulatory requirements affecting curriculum. Educ Adm & Sup 43:415-17 N '57
- See also*
- Articulation (education)
 - Colleges and universities—Curricula
 - Education, Elementary—Curricula
 - Education, Secondary—Curricula

Core program

- Florida. University. College of education. Education library. Core curriculum in action. (Bibliog. no 13) The library '55 6p
- Same. 2d ed. (Bibliog. no35) The library '59 9p
- Lurry, Lucile L. and Alberty, Elsie June Stalzer. Developing a high school core program. Macmillan '57 incl bibliog annot
- New York (city) Board of education. Division of curriculum development. Developing a core program in the junior high school grades. (Curriculum bul. 1957-58 ser, no 12) The division '58 p133-6
- Strom, I. M. Role of literature in the core curriculum. Ind Univ Sch Ed Bul 34:43-57 My '58
- Wright, Grace (Stevens). Core program; abstracts of unpub. research, 1946-1955. (Circ. no485) U.S. Office of education '56 70p
- Wright, G. S. Ten years of research on the core program. Sch R 64:399-401 D '56

Finance

See School finance

History

- Anderson, Vernon Ellsworth. Principles and procedures of curriculum improvement. (Douglass ser. in education) Ronald '56 incl bibliog
- Association for supervision and curriculum development. Current curriculum materials from representative school publications; 12th annual conference curriculum exhibit, Mar. 17-21, 1957, St Louis, Missouri. The association '57 78p
- Association for supervision and curriculum development. Look at continuity in the school program. (Yrbk. 1958) The association '58 p271-81 annot

- Butts, Robert Freeman. Cultural history of western education; its social and intellectual foundations. 2d ed (McGraw-Hill ser. in education) McGraw '55 p685-619
- Du Toit, J. J. Vryheid en gesag in die opvoeding, histories en krities. De Bussy '54 p321-9
- Grue-Sørensen, K. Opdragelsens historie. (Gyldendals pædagogiske bibliotek, 4) Gyldendal '56 incl bibliog

EDUCATION—History—Continued

- Marr, Harriet Webster. Old New England academies founded before 1826. Comet '59 p297-302
- Marrou, Henri Irénée. History of education in antiquity; tr. by George Lamb. Sheed '56 p353-8 annot
- Mulhern, James. History of education; a social interpretation. 2d ed Ronald '59 incl bibliog
- Pollard, Hugh M. Pioneers of popular education, 1760-1850. Harvard univ. press '57 p281-93
- Smith, William Anton. Ancient education. Philosophical lib. '55 incl bibliog

International aspects

- Flack, Michael Julius. Sources of information on international educational activities; an exploratory survey, prepared for the Comm. on education and int. affairs. Am. council on education '58 113p
- International Catholic child bureau. 5th Congress, Venice, 1955. Eléments de bibliographie sur l'éducation du sens international chez l'enfant. Bibliography on the development of an international sense in children. The congress '55 30p
- Kenworthy, Leonard Stout. Introducing children to the world; in elementary and junior high schools. Harper '56 p209-54
- Kenworthy, L. S. ed. International understanding through the secondary school curriculum. Nat Assn Sec Sch Prin Bul 40: 9-247 D '56 incl bibliog

See also

Internationalism

International cooperation

- Bodenman, Paul S. American cooperation with higher education abroad; a survey of current programs; with the cooperation of the Inter-agency com. on the President's Baylor proposals. (U.S. Office of education. Bul. 1957, no8) U.S. Gov. ptg. office '57 p207-11
- Institute of international education. Handbook on international study, 1958; a guide for foreign students on study in the United States and for U.S. students on study abroad. 2d ed The institute '58 p414-25
- National research council. Educational exchanges; aspects of the Am. experience; rep. of a conference sponsored by the Com. on int. exchange of persons of the Conference board of associated research councils. Princeton, N. J. Dec.2-4, 1954. The council '56 p71-2

Periodicals

- Dwyer, Catherine F. Periodicals in education, psychology, and related subjects in Melbourne libraries; a list; 2d issue, amendments and corrections. Australian council for educational research lib. '54 30p
- Educational press association of America. America's educational press; a classified list of educational pubs. issued in the U.S. (Yrbk. 25-26) The association '55-'57 2v
- Index to selected British educational periodicals. Univ. inst. of education. See numbers
- Taylor, K. I. Subjects for articles on school libraries desired by editors of educational periodicals. J Educ Res 52:112-14 N '58
- United Nations educational, scientific and cultural organization. International list of educational periodicals. (Educational studies and docs, no23) UNESCO '57 200p

Philosophy

- Adler, Mortimer Jerome, and Mayer, Milton Sanford. Revolution in education; with an introd. by Clarence Faust. Univ. of Chicago press '58 p203-15
- Brameld, Theodore Burghard Hurt. Philosophies of education in cultural perspective. (Dryden press professional bks. in education) Dryden '55 p415-26
- Brameld, Theodore Burghard Hurt. Toward a reconstructed philosophy of education. (Dryden press professional bks. in education) Dryden '56 p399-406
- Butler, James Donald. Four philosophies and their practice in education and religion. rev ed Harper '57 p585-98
- Corey, Fay L. Value of future teachers; a study of attitudes toward contemporary issues. (Studies in education) Teachers college '55 p 140-6
- Culler, Arthur Dwight. Imperial intellect; a study of Newman's educational ideal. Yale univ. press '55 p273-5

- Erasmus, O. C. Die personalisme van Kohnstamm en die betekenis hiervan vir sy prinsipiële-pedagogiese denkbou. The personalism of Kohnstamm and its bearing on his educational theory. (Opvoedkundige studies, v5, no 17) Fakulteit Opvoedkunde, Univ. Pretoria '57 p 133-40
- Hartford, Ellis Ford. Moral values in public education; lessons from the Ky. experience. Harper '58 p311-30 annot
- Mayer, Frederick, and Brower, Frank E. Education for maturity; introd. by William Heard Kilpatrick. Public affairs press '56 p 154-5
- National society for the study of education. Committee on modern philosophies and education. Modern philosophies and education; ed. by Nelson B. Henry. (Nat. soc. for the study of education. Yearbk. 54, pt 1) Univ. of Chicago press '55 incl bibliog
- Niblett, William Roy. Education—the lost dimension; with a foreword by Margaret Mead. Sloane '55 p 143-6
- O'Brien, Kevin J. Proximate aim of education; a study of the proper and immediate end of education. Bruce pub. '58 p249-55
- O'Connor, Daniel John. Introduction to the philosophy of education. Philosophical lib. '57 p 143-4
- Park, Joe, ed. Selected readings in the philosophy of education. Macmillan '58 incl bibliog
- Phenix, Philip Henry. Philosophy of education. Holt '58 p591-612
- Romein, Tunis. Education and responsibility. Univ. of Ky. '55 p 199-207 annot
- Sayers, Ephraim Vern, and Madden, Ward Ellis. Education and the democratic faith; introd. to philosophy of education. Appleton '59 incl bibliog
- Stanley, W. O. and Smith, B. O. Historical, philosophical, and social framework of education. R Educ Res 26:318-22 Je '56

Research

See Educational research

Segregation

See Segregation in education

Standards

- Wright, Grace (Stevens). State accreditation of high schools; practices and standards of state agencies. (U.S. Office of education. Bul. 1955, no5) U.S. Gov. ptg. office '55 p75-6

Statistics

- Cornell, Francis Griffith. Essentials of educational statistics. (Wiley pubs. in statistics) Wiley '56 incl bibliog

See also

School attendance

Textbooks

- Librarians of institutes of education. Union list of books on education and educational textbooks published 1701-1800. Inst. of education, Leicester univ. college '56 31p
- Librarians of institutes of education. Union list of works on education and educational textbooks published or first published 1801-1840. Inst. of education, Leicester univ. college '57 53p

Africa

- United Nations educational, scientific and cultural organization. Experiments in fundamental education in French African territories; a study comp. by the French information centre on fundamental education. (Educational studies and docs, no9) Educational clearing house, UNESCO '55 p67-8

America

- Inter-American seminar on elementary education, Montevideo 1950. La educación primaria en América. (Seminarios interamericanos de educación) Div. of education, Pan American union '54 incl bibliog

Australia

- Austin, Albert George, George William Rusden and national education in Australia, 1849-1862. Cambridge '59 p 138-43
- Australian education index. Australian council for educational research. See numbers
- Radford, W. C. and Parkyn, G. W. Australia and New Zealand. R Educ Res 27:16-19, 23-6 F '57

EDUCATION—Continued

Austria

- Lahey, Helen C. Austrian teachers and their education since 1945. (Bul. 1957, no2) U.S. Office of education '56 p77-82
- Müller-Wieland, M. German-speaking countries: Austria, the German Federal Republic, and German-speaking Switzerland. R Educ Res 27:65-74 F '57

Belgium

- Hotyat, F. A. French-speaking countries: Belgium, France, Switzerland. R Educ Res 27: 51-6 F '57
- Paedagogica belgica academica, 1954[-1958] (No5-9) Inst. supérieur de sciences pédagogiques '55-'59 6v annot
- Paedagogica belgica bibliographica, 1954[-1958] (No5-9) Inst. supérieur de sciences pédagogiques '55-'59 4v annot

Brazil

- Bibliografia brasileira de educação. Inst. nacional de estudos pedagogicos. See numbers annot
- Faust, Augustus F. Brazil: education in an expanding economy. (Bul. 1959, no 13) U.S. Office of education '59 p 135-42

Canada

- Jackson, R. W. B. Canada. R Educ Res 27: 35-8 F '57
- Select bibliography on elementary and secondary education in Canada, 1950-54[-1954-56] and list of Canadian education journals, 1958[-1959] (In Canada. Bureau of statistics. Survey of elementary and secondary education, 1950-1954[-1954-1956] (pt 1 of the Biennial survey of education in Canada). Queen's printer '59 2v 1950-1954, p 169-82; 1954-1956, p 119-28) annot

History

- Phillips, Charles Edward. Development of education in Canada. Gage '57 p607-15

China

- Steiner, H. A. Curriculum in Chinese socialist education: an official bibliography of Maoism. Pac Affairs 31:286-99 S '58

Costa Rica

- Karsen, Sonja. Développement de l'éducation de Costa Rica avec l'assistance technique de l'UNESCO, 1951-1954. Dept. de publicaciones, Ministerio de educación pública '54 p 176-93

Egypt

- Samaan, Sadek H. Value reconstruction and Egyptian education; a projection of a cultural and philosophical foundation with reference to secondary schools. (Studies in education) Teachers college '55 p 147-57

Europe, Eastern

- Buhler, Neal, and Zukowski, Stanley. Discrimination in education in the People's democracies: Bulgaria, Czechoslovakia, Hungary, Poland and Romania. Free Europe com, Mid-European studies center '55 p55-61

France

- Hotyat, F. A. French-speaking countries: Belgium, France, Switzerland. R Educ Res 27: 51-6 F '57

History

- Paris. Musée pédagogique. Un siècle d'enseignement à travers la caricature et l'image, 1805-1905. The museum '52 p 190-7

Germany

- Berke, Rolf. Die wirtschafsoberschulen der Bundesrepublik Deutschland; ein beitrage zur diskussion über die berechtigung und bedeutung dieses schultyps innerhalb des deutschen bildungswesens. (Mannheim. Wirtschaftshochschule. Veröffentlichungen. Reihe 1: Abh. v3) Kohlhammer '57 p 128-37
- Deiters, Heinrich. Deutsche pädagogische bibliographie, 1919-1933; hrsg. vom Inst. für theoretische pädagogik an der Humboldt-univ. zu Berlin. Volkwissen '53 204p
- Karbe, Walther. Adult education in the Federal Republic of Germany. (as of 1 May 1954) (Education abstracts, v7, no 1) UNESCO '55 28a

- Lindegren, Aline Marie. Germany revisited: education in the Federal Republic. (Bul. 1957, no 12) U.S. Office of education '57 p 101-7

- Müller-Wieland, M. German-speaking countries: Austria, the German Federal Republic, and German-speaking Switzerland. R Educ Res 27:65-74 F '57
- Roger, Gerhard. Die pädagogische bedeutung der proletarischen jugendbewegung Deutschlands; mit besonderer berücksichtigung des kommunistischen jugendverbandes. (Diskussionsbeiträge zu fragen der pädagogik, no3) Volk & wissen '56 p 166-79

Great Britain

- Banks, Olive. Parity and prestige in English secondary education; a study in educational sociology. (Int. lib. of sociology and social reconstruction) Routledge '55 p249-55
- Great Britain. Central office of information. Reference division. Education in Britain. (Reference pamphlet 7) H.M.S.O. '55 p45-52
- Guide to studies in adult education, 1955 [-1958] Nat. inst. for adult education '56-'59 4v annot
- Kneller, George Frederick. Higher learning in Britain. Univ. of Calif. press '55 p279-87
- Lowndes, George Alfred Norman. British educational system. (Hutchinson's univ. lib: Politics) Hutchinson '55 p 149-51
- Peel, E. A. United Kingdom. R Educ Res 27: 150-8 F '57

Colonies

- Great Britain. Inter-university council for higher education overseas. Inter-university council for higher education overseas, 1946-54. (Gt. Brit. Parliament. Papers by command cmd. 9515) H.M.S.O. '55 p 38-40

History

- Thompson, Craig Ringwalt. Schools in Tudor England. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p35-6 annot

Greece, Modern

- Antonakaki, Kalliniki (Dendrinou). Greek education: reorganization of the administrative structure. (Studies in education) Teachers college '55 p267-74 annot

Illinois

- Kucera, Daniel W. Church-state relationships in education in Illinois. (Educational research monographs, v 19, no 1) Catholic univ. of Am. press '55 p234-47

India

- Indian education abstracts. Educational abstracting service, Central educational lib. India. Ministry of education. See numbers

Indo-China

- Bilodeau, Charles, and others. Compulsory education in Cambodia, Laos and Vietnam. (Studies on compulsory education, 14) UNESCO '55 p 155-7

Israel

- Shumsky, Abraham. Clash of cultures in Israel; a problem for education. (Studies in education) Teachers college '55 p 165-70

Japan

- Anderson, Ronald Stone. Japan, three epochs of modern education. (U.S. Office of education. Bul. 1959, no 11) U.S. Gov. ptg. office '59 p209-14
- Eells, Walter Crosby. Literature of Japanese education, 1945-1954. Shoe string '55 210p
- Hidaka, D. and Murakami, S. Japan. R Educ Res 27:81-91 F '57

Korea

- Koenig, Clara H. Republic of Korea: a guide to the academic placement of students from the Republic of Korea in United States educational insts. 1958. (World education ser) Com. on evaluation of foreign student credentials. Am. assn. of collegiate registrars and admissions officers '58 p73-4

Latin America

- Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18. p76-86; no 19. p94-111; no20. p96-105; no21. p73-81 annot

EDUCATION—Latin America—*Continued*

- Lourenço Filho, M. B. Primary school curricula in Latin America. (Educational studies and docs, no24) UNESCO '57 p36
- Pan American union. Division of education. Estado actual de la educación secundaria en la América Latina; preparada por Pedro A. Cebollero y Bernice Matlowsky. 2d ed rev & enl The division '57 p 196-206
- Pan American union. Section of educational interchange. Education in Latin America; a partial bibliography. (Information ser, bul. 1957, no1-21) The union '57 21pts annot
- Same; 2d ed The union '58 50p annot
- Teixeira, A. S. and others. Latin American countries: Brazil, Costa Rica, Ecuador, Panama, Puerto Rico. R Educ Res 27:101-7, 109-10, 117-18 F '57

Mexico

- Johnston, Marjorie Cecil. Education in Mexico. (Bul. 1956, no 1) U.S. Office of education '56 p 129-35

Middle East

- Eells, Walter Crosby. American doctoral dissertations on education in countries of the Middle East. Middle East inst. '55 23p
- United Nations educational, scientific and cultural organization. Compulsory education in the Arab states, with special reference to the Cairo conference, December 1954. (Studies on compulsory education, 16) UNESCO '56 p81-3

Minnesota

- Minnesota education association. Commission on teacher education and professional standards. Handbook for Minnesota teachers; prepared by Handbk. committee. 4th ed The commission '58 incl bibliog

Netherlands

- Nederlands cultureel contact. Het onderwijsplan Rutten; verslag van het congres over dit onderwerp op 10 en 11 Oct. 1952 door de Vereniging op Woodschoten georganiseerd. Wolters '53 p 120-30

New England

- Marr, Harriet Webster. Old New England academies founded before 1826. Comet '59 p297-302

New York (state)

- Abbott, Frank C. Government policy and higher education; a study of the regents of the Univ. of the state of N.Y. 1784-1949. Cornell univ. press '58 p393-408

New Zealand

- Radford, W. C. and Parkyn, G. W. Australia and New Zealand. R Educ Res 27:16-19, 23-6 F '57
- United Nations educational, scientific and cultural organization. New Zealand school publications branch. (Educational studies and docs, no25) UNESCO '57 p16-30 annot

Ontario

- Fleming, W. G. Factors affecting the predictive accuracy of Ontario grade XIII results. (Bul. no 16) Dept. of educational research, Ontario college of education, Univ. of Toronto '55 p44-6

Pennsylvania

History

- Haller, Mabel. Early Moravian education in Pennsylvania. (Transactions, v 15) Moravian historical soc. '53 p359-97

Peru

- Bibliografía de educación, 1936-1952. Bol Bibliog 26:3-86 D '53

Philippine Islands

- Agorrilla, Amado L. Adult education in the Philippines. Garcia pub. co. '52 incl bibliog
- Philippines (Republic). Bureau of public schools. Catalogue of publications (as of December 1953) Bureau of print, '54 38p
- Philippines (Republic). United Nations educational, scientific and cultural organization national commission. Publications of educational institutions and organizations in the Philippines. (Pub. no5) The commission '54 47p
- Soriano, Domingo. Educational engineering; promoting adaptability in the schools of the Philippines. Bookman '54 p 135-47

Poland

- Warsaw. Instytut pedagogiki. Polska bibliografia pedagogiczna, 1944-1951; v1, Nauczenie przedmiotów ogólnokształcących; cz. 1, Nauczanie przedmiotów humanistycznych; opracował Feliks Korniszewski [et al] Zakład im. Ossolińskich '55 321p

Queensland

- Wyeth, Ezra Robert. Education in Queensland; a history of education in Queensland and in the Moreton Bay district of New South Wales. (A.C.E.R. research ser, no67) Australian council for educational research '55 p207-10

Russia

- De Witt, Nicholas. Soviet professional manpower, its education, training, and supply. Nat. science foundation '55 p365-75
- Florida. University. College of education. Education library. Education in the U.S.S.R. and in the U.S.A. (Bibliog. no28) The library '58 6p
- Hechinger, Fred Michael. Big red schoolhouse; introd. by Paul Woodring. Doubleday '59 p237-40
- Korol, Alexander G. Soviet education for science and technology. (Technology press bks. in the social sciences) Mass. inst. of technology; Wiley '57 p469-80
- Moschovich, M. I. Technical and vocational education in the U.S.S.R.; a bibliographical survey. (Educational studies and docs. no30) UNESCO '59 53p
- United States. Office of education. Division of international education. International educational relations branch. Education in the USSR. (U.S. Office of education. Bul. 1957, no 14) U.S. Gov. ptg. office '57 p224-6

Scandinavia

- Chapman, Eunice. Report of Scandinavian study-tour 1957, for the Ministry of education in Finland, the Ministry of education in Iceland, the Ministry of church and education in Norway, the Board of education in Sweden. (World education ser) Com. on foreign students, Am. assn. of collegiate registrars & admissions officers; Nat. assn. of foreign student advisers '59 p 108-13
- Haugland, A. and Ahlström, K. G. Scandinavian countries: Denmark, Norway, and Sweden. R Educ Res 27:125, 136-8 F '57

South

- Harlan, Louis R. Separate and unequal; public school campaigns and racism in the southern seaboard states, 1901-1915. Univ. of N.C. press '58 p270-81 annot
- Southern education reporting service. With all deliberate speed; segregation-desegregation in southern schools; ed. by Don Shoemaker. Harper '57 p218-24

South Africa

- Cilliers, D. H. Die stryd van die afrikaanssprekende in Kaapland om sy eie skool, 1652-1939. Balkema '53 p272-8

Switzerland

- Hotyat, F. A. French-speaking countries: Belgium, France, Switzerland. R Educ Res 27:51-6 F '57
- Müller-Wieland, M. German-speaking countries: Austria, the German Federal Republic, and German-speaking Switzerland. R Educ Res 27:65-74 F '57

Texas

- Evans, Cecil Eugene. Story of Texas schools. Steck '55 p413-31

Turkey

- Oğuzkan, Turhan. Adult education in Turkey. (Educational studies and docs, no 14) Education clearing house, UNESCO '55 p49-50

United States

- Bellamy, R. F. Scientific attitude toward education. Fla Acad Sci Q J 19:36-8 Je '56
- Bereday, George Z. F. and Volpicelli, Luigi, eds. Public education in America; a new interpretation of purpose and practice. Harper '58 incl bibliog
- Callahan, Raymond E. Introduction to education in American society; a text with readings; foreword by George S. Counts. Knopf '56 incl bibliog

EDUCATION—United States—*Continued*

- Cressman, George Righter, and Benda, Harold W. Public education in America; a first course. Appleton '56 incl bibliog
- De Young, Chris Anthony. Introduction to American public education. 3d ed (McGraw-Hill ser. in education) McGraw '55 incl bibliog annot
- Douglass, Earl Roy. American public education; an intro; 2d ed, by Calvin Grieder and Stephen Romine. (Douglass ser. in education) Ronald '55 incl bibliog annot
- Drake, William Earle. American school in transition. Prentice-Hall '55 incl bibliog annot
- Florida. University. College of education. Education library. Education in the U.S.S.R. and in the U.S.A. (Bibliog. no28) The library '58 6p
- Franzen, Carl Gustave Frederick. Foundations of secondary education. (Education for living ser) Harper '55 incl bibliog
- Gross, Neal Craslineck. Who runs our schools? Wiley '58 p 185-8
- Hamlin, Herbert McNee. Public and its education; a citizens' guide to study and action in public education. Interstate '55 p252-93
- Hansen, Kenneth Harvey. Public education in American society. (Prentice-Hall education ser) Prentice-Hall '56 incl bibliog annot
- Hechinger, Fred Michael. Big red schoolhouse; intro; by Paul Woodring. Doubleday '59 p237-40
- Lee, Gordon Canfield. Introduction to education in modern America. rev ed Holt '57 incl bibliog
- McClellan, Grant S. ed. America's educational needs. (Reference shelf. v30, no5) Wilson '58 p259-69
- McCluskey, Neil Gerard. Public schools and moral education; the influence of Horace Mann, William Torrey Harris and John Dewey. Columbia univ. press '58 p277-304
- MacIver, Robert Morrison. Academic freedom in our time. Columbia univ. press '55 p305-20
- Mastin, C. D. Current opinion on public education. Calif Sch 29:454-7 Ag '58
- Mathewson, Robert Hendry. Strategy for American education; an inquiry into the feasibility of education for individual and social development. (Education for living ser) Harper '57 incl bibliog
- New York (state). University. Design for improving elementary education in New York state; a guide for the improvement of educational programs in elementary grades. The university '55 p69-75
- O'Neill, James Milton. Catholic in secular education; intro; by George N. Shuster. Longmans '56 p 167-71
- Perdew, Philip W. American secondary school in action. Allyn '59 incl bibliog
- Pounds, Ralph Linnaeus, and Bryner, James R. School in American society. Macmillan '59 incl bibliog
- Richmond, William Kenneth. Education in the U.S.A.; a comparative study. Philosophical lib. '56 incl bibliog
- Sears, Jesse Brundage, and Henderson, Adin D. Cubberley of Stanford and his contribution to American education. Stanford univ. press '57 p290-6
- Thomassen, Henry. Trends in economic education. Annals of Am. economics '56 p42-5
- United States. Office of education. Selected references on federal aid for education by Clayton D. Hutchins and Albert R. Munse. The office '52 9p
- Walch, John Weston. Complete handbook on increasing educational opportunities. The author '55 2v incl bibliog
- Weber, Clarence Adam, and Weber, Mary E. Fundamentals of educational leadership. (McGraw-Hill ser. in education) McGraw '55 p240-65 annot

Viet Nam

- Bilodeau, Charles, and others. Compulsory education in Cambodia, Laos and Viet-Nam. (Studies on compulsory education, 14) UNESCO '55 p 155-7

Western Australia

- Mossenson, David. History of teacher training in western Australia. (Research ser, no68) Australian council for educational research '55 p 107-11 annot

EDUCATION, Audio-visual. See Audio-visual education

EDUCATION, Communist. See Communist education

EDUCATION, Comparative

Mid-west debate bureau. Debate review: resolved: that the United States should adopt the essential features of the British system of education. The bureau '59 p33-8, 47-84 annot

Mid-west debate bureau. What system of education would be best for the United States? (Debate handbk) The bureau '59 p39-68, 135-254

United Nations educational, scientific and cultural organization. Comparative education. (Education abstracts. v 10, no2) UNESCO '58 15p annot

United States. Office of education. Bibliography: 1956-1958 publications in comparative and international education. (Studies in comparative education) U.S. Gov. ptg. office '51-'59 3v annot

EDUCATION, Compulsory

See also

School attendance

EDUCATION, Consumer. See Consumer education

EDUCATION, Cooperative

Hunt, DeWitt. Work experience education programs in American secondary schools. (U.S. Office of education. Bul. 1957, no5) U.S. Gov. ptg. office '57 p83-94

Tyler, Henry T. Report of the study of work experience programs in California high schools and junior colleges. (Bul. v25, no3) Calif. state dept. of education '56 p145-7

EDUCATION, Elementary

Archer, Clifford Paul. Elementary education in rural areas. Ronald '58 incl bibliog annot

Association for childhood education (international). Intermediate school portfolio: the 9's to 12's. (Bul. no4) The association '54 incl bibliog

Barr, John A. Elementary teacher and guidance. Holt '58 incl bibliog

Beauchamp, George. Basic dimensions of elementary method. Allyn '59 incl bibliog annot

Byrn, David L. and Olson, Gerald V. Curriculum aids for the middle grades. The authors '58 76p

California. Department of education. Elementary school program in California; handbk. for the orientation of teachers. rev ed (Bul. v26, no2) The department '57 p49-54

Caswell, Hollis Leland, and Foshay, Arthur Wellesley. Education in the elementary school. 3d ed Am. bk. '57 incl bibliog

Educational programs: early and middle childhood; reviews the literature for the six-year period since Oct. 1950[-Apr. 1953] R Educ Res 23:115-87; 29:133-219 Ap '53, Ap '59

Fitzgerald, James Augustine, and Fitzgerald, Patricia G. Methods and curricula in elementary education. Bruce pub. '55 incl bibliog

Hanna, Lavone Agnes, and others. Unit teaching in the elementary school. Rinehart '55 incl bibliog annot

Harrison, Raymond H. and Gowin, Lawrence E. Elementary teacher in action. Wadsworth pub. co. '58 incl bibliog

Imhoff, Myrtle Mary. Early elementary education. Appleton '59 incl bibliog

Inter-American seminar on elementary education, Montevideo 1950. La educación primaria en América. (Seminarios interamericanos de educación) Div. of education, Pan Am. union '54 incl bibliog

Klausmeier, Herbert John, and others. Teaching in the elementary school. (Exploration ser. in education) Harper '56 incl bibliog

Knapp, Robert Henry. Guidance in the elementary school. Allyn '59 incl bibliog

Kyte, George Cleveland. Elementary school teacher at work. Dryden '57 incl bibliog

Lewis, Gertrude Minnie. Educating children in grades four, five and six. (U.S. Office of education. Bul. 1958, no3) U.S. Gov. ptg. office '58 p203-10

Lonsdale, Bernard J. and Nance, Afton Dill. Evaluating the elementary school. (Bul. v27, no8) Calif. State dept. of education '58 p65-70

EDUCATION, Elementary—Continued

- McKim, Margaret Grace, and others. Learning to teach in the elementary school. Macmillan '59 incl bibliog
- National education association. Department of kindergarten-primary education. Kindergarten-primary education; an annot. and indexed bibliog; prepared by a Com. of Detroit teachers with the assistance of the NEA division. The department '55 36p
- New York (state). University. Design for improving elementary education in New York state; a guide for the improvement of educational programs in the elementary grades. The university '55 p 69-75
- Oregon. Department of education. Bibliography for teaching Oregon's children; a handbk. for elementary teachers comp. by the Elementary education section. The department '57 17p
- Oregon. Department of education. Teaching Oregon's children; handbk. for elementary teachers. The department '57 214p
- Bibliography comp. by [the] Elementary sec. of the Department. The department '57 56p
- Otto, Henry John, ed. Curriculum enrichment for gifted elementary school children in regular classes, by a University of Texas workshop group. (Pub. no6) Bureau of laboratory schools, Univ. of Tex. '55 incl bibliog
- Otto, Henry John. Social education in elementary schools. (Rinehart bks. in elementary education) Rinehart '56 incl bibliog annot
- Otto, Henry John, and others. Class size factors in elementary schools. (Pub. no4) Bur. of laboratory schools, Univ. of Tex. '64 incl bibliog
- Otto, Henry John, and others. Principles of elementary education. rev ed Rinehart '55 p440-8
- Selected references on elementary-school instruction. *El Sch J* 56:35-40, 79-90, 124-34; 57:48-53; 102-14, 161-71; 58:48-54, 105-15, 170-80; 59:48-55, 107-17, 170-80; 60:49-54, 98-113, 166-73 S-N '55, O-D '56, O-D '57, O-D '58, O-D '59 annot
- Selected references on kindergarten-primary education. *El Sch J* 55:413-17; 56:325-9 Mr '55, Mr '56 annot
- Selected references on preschool, parental, and kindergarten primary education. *El Sch J* 56:272-6; 57:335-41; 58:347-56; 59:349-55 F '56, Mr '57, Mr '58, Mr '59 annot
- Shane, Harold Gray, and McSwain, Eldridge Tracy. Evaluation and the elementary curriculum. rev ed Holt '58 incl bibliog annot
- Sherman, Ruth S. Sharing and planning the use of the democratic method in the classroom; with emphasis on the second grade. Exposition '55 p91-3 annot
- Spain, Charles Rufus, and others. Educational leadership and the elementary school principal. (Rinehart bks. in elementary education) Rinehart '56 incl bibliog
- Thomas, Robert Murray. Ways of teaching in elementary schools. Longmans '55 incl bibliog annot
- Warner, Ruby Hernelund. Child and his elementary school world. (Prentice-Hall education ser.) Prentice-Hall '57 incl bibliog
- See also*
 Education of children
 Kindergarten
 Nursery schools
- Curricula**
- New York (city). Board of education. Curriculum development in the elementary schools. (Curriculum bul, 1955-56 ser, no 1) The board '55 p 147-56
- EDUCATION, Ethical.** See Character education
- EDUCATION, Higher**
- Barton, Allen Hoistington. Studying the effects of college education; a methodological examination of changing values in college; with a foreword by Paul F. Lazarsfeld. Edward W. Hazen foundation '59 p94-6
- Centennial conference on college teaching. Minneapolis, 1958. Two ends of the log; learning and teaching in today's college; ed. by Russell M. Cooper. Univ. of Minn. press '58 incl bibliog
- Council of state governments. Reports on higher education; an annot. bibliog. of recent reps. of state study comms. and other official agencies. (BX-316) The council '58 15p
- Feldmesser, R. A. Social status and access to higher education: a comparison of the United States and the Soviet Union. Harvard Educ R 27:104-6 Spring '57
- Kneller, George Frederick. Higher learning in Britain. Univ. of Calif. press '55 p279-87
- Moos, Malcolm Charles, and others. Campus and the state. Johns Hopkins press '59 p377-406
- Selected references on higher education. *Sch R* 63:489-93; 64:411-14 D '55, D '56 annot
- So they say about higher education. Assn. for higher education. See numbers
- Wilkinson, F. R. Class size in higher education. *J Higher Educ* 29:154-7 Mr '58
- Williams, George Guion. Some of my best friends are professors; a critical commentary on higher education. Abelard-Schuman '58 p247-50
- See also*
 Colleges and universities
 Junior colleges
- Cost**
- Hollis, Ernest Victor, and others. Costs of attending college; a study of student expenditures and sources of income. (U.S. Office of education. Bul. 1957, no9) U.S. Gov. ptg. office '57 p73-4
- EDUCATION, Industrial.** See Industrial education
- EDUCATION, Intercultural.** See Intercultural education
- EDUCATION, Medical.** See Medical colleges
- EDUCATION, Military.** See Military education
- EDUCATION, Moral.** See Character education
- EDUCATION, Religious.** See Religious education
- EDUCATION, Secondary**
- Alexander, William Marvin, and Halverson, Paul M. Effective teaching in secondary schools. (Rinehart bks. in secondary education) Rinehart '56 incl bibliog annot
- Bossing, Nelson Louis. Principles of secondary education. 2d ed Prentice-Hall '55 incl bibliog
- Clark, Leonard H. and Starr, Irving S. Secondary school teaching methods. Macmillan '59 incl bibliog
- Ellis, W. C. American doctoral dissertations on secondary education in foreign countries. Nat Assn Sec Sch Prin Bul 40:166-75 My '56
- Franzén, Carl Gustave Frederick. Foundations of secondary education. (Education for living ser) Harper '55 incl bibliog
- French, Will, and others. Behavioral goals of general education in high school. Russell Sage '57 p233-5
- Hammock, Robert Carleton, and Owings, Ralph Seer. Supervising instruction in secondary schools. (McGraw-Hill ser. in education) McGraw '55 incl bibliog
- Keller, Franklin Jefferson. Comprehensive high school. Harper '55 p287-90
- Kenworthy, L. S. ed. International understanding through the secondary school curriculum. Nat Assn Sec Sch Prin Bul 40:9-247 D '56 incl bibliog
- Klausmeier, Herbert John. Teaching in the secondary school; a revision of Principles and practices of secondary school teaching. (Exploration ser. in education) Harper '58 incl bibliog
- Lurry, Lucile L. and Alberty, Elsie June Stalzer. Developing a high school core program. Macmillan '57 incl bibliog annot
- New York (state). University. Design for improving early secondary education in New York state; suggestions to schools and their communities for improving educational programs in grades 7, 8 and 9. The university '54 p 105-18
- Pan American union. Division of education. Estado actual de la educación secundaria en la América Latina; preparada por Pedro A. Cebollero y Bernice Matlowsky. 2d ed rev & enl The division '57 p 196-206
- Perdew, Philip W. American secondary school in action. Allyn '59 incl bibliog
- Schorling, Raleigh, and Batchelder, Howard Timothy. Student teaching in secondary schools. 3d ed (McGraw-Hill ser. in education) McGraw '56 incl bibliog

EDUCATION, Secondary—Continued

- Selected references on secondary-school instruction. Sch R 64:36-40, 76-91, 145-55 Ja-Mr '56 annot
- Vredevoe, Lawrence E. Brief outline of secondary education. W. H. Dutton '55 p50-1
- Watkins, Ralph Knupp. Techniques of secondary school teaching. (Douglass ser. in education) Ronald '58 incl bibliog annot
- Wrinkle, William Lawrence, and Gilchrist, Robert S. Secondary education for American democracy] rev ed [by] Robert S. Gilchrist [and others] (Rinehart bks. in secondary education) Rinehart '57 incl bibliog annot
- Zapf, Rosalind Marie. Democratic processes in the secondary classroom. (Prentice-Hall education ser) Prentice-Hall '59 p408-10
- Zeran, Franklin Roylton, ed. Life adjustment education in action; a symposium. Chartwell '53 incl bibliog

See also

- High schools
Junior high schools
Public schools (endowed)—England

Curricula

- Douglass, Harl Roy, ed. High school curriculum, 2d ed (Douglass ser in education) Ronald '56 incl bibliog annot
- New York (city). Board of education. Guide to curriculum improvement in grades 7-8-9. (Curriculum bul, 1955-56 ser, no 10) The board '57 p 106-14 annot
- Venable, Tom C. Patterns in secondary school curriculum. (Exploration ser. in education) Harper '58 p217-27
- Workshop on integration in the Catholic secondary school curriculum, Catholic university of America, 1952. Building the integrated curriculum; the proceedings of the Workshop conducted at the Catholic univ. of Am. from June 13 to June 24, 1952; ed. by Sister Mary Janet Miller. Catholic univ. of Am. press '53 p 161-8

EDUCATION, Social. See Social education

EDUCATION, Special. See Special education

EDUCATION, Technical. See Technical education

EDUCATION, Vocational. See Vocational education

EDUCATION and church. See Church and education

EDUCATION and state

- Abbott, Frank C. Government policy and higher education; a study of the regents of the Univ. of the state of N.Y., 1784-1949. Cornell univ. press '53 p393-408
- Berdahl, Robert Oliver. British universities and the state. (Calif. Univ. Pubs. in political science, v7) Univ. of Calif. press '59 p211-21
- Daniels, Walter Machray, ed. Educational opportunities for youth. (Reference shelf, v27, no5) Wilson '55 p 191-201
- Moos, Malcolm Charles, and others. Campus and the state. Johns Hopkins press '59 p377-406

See also

Scholarships

EDUCATION and the community. See Community and school

EDUCATION for citizenship. See Citizenship, Education for

EDUCATION for librarianship. See Library schools and training

EDUCATION of adults

- Adult education; reviews the literature for the six-year period since June 1953. R Educ Res 29:221-311 Je '59
- Agorrilla, Amado L. Adult education in the Philippines. Garcia pub. co. '52 incl bibliog
- American library association. Office for adult education. Experimental projects in adult education; a rep. of the A.L.A. adult education subgrant project; twenty experimental projects in adult education conducted by libs. which received subgrants from the Am. lib. assn. from a \$100,000 grant from the Fund for adult education. A.L.A. '56 p35-6
- Cass, Angelica W. Adult elementary education; teaching methods and practices, adm. principles and procedures. Noble '56 incl bibliog

Clark, Burton R. Adult education in transition; a study of institutional insecurity. (Calif. Univ. Pubs. in sociology and social insts, v 1, no2) Univ. of Calif. press '56 p 195-7

Donahue, Wilma (Thompson) comp. Education for later maturity; a handbook. Whiteside '55 p325-8

Dyer, John Percy. Ivory tower in the market place; the evening college in Am. education. Eobbs '56 p 196-201 annot

Glancy, Keith E. Noncredit adult education at the university level; a summary report. (Studies in higher education, 88; Further studies in attitudes ser, 25) Div. of educational reference, Purdue univ. '53 p 12-16

Guide to studies in adult education, 1955 [-1958] Nat. inst. for adult education '56-'59 4v annot

Hendricksen, Andrew. Improving adult education in Ohio's public schools. Div. of adult education, Bur. of educational research & service, Ohio state univ. '58 p29-31 annot

Karbe, Walther. Adult education in the Federal Republic of Germany (as of 1 May 1954). (Education abstracts, v7, no 1) UNESCO '55 28p

Keeler, Sister Jerome, ed. Handbook of Catholic adult education. Bruce pub. '59 p89-91

Kempfer, Homer. Adult education. (McGraw-Hill ser. in education) McGraw '55 incl bibliog

Kidd, James Robbins. Adult education in the Canadian university. Canadian assn. for adult education '56 p 131-7

Kidd, James Robbins. How adults learn. Assn. press '59 incl bibliog

Lowy, Louis. Adult education and group work; with a foreword by Harleigh B. Trecker. Whiteside; Morrow '55 p215-17

Oguzkan, Turhan. Adult education in Turkey. (Educational studies and docs, no 14) Education clearing house, UNESCO '55 p49-50

Oklahoma. State library, Oklahoma City. Library community project. Basic bibliography on adult education for small public libraries. The library '59 2p

Reuter, Rudolf. Erwachsenenbildung: bücher und zeitschriftenaufsätze; eine auswahlbibliog. mit besonderer berücksichtigung der jahre 1918-1933. Verlag Der Löwe '58 286p

Snow, Robert H. Community adult education; methods of organizing and maintaining learning opportunities for men and women. Putnam '55 p 163-6

Study of adult education in rural areas. Rural social systems and adult education; a com. rep. by Charles P. Loomis [and others] resulting from a study sponsored by the Assn. of land grant colleges and univs. and the Fund for adult education established by the Ford foundation. Mich. state college press '53 incl bibliog

Thomson, Murray, and Ironside, Diana J. Bibliography of Canadian writings in adult education. Canadian assn. for adult education '56 56p annot

United Nations educational, scientific and cultural organization. International directory of adult education. The organization '52 incl bibliog

Verner, C. and Newberry, J. S. Nature of adult participation. Adult Educ 8:220-2 Summer '58

See also

Employees—Training
Religious education of adults

EDUCATION of children

Aktuelle problem 1 folkeskolen. Redaktionskomité: Fanny Berg [et al] (Aschehougs metodeverk) Aschehoug '54 incl bibliog

Association for supervision and curriculum development. Exhibit committee. Curriculum materials for creative thinking, living, teaching. The association '56 40p

California school supervisors association. Guiding the young child; kindergarten to grade three; prepared by a Committee; ed. Helen Heffernan. 2d ed Heath '59 incl bibliog

Southern association of colleges and secondary schools. Texas executive committee. Sub-committee on elementary education. Schools for young children; a hand-book of guiding principles for parents and teachers. (Bul. 539) Tex. education agency '53 p 100-31

EDUCATION of children—Continued

Wall, William Douglas. Education and mental health; a rep. based upon the work of a European conference called by UNESCO at the Musée pédagogique in Paris, Nov.-Dec. 1952. (Problems in education, 11) UNESCO '55 incl bibliog

See also

Character education
Child psychology
Children—Management
Children, Abnormal and backward
Education, Elementary
Kindergarten
Nursery schools

EDUCATION of prisoners

Banks, Frances. Teach them to live; a study of education in English prisons; with a foreword by Lord Birkett. Int. univ. press '58 p278-81

EDUCATION of women

Conference on the present status and prospective trends of research on the education of women. Rye, New York, 1957. Education of women; signs for the future; report; ed. by Opal D. David. Am. council on education '59 p 137-53

Noble, Jeanne L. Negro woman's college education. (Studies in education) Teachers college '56 p 145-50

Shinn, Anna Hazel. Study of social living in Catholic women's colleges in the United States. (Catholic univ. of Am. Educational research monographs, v22, no2) Catholic univ. of Am. press '59 p 143-51

United Nations educational, scientific and cultural organization. Women and education. (Problems in education, 5) The organization '53 incl bibliog

EDUCATION of workers

Barbash, Jack. Universities and unions in worker's education. Harper '55 p 193-7

Cook, Alice Hanson, and Douty, Agnes M. Labor education outside the unions; a review of postwar programs in western Europe and the United States. N.Y. state school of industrial & labor relations, Cornell univ. '58 p 143-8

International labor office. Library. Bibliography on workers' education. Bibliographie de l'éducation ouvrière. (Bibliog. contributions, no 11) The library '56 41p

International labor office. Library. Recent references on workers' education. Travaux récents sur l'éducation ouvrière. (Bibliog. reference list no87) The library '58 15p

EDUCATIONAL exchanges

Conference board of the associated research councils. Committee on international exchange of persons. Educational exchanges; aspects of the Am. experience; rep. of a conference sponsored by the Committee, Princeton, N.J., Dec. 2-4, 1954. Nat. research council '56 p71-2

United States. Office of education. Partial bibliography of materials related to international education, prepared by Thomas E. Cotner and John W. Grissom; rev. to July 1953, by Frank A. Knapp. Teacher programs branch, Div. of int. education '54 104p

EDUCATIONAL group work. See Group Work**EDUCATIONAL guidance**

Guidance and counseling; reviews the literature for the three-year period since Apr. 1954. R Educ Res 27:161-236 Ap '57

Guidance index. 1956[-1957] Science research associates '56-'57 2v annot

Guide to guidance; a sel. bibliog. of 1956 [-1958] pubs. of interest to deans, counselors, advisers, teachers, and administrators. (V 19-21) Syracuse univ. press '57-'59 3v annot

Selected references on guidance. Sch R 63: 349-54; 64:275-80 S '55, S '56 annot

See also

Personnel service in education

EDUCATIONAL laws and legislation

Garber, Lee Orville, and others. Law and the Ohio teacher; a handbk. for teachers, administrators, and school board members. Interstate '56 p79-81 annot

Garber, Lee Orville, and others. Law and the school business manager. Interstate '57 incl bibliog

Gauerke, Warren E. Legal and ethical responsibilities of school personnel. (Prentice-Hall education ser) Prentice-Hall '59 incl bibliog

Yearbook of school law, 1955[-1959] Garber '55-'59 5v 1955, p 113-21; 1956, p 119-26; 1957, p 155-60; 1958, p 175-80; 1959, p 173-81 annot

Young, R. J. Suggested basis for examining legal and regulatory requirements affecting curriculum. Educ Adm & Sup 43:415-17 N '57

EDUCATIONAL measurements

Adams, Georgia May (Wein) Sachs, and Torgerson, Theodore L. Measurement and evaluation for the secondary-school teacher, with implications for corrective procedures. (Dryden press professional bks. in education) Dryden '56 incl bibliog

Ahmann, J. Stanley, and Glock, Marvin D. Evaluating pupil growth. Allyn '58 p581-94

American council on education. Conclusions and recommendations on a study of the general educational development testing program, by the Com. on the evaluation of the Tyler fact-finding study of the Council; drawn from the fact-finding study, the testing program of the United States armed forces inst. by Ralph W. Tyler, as summarized by Thomas A. Kenefick. The council '56 p68-72

Baron, Denis, and Bernard, Harold W. Evaluation techniques for classroom teachers. (McGraw-Hill ser. in education) McGraw '58 incl bibliog annot

Bayley, N. and others. Educational measurements. R Educ Res 26:284-91 Je '56

Bradfield, James M. and Moredock, H. Stewart. Measurement and evaluation in education; an intro. to its theory and practice at both the elementary and secondary school levels. Macmillan '57 p462-92 annot

DeCosta, Frank Augustus, and others. Workshops in evaluation [the Phelps-Stokes fund project for the improvement of instruction in secondary schools] Morgan state college '58 p60-4

Educational and psychological testing; reviews the literature for the three-year period since Feb. 1953[-Feb. 1956] R Educ Res 26:1-109; 29:1-131 F '56, F '59

Educational testing service. Annotated bibliography on measurements and evaluation. (Evaluation and advisory service ser, no 1) The service '55 12p

Furst, Edward J. Constructing evaluation instruments. Longmans '58 incl bibliog

Gerberich, Joseph Raymond. Specimen objective test items; a guide to achievement test construction. Longmans '56 incl bibliog

Invitational conference on testing problems. New York, 1957. Improving the quality and scope of measurement; Arthur E. Traxler, chairman. Educational testing service '58 incl bibliog

Noll, Victor Herbert. Introduction to educational measurement. Houghton '57 incl bibliog annot

Remmers, Hermann Henry, and Gage, Nathaniel Lees. Educational measurement and evaluation. rev ed (Education for living ser) Harper '55 incl bibliog

Rothney, John W. M. Evaluating and reporting pupil progress. (What research says to the teacher 7) Dept. of classroom teachers, Am. educational research assn. '55 p32-3

Schwartz, Alfred, and others. Evaluating student progress in the secondary school. Longmans '57 p427-8

Thorndike, Robert Ladd, and Hagen, Elizabeth. Measurement and evaluation in psychology and education. Wiley '55 incl bibliog

Wandt, Edwin, and Brown, Gerald W. Essentials of educational evaluation. Holt '57 incl bibliog

See also

Ability—Testing
Intelligence tests
Tests and scales

EDUCATIONAL psychology

Archambault, R. D. Concept of need and its relation to certain aspects of educational theory. Harvard Educ R 27 no 1:61-2 Winter '57

Bills, Robert E. About people and teaching. (Bul. v28, no2) Bur. of school service, College of education, Univ. of Ky. '55 p75-7

EDUCATIONAL psychology—Continued

- Blackwell, Annie Margaret. List of researches in education and educational psychology, presented for higher degrees in the universities of the United Kingdom, Northern Ireland, and the Irish Republic from 1918 to 1948, classified according to a modification of the Dewey decimal system; with a foreword by Sir Fred Clarke. (Nat. foundation for educational research in England and Wales. Pubs, no 1) Newnes '50 173p
- Supplement no 1(-3) 1952 and 1953[-1956 and 1957] (Nat. foundation for educational research in England and Wales. Pubs, no7, 9, 11) Newnes '54-'58 3v
- Eells, W. C. American doctoral dissertations on educational psychology in foreign countries. J Educ Psychol 47:133-6 Mr '56
- Garrison, Karl Claudius, and Gray, John Stanley. Educational psychology. Appleton '55 incl bibliog
- Gates, A. I. and others. Educational psychology. R Educ Res 26:263-7 Je '56
- Haggard, E. A. Proper concern of educational psychologists. Am Psychologist 9:543 S '54
- Hough, W. M. Awards problem rests with each school. Nat Assn Sec Sch Prin Bul 39:99-101 N '55
- Jordan, Arthur Melville. Educational psychology; growth and learning. 4th ed Holt '56 incl bibliog
- Kaplan, Louis. Mental health and human relations in education. (Education for living ser) Harper '59 incl bibliog
- Kolesnik, W. B. Note on transfer of training research. Peabody J Ed 34:215-19 Ja '57
- Lindgren, Henry Clay. Educational psychology in the classroom. Wiley '56 incl bibliog
- Loree, M. Ray, ed. Educational psychology: readings, sup. text and study questions. Ronald '59 p394-413
- Lovell, Kenneth. Educational psychology and children; foreword by P. E. Vernon. 2d ed Philosophical lib. '59 p261-3
- Morse, William Charles, and Wingo, Glenn Max. Psychology and teaching; with an il. reference manual: Basic findings and concepts of general psychology. (Scott-Foresman professional ser; Educating America's children) Foresman '55 p489-94
- National society for the study of education. Committee on mental health in modern education. Mental health in modern education; ed. by Nelson B. Henry. (Nat. soc. for the study of education. Yearbk. 54, pt2) Univ. of Chicago press '55 incl bibliog
- New England school development council. Some basic educational principles and their application in early adolescence (grades 7,8,9) The council '56 p47-9
- Oeser, Oscar Adolf, ed. Teacher, pupil, and task: elements of social psychology applied to education; a practical manual for teachers. Tavistock pubs. '55 incl bibliog annot
- Olson, Willard Clifford. Psychological foundations of the curriculum. (Educational studies and docs, no26) UNESCO '57 p65-7
- Pressey, Sidney Leavitt, and others. Psychology in education [under the editorship of Gardner Murphy] Harper '59 incl bibliog
- Roth, Heinrich. Pädagogische psychologie des lehrens und lernens. Schroedel '57 incl bibliog
- Sawrey, James M. and Telford, Charles Witt. Educational psychology. Allyn '58 incl bibliog
- Seldman, Jerome M. Readings in educational psychology. Houghton '55 p383-92
- Selected references on educational psychology. Sch R 63:298-305; 64:233-8 My '55, My '56 annot
- Skinner, Charles Edward, ed. Educational psychology. 4th ed Prentice-Hall '59 incl bibliog
- Skinner, Charles Edward, ed. Essentials of educational psychology [by] Philip Lawrence Harriman [and others] (Prentice-Hall psychology ser) Prentice-Hall '58 incl bibliog
- Stephens, John Mortimer. Educational psychology; the study of educational growth. rev ed Holt '56 incl bibliog
- Stroud, James Bart. Psychology in education. Longmans '56 incl bibliog
- Thayer conference on the functions, qualifications, and training of school psychologists, West Point, New York, 1954. School psychologists at mid-century; a report; ed. by Norman E. Cutts. Am. psychological assn. '55 p213-23
- Thompson, George Greene, and others. Educational psychology. (Century psychology ser) Appleton '59 incl bibliog
- See also
- Attention
- Child psychology
- Intelligence tests
- Interest (psychology)
- Learning, Psychology of
- Reading, Psychology of
- EDUCATIONAL research**
- Best, John W. Research in education. Prentice-Hall '59 incl bibliog annot
- Boguslavsky, G. W. and others. Report on research in education; in Soviet Russia, in West Germany, in French speaking countries of Europe. Sch R 66:296-7, 311-12, 325-8 Autumn '58
- Clymer, T. Some current needs in educational research. Phi Delta Kappan 40:257 Mr '59
- Dressel, Paul Leroy. Research in general education instruction, 1955; a sel. and annot. bibliog. of research articles having implications for general education instruction. Assn. for higher education '55 21p
- Educational research in countries other than the U.S.A.; covers the period of 1950-1956. R Educ Res 27:1-159 F '57 incl bibliog
- Frankfurt am Main. Hochschule für internationale pädagogische forschung. Bibliothek. Literatur zum thema Schülerbeobachtung und schülerbeurteilung; stand: märz 1956. The library '56 15p
- Good, Carter Victor. Introduction to educational research. Appleton '59 incl bibliog
- Good, C. V. Educational research after fifty years. Phi Delta Kappan 37:151-2 Ja '56
- Hodgkinson, H. L. Action research—a critique. J Educ Sociol 31:150-3 D '57
- Methodology of educational research; reviews the literature since Dec. 1954. R Educ Res 27:421-610 D '57
- Research abstracts and bibliographies. See numbers of Journal of educational research thru May 1958
- Savage, William W. Consultative services to local school systems. (Studies in educational adm) Midwest adm. center, Univ. of Chicago '59 p73-4
- Seeger, Ruth Esther. Using library resources in educational research. Bur. of educational research, Ohio state univ. '57 p 19-26 annot
- Shumsky, Abraham. Action research way of learning; an approach to in-service education. (Columbia univ. Horace Mann-Lincoln inst. of school experimentation. Pubs) Teachers college '58 p207-10
- Travers, Robert M. W. Introduction to educational research. Macmillan '58 p449-56
- Twenty-five years of educational research. R Educ Res 26:199-344 Je '56 incl bibliog
- Virginia. Department of education. Cooperative program in educational research. (Va. State board of education. Bul. v38, no2) The department '55 225p
- EDUCATIONAL sociology**
- Banks, Olive. Parity and prestige in English secondary education; a study in educational sociology. (Int. lib. of sociology and social reconstruction) Routledge '55 p249-55
- Brim, Orville Gilbert. Sociology and the field of education. Russell Sage '58 p79-93
- Dahlke, H. Otto. Values in culture and classroom; a study in the sociology of the school. (Harper's social science ser) Harper '58 incl bibliog
- Iowa. Department of public instruction. Strengthening human values in our schools. The department '55 p61-3
- Mercer, Blaine E. and Carr, Edwin Remmen. Education and the social order. Rinehart '57 incl bibliog annot
- Rodehaver, Myles William, and others. Sociology of the school. Crowell '57 incl bibliog
- Rugg, Harold Ordway, and Withers, William. Social foundations of education. (Prentice-Hall education ser) Prentice-Hall '55 p728-45

EDUCATIONAL sociology—Continued

Social framework of education; reviews the literature for the three-year period since Feb. 1955. R Educ Res 28:1-76 F '58

Spindler, George D. ed. Education and anthropology; pref. by Lawrence K. Frank. Stanford univ. press '55 incl bibliog

EDUCATIONAL workshops

Spence, John A. Conference handbook; planning and conducting conferences, insts. short courses, workshops. (News letter, v37, no3) Univ. of Tenn. '58 p28-30

EDUCATORS

Château, Jean. ed. Les grands pédagogues, par J. S. Brubacher [et al] Presses univ. de France '56 incl bibliog

See also

Teachers

EDWARDS, Jonathan, 1703-1758

Edwards, Jonathan. Select works; with an account of his life by Iain H. Murray. Bible truth depot '58 p60-2

EEL grass

Cottam, C. and Munro, D. A. Eelgrass status and environmental relations. J Wildlife Mgt 18:459-60 O '54

EELS

Bertin, Léon. Eels; a biological study. Philosophical lib. '57 incl bibliog

EFFICIENCY, Industrial

Covert, L. L. Industrial productivity. Technical information service, Nat. research council, Canada '59 p 1-3 (at end)

Sprigel, William Robert, and Schulz, Edward. Elements of supervision; 2d ed. by [the auths. and] William B. Sprigel. Wiley '57 p335-40

Wolf, William B. Wage incentives as a managerial tool. Columbia univ. press '57 p 131-7

See also

Employees—Rating

Employees' representation in management

Foremen

Job analysis

Labor productivity

Motion study

Personnel management

Supervisory workers

Time study

Work measurement

EFFLORESCENCE

Stahmann, J. A. Vanadium-molybdenum staining on building products. Am Cer Soc Bul 34:140-4 My '55

EGG production. See Poultry—Egg production**EGGELING, Heinrich von, 1869-1954**

Herrlinger, R. Heinrich von Eggeling. Anat Anz 102:380-2 Ja '56

EGGS

Anderson, G. J. and others. Effect of high level vitamin supplementation of high and low energy rations on egg production and egg shell quality. Poultry Sci 36:1375-6 N '57

Dawson, Elsie Halstrom, and others. Cooking quality and flavor of eggs as related to candled quality, storage conditions, and other factors. (U.S. Dept. of agriculture. Agriculture information bul. no 164) U.S. Gov. ptg. office '56 p43-4

Kendeligh, S. C. and others. Variations in egg characteristics of the house wren. Auk 73:65 Ja '56

McLaren, Barbara Alberta, and Stadelman, William Jacob. Relationship among physical, functional, and flavor properties of eggs. (Technical bul. 14) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p30-1

Salem, H. and Reda, H. Calcium and phosphorus metabolism and egg shell formation in Egyptian birds. Poultry Sci 34:204-5 Ja '55

Slocum, Walter L. and Swanson, Howard S. Egg consumption habits, purchasing patterns and preferences of Seattle consumers. (Bul. 556) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p27-9

Winter, A. R. and others. Improving the keeping quality of eggs during marketing by hot oil treatment. Food Tech 8:517-18 N '54

Woods Hole, Massachusetts. Marine biological laboratory. Methods for obtaining and handling marine eggs and embryos [by] D. P. Costello [and others] The laboratory '57 incl bibliog

See also

Poultry—Egg production

Bacteriology

Brooks, J. Fluorescence of liquid egg. Food Tech 8:405, 409 S '54

Osborne, W. W. and others. Heat resistance of strains of salmonella in liquid whole egg, egg yolk, and egg white. Food Res 19:462-3 JI '54

Williams, I. L. and Yung, F. D. Effect of sweating on keeping quality of shell eggs. Food Res 20:225 My '55

Blood spots

Helbacka, N. V. L. and Swanson, M. H. Studies on blood and meat spots in the hen's egg. Poultry Sci 37:875-6, 885 JI '58

Composition

Hafez, E. S. E. and others. Egg components in the Fayomi fowl during the first laying year. Poultry Sci 34:409-10 Mr '55

Smith, A. H. and others. Composition of eggs from individual hens maintained under controlled environments. Poultry Sci 33:907-8 S '54

Grading and standardization

Sherwood, D. H. Factors affecting egg quality; a review. Poultry Sci 37:930-2 JI '58

Hatchability

Crittenden, L. B. and others. Genetic variance and covariance of the components of hatchability in New Hampshire. Poultry Sci 36:102-3 Ja '57

Davis, G. T. Influence of oxygen concentration on hatchability and on selecting for hatchability. Poultry Sci 34:113 Ja '55

Phosphorus content

Smith, A. H. and others. Transfer of phosphorus to the hen's egg, under controlled environment, as traced with radiophosphorus (P^{32}) Poultry Sci 33:918-19 S '54

EGGS, Dried

United States. Quartermaster food and container institute for the Armed forces, Chicago. Stability of dehydrated eggs; a symposium sponsored by the Institute [at the] Oriental inst. Univ. of Chicago, Feb. 12-13, 1953; ed. by Martin S. Peterson and Harry E. Goresline. (Surveys of progress on military subsistence problems; ser 1, Food stability, 3) Advisory board on quartermaster research & development, Com. on foods, Nat. acad. of sciences—Nat. research council '54 incl bibliog

EGG. See Self**EGRETS. See Herons****EGYPT**

Harris, George Lawrence, ed. Egypt; contributors: Moukhtar Ani [and others] (Country survey ser) Human relations area files '57 p354-65

Antiquities

Anthes, Rudolf, Mit Rahineh, 1955; with contributions by Hasan S. K. Bakry [and others] (Museum monographs) Univ. museum, Univ. of Pa. '59 p89-93

Bibliography: Graeco-Roman Egypt; Greek inscriptions 1954(1957) J Egypt Archaeol 41:131-40; 42:105-15; 43:101-9; 44:108-16 D '55, D '56, D '57, D '58 annot

Hayes, William Christopher. Scepter of Egypt; a background for the study of the Egyptian antiquities in the Metropolitan museum of art. Harper; Harvard univ. press '53-'59 2v v 1, p355-74; v2, p437-58

Civillization

Lange, Kurt, and Hirmer, Max. Egypt; architecture, sculpture, painting in three thousand years [tr. from the first German ed. by R. H. Boothroyd] Phaidon '56 p360-2

Lange, Kurt, and Hirmer, Max. Aegypten; architektur, plastik, malerei in drei jahrtausenden. 2d ed Hirmer verlag '57 p96-7

EGYPT—Civilization—Continued

Noerdlinger, Henry S. Moses and Egypt; the documentation to the motion picture *The Ten commandments*; with an introd. by Cecil B. deMille. Univ. of Southern Calif. press '56 p 171-5

Economic conditions

Issawi, Charles Philip. *Egypt at mid-century, an economic survey.* rev ed Oxford '54 p277-82

History

Elton, Godfrey Elton, 1st baron. Gordon of Khartoum; the life of General Charles George Gordon. Knopf '55 p372-6
Lacouture, Jean, and Lacouture, Simone. *Egypt in transition*; tr. by Francis Scarfe. Criterion '58 p519-21

Social conditions

Issawi, Charles Philip. *Egypt at mid-century, an economic survey.* rev ed Oxford '54 p277-82

EGYPTIAN hieroglyphics. See Egyptian language—Writing. Hieroglyphic

EGYPTIAN language

Grammar

Gardiner, Sir Alan Henderson. *Egyptian grammar*; being an introd. to the study of hieroglyphs. 3d rev ed Oxford '57 p xxi-xxix

Writing, Hieroglyphic

Gardiner, Sir Alan Henderson. *Egyptian grammar*; being an introd. to the study of hieroglyphs. 3d rev ed Oxford '57 p xxi-xxix

EGYPTOLOGY

International association of Egyptologists. *Annual Egyptological bibliography, 1954* [1-1957] (V8-11) Brill '55-'58 4v annot

EICHENDORFF, Joseph Karl Benedikt, freiherr von, 1788-1857

Eichendorff-bibliographie, 1945-1951/52[1956-58] und nachträge. *Aurora* 13:77-82; 14:107-18; 15:91-4; 16:97-100; 17:107-10; 19:81-90 '55-'59

EIGHTEENTH century

Goldberg, Milton Allan. *Smollett and the Scottish school*; studies in 18th cent. thought. Univ. of N.Mex. press '59 p 187-91

International bibliography to eighteenth-century art. *Connoisseur* 135:opp52 Mr '55

Palmerston, Henry Temple, 2d viscount. *Portrait of a golden age* [his] intimate papers; comp. and ed. by Brian Connell. Houghton '58 p466-75

EINAUDI, Luigi, 1874-

Parravicini, Giannino. *Scritti nei quali si fa riferimento al pensiero economico di Luigi Einaudi e recensioni di sue opere.* Tip. della Banca d'Italia '54 158p

EINSTEIN, Albert, 1879-1955

Pantaleo, Mario, ed. *Cinquant'anni di relatività, 1905-1955; le memorie fondamentali di Albert Einstein e il valore delle teorie relativistiche sotto l'aspetto fisico, matematico, astronomico e filosofico, negli scritti originali di eminenti scienziati italiani*; pref. di Albert Einstein. Editrice universitaria '55 p613-23

Seelig, Carl. *Albert Einstein; eine dokumentarische biographie.* Europa verlag '54 p261-94

Tonnelat, Marie Antoinette. *La théorie du champ unifié d'Einstein et quelques-uns de ses développements*; préf. d'André Lichnerowicz. (Les grands problèmes des sciences, 4) Gauthier-Villars '55 p 145-51

Whittaker, E. Albert Einstein, 1879-1955. (In *Royal society of London. Biographical memoirs of fellows of the Royal society, 1955.* The society '55 p60-7)

EINSTEIN unified field theory. See Relativity (physics)

ELAMITE language

Paper, Herbert Harry. *Phonology and morphology of royal Achaemenid Elamite.* Univ. of Mich. press '55 p 112-19

ELASTIC plates and shells

Függe, Wilhelm. *Statik und dynamik der schalen.* 2d rev ed Springer '57 p273-83

ELASTIC waves

Ewing, William Maurice, and others. *Elastic waves in layered media.* (Columbia univ. Lamont geological observatory. Contribution no 189; McGraw-Hill ser. in the geological sciences) McGraw '57 incl bibliog

ELASTICITY

Applied mechanics review. Am. soc. of mechanical engineers. See numbers

Bisplinghoff, R. L. Some structural and aeroelastic considerations of high-speed flight. *J Aero Sci* 23:320-1 Ap '56

Elasticity and plasticity, by J. N. Goodier [and] P. G. Hodge. (Surveys in applied mathematics, 1) Wiley '58 p45-7, 128-44

Hu, H. C. On some variational principles in the theory of elasticity and the theory of plasticity. *Scientia Sinica* 4:53-4 Mr '55

Procter, A. N. Elastic materials under axial loading. *Franklin Inst J* 265:142-3 F '58

Sheng, P. L. Secondary elasticity, a general mathematical theory of elastic secondary stress in continuous media. (Monograph ser, no 1) Chinese assn. for the advancement of science '55 p 136-8

Shuleshko, P. New method of solving eigenvalue problems. *Australian J Ap Sci* 8:25-6 Mr '57

Wood, L. A. Elasticity of rubber. *Wash Acad Sci J* 47:297-9 S '57

See also

Aeroelasticity

Photoelasticity

Plasticity

Strains and stresses

ELASTOMERS

United States. Office of naval research. Joint army-navy-air force conference on elastomer research and development, the Pentagon, January 11-12, 1956. (ONR symposium rep. ACR-4) The office '56 incl bibliog

ELBOW

Surgery

Wustmann, Otto. *Die chirurgie des ellbogengelenkes. (Chirurgie in einzeldarstellungen, v58)* De Gruyter '54 p284-325

ELEATICS

Schwabl, H. *Die Eleaten (Xenophanes, nachtrag zu Parmenides, Melissos)* 1939-1956 (1957) *Anz Altertumsw* 10:col 195-226 O '57

ELECTION districts

See also Apportionment (election law)

ELECTION law

Germany

Schilfert, Gerhard. *Sieg und niederlage des demokratischen wahrenrechts in der deutschen revolution 1848/49.* Rütten & Loening '52 p322-36

ELECTIONS

Mackenzie, William James Millar. *Free elections*; an elementary textbook. (Minerva ser. of students' handbks) Rinehart '58 p 177-80 annot

See also

Proportional representation

Suffrage

Voting

Durham, England (county)

Klieneberger, H. R. *Durham elections*; a list of material relating to parliamentary elections in Durham, 1675-1874. (Pub. no2) Lib, Durham univ. '56 47p

France

Davis, M. *French electoral sociology.* Pub Opinion Q 22:35-55 Spring '58 annot

Stoetzel, J. *Conference of the British sociological association, 1955; Voting behaviour in France.* *Brit J Sociol* 6:110-11 Je '55

India

Poplai, Sundar Lal, ed. *National politics and 1957 elections in India*; foreword by V. K. N. Menon. Metropolitan bk. co. '57 p 169-72

United States

See also

Presidents—United States—Election

ELECTRIC analogies. See Aerodynamics—Electric analogies; Mechanics—Electric analogies

ELECTRIC apparatus and appliances

Axworthy, F. R. *Industrial electrical measuring instruments.* Inst Elec Eng Proc 105: 413-14 S '58

Gay, Charles Merrick, and Fawcett, Charles DeVan. *Mechanical and electrical equipment for buildings*; 3d ed by [the authors] and William J. McGuinness. Wiley '55 incl bibliog

ELECTRIC apparatus and appliances—Cont.

Hagenguth, J. H. High-voltage testing techniques. *Elec Eng* 78:594-5 My '59

See also

Electric capacitors
Electric rectifiers
Electric resistors
Electric switches
Induction coils
Reactors
Recording instruments
Spark plugs
Storage batteries
Voltage regulators

ELECTRIC arc

Electrochemical society. Electrothermics and metallurgy division. Arcs in inert atmospheres and vacuum; papers presented at the symposium on arcs in inert atmospheres and vacuum of the Division, Apr. 30 and May 1, 1956, San Francisco, Calif; ed. by W. E. Kuhn. (Electrochemical soc. ser) Wiley '56 incl bibliog

Morris, A. D. and Gore, W. C. Analysis of the direct-current arc. *Welding J* 35:sup 160 Mr '56

ELECTRIC batteries

Morehouse, C. K. and others. Batteries. *Inst Radio Eng Proc* 46:1481-3 Ag '58

See also

Storage batteries

ELECTRIC cables

Akron. University. Rubber division. Library. Continuous vulcanization of extrusions for wire and cable. (Bibliog. no26) The library '56 12p annot

Ekberg, Stellan. Mathematical analysis of coaxial cables. (Stockholm. Tekniska högskolan. Handlingar, no 107) Elanders '56 p 114

See also

Cables. Submarine

ELECTRIC capacitors

Bibliography on power capacitors, 1954-1956. *Power Apparatus & Systems* 38:666-9 O '58

ELECTRIC circuit breakers

Christie, J. and others. Proving the performance of circuit-breakers, with particular reference to those of large breaking capacity. *Inst Elec Eng Proc* 102:706-7 D '55

Flurscheim, C. H. Switchgear. *Inst Elec Eng Proc* 103 ptA:260-2 Je '56

Thorén, H. Bertil. Synthetic methods for interruption tests on circuit-breakers. (Stockholm. Tekniska högskolan. Handlingar, no87) Elanders boktr. '55 p57-60

ELECTRIC circuits

Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on nonlinear circuit analysis; ed. by Jerome Fox. (Symposia ser, v2) The institute '53 incl bibliog

Kretzmann, Reinhard. Industrial electronics circuits; tr. by D. J. Mitchell. (Philips' gloeilampenfabrieken, N.V. Eindhoven. Technical lib. Misc. ser) Philosophical lib. '57 p 189-90

Reviews of current literature. See numbers of Institute of radio engineers. Transactions on circuit theory annot

Roth, J. P. Algebraic topological methods for the synthesis of switching systems. *Am Math Soc Trans* 88:326 J1 '58

Stewart, John L. Circuit theory and design. Wiley '56 p468-74 annot

Transactions of the 1959 International symposium on circuit and information theory, Los Angeles, California, June 16-18, 1959. *Inst Radio Eng Trans CT-6 sup:1-298 My '59* incl bibliog

See also

Electronic circuits

ELECTRIC coils

See also

Radio coils

ELECTRIC communication. See Telecommunication**ELECTRIC condensers. See Electric capacitors****ELECTRIC conductivity**

Kuper, C. G. Theory of superconductivity. *Advances Phys* 8:40-4 Ja '59

Madelung, O. Der leitungsmechanismus in homöopolaren halbleitern. *Ergeb Exakt Naturw* 27:117-24 '53

See also

Dielectrics
Electrolytes
Photoconductivity

ELECTRIC conductors

Aluminum company of America. Alcoa aluminum bus conductor handbook. The company '57 p249-58

House, H. E. and Tuttle, P. D. Current-carrying capacity of ACSR. *Power Apparatus & Systems* no40:1173 F '59

Lewis, W. A. and Tuttle, P. D. Resistance and reactance of aluminum conductors, steel reinforced. *Power Apparatus & Systems* no40:1214 F '59

Semiconductors

Battelle memorial institute. Abstracts of the literature on semiconducting and luminescent materials and their applications, 1954[-1956] (V2-4) Wiley '55-'59 3v annot annot

Bemski, G. Recombination in semiconductors. *Inst Radio Eng Proc* 46:1002-4 Je '58

Busch, G. and Winkler, U. Bestimmung der charakteristischen grössen eines halbleiters aus elektrischen, optischen und magnetischen messungen. *Ergeb Exakt Naturw* 29:202-7 '56

Conference on the physics of semiconductor surfaces. Semiconductor surface physics; ed. by R. H. Kingston [and others]; proceedings of the Conference held at Philadelphia, June 4-6, 1956] Univ. of Pa. press '57 incl bibliog

Crow, Leonard Roy. Metallic rectifiers; principles and applications. (Photofact pub. MRC-1) Sams '57 p271-6

Duffy, J. J. and Spatz, S. Static switching today. *Elec Manuf* 63:168-9 My '59

Dunlap, William Crawford. Introduction to semiconductors. Wiley '57 incl bibliog

Goudet, Georges, and Meuleau, C. Semiconductors; their theory and practice; with a pref. by E. M. Deloraine; tr. by G. King. Essential bks. '57 incl bibliog

Hannay, Norman Bruce. Semiconductors. (Am. chemical soc. Monographs ser, no 140) Reinhold '59 incl bibliog

Hibberd, R. G. Transistors and associated semiconductor devices. *Inst Elec Eng Proc* 106 ptB:278 My '59

Madelung, O. Der leitungsmechanismus in homöopolaren halbleitern. *Ergeb Exakt Naturw* 27:117-24 '53

Matz, A. W. Thermal turnover in germanium P-N junctions. *Inst Elec Eng Proc* 104 pt B:563 N '57

Millman, Jacob. Vacuum-tube and semiconductor electronics. (McGraw-Hill electrical and electronic engineering ser) McGraw '58 incl bibliog

Newmarket transistor company, limited. Fifteen years of semiconducting materials and transistors; a bibliog. comp. by N. L. Meyrick. 2d ed The company '58 75p

Pearson, G. L. and Brattain, W. H. History of semiconductor research. *Inst Radio Eng Proc* 43:1804-6 D '55

Van Vliet, K. M. Noise in semiconductors and photoconductors. *Inst Radio Eng Proc* 46:1017-18 Je '58

ELECTRIC contacts

American society for testing materials. Committee B-4 on metallic materials for electrical heating, electrical resistance, and electrical contacts. 1952 and 1953[-1958] supplements to the Bibliography and abstracts on electrical contacts. (Special technical pub. no56-H-56-M) The association '54-'59 6v

Holm, Ragnar, and Holm, Else. Electric contacts handbook; 3d completely rewritten ed. of Die technische physik der elektrischen kontakte. Springer '58 p483-513

ELECTRIC controllers

See also

Electric resistors

ELECTRIC current rectifiers. See Electric rectifiers**ELECTRIC current stabilizers**

Jervis, M. W. Precision direct-current stabilizer. *Inst Elec Eng Proc pt B* 102:277 My '55

ELECTRIC currents

Rüdenberg, Reinhold. Elektrische schaltvorgänge in geschlossenen stromkreisen von starkstromanlagen. 4th enl ed Springer '53 p556-94

See also

Transients (electricity)

Grounding

Voltage gradients through the ground under fault conditions. *Power Apparatus & Systems* 38:684-5 O '58

ELECTRIC currents—Grounding—Continued

Willheim, Raoul, and Waters, Malcolm. Neutral grounding in high-voltage transmission; with an introd. by R. Rüdenberg. Elsevier '56 incl bibliog

ELECTRIC discharges

Foulds, K. W. H. Resonant-cavity measurements of the relative permittivity of a d.c. discharge. *Inst Elec Eng Proc* 102:566-7 J '55

Saxe, R. F. and Meek, J. M. Initiation mechanism of long sparks in point-plane gaps. *Inst Elec Eng Proc* 102:671 O '55

See also

Corona (electricity)

ELECTRIC discharges through gases

Loeb, Leonard Benedict. Basic processes of gaseous electronics. Univ. of Calif. press '55 incl bibliog

Penning, Frans Michel. Electric discharges through gases; tr. by A. F. Monypenny. (Philips' gloeilampen-fabrieken, N.V. Eindhoven. Technical lib. Misc. ser) Macmillan '57 p69-71

ELECTRIC distribution

Balabanian, Norman. Network synthesis. (Prentice-Hall electrical engineering ser) Prentice-Hall '58 p423-30

Birkhoff, G. and Diaz, J. B. Non-linear network problems. *Q Ap Math* 8:443 Ja '56
Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on modern network synthesis; sponsored by the Institute, in cooperation with the Inst. of radio engineers professional group on circuit theory [and others] Apr. 13, 14, 15, 1955; ed. by Jerome Fox. (Symposium ser, v5) The institute '56 incl bibliog

Henkler, Otto, ed. Übertragungstechnik im fernmelde-verkehr. Verlag Technik '56 3v v3, p 1012-47

King, Ronald Wyeth Percival. Transmission-line theory. McGraw '55 p494-500

Pfedorf, Gerhard Kurt Martin. Survey of literature on high voltage engineering and allied subjects, 1935-53. (Memoirs, new ser, no 1) Indian inst. of science '54 206p

Reza, F. Some topological considerations in network theory. *Inst Radio Eng Trans* CT-5:41-2 Mr '58

Roth, J. P. Application of algebraic topology: Kron's method of tearing. *Q Ap Math* 17: 23-4 Ap '59

Ryle, P. J. Transmission and distribution at 66kV and over; overhead lines. *Inst Elec Eng Proc* 105:515-16 O '58

Seshu, Sundaram, and Balabanian, Norman. Linear network analysis. Wiley '59 p561-4

Tuttle, David F. Network synthesis. Wiley '58 p 1151-63

Working group report on mobile substations: their use and the design of distribution substations to facilitate their use. *Power Apparatus & Systems* no36:199-200 Je '58

See also

Electric transmission

ELECTRIC engineering

Aluminium development association. Symposium on aluminium and its alloys in electrical engineering; convened by the Association and held at the Inst. of electrical engineers, London, May 16 and 17, 1957. The association '57 incl bibliog

Bolinder, E. F. Survey of the use of non-Euclidean geometry in electrical engineering. *Franklin Inst* J 265:184-6 Mr '58

La Pierre, Walter. Introduction to electrical engineering. college ed Harper '56 incl bibliog

Library association. County libraries section. Electrical engineering. (Readers' guide, new ser, no29) The association '55 35p

Nau, Robert H. Basic electrical engineering. Ronald '58 p420-4

Obrąpalski, Jan. Gospodarka energetyczna. Państwowe wydawn. techniczne '53 incl bibliog

Science abstracts; issued by the Inst. of electrical engineers, and the Physical soc. of London. See numbers

See also

Electric machinery

Radio engineering

Bibliography

Milek, J. T. Abstracting and indexing services in electronics and related electrical fields. *Am Doc* 8:5-21 Ja '57 annot

Periodicals

Clément, Jules. Catalogue collectif des périodiques relatifs à l'électrotechnique existant dans les principales bibliothèques spécialisées de Belgique. (Bibliog. belgica, 33) Comm. belge de bibliog. '58 43p

Safety measures

Swann, Herbert William. Electrical safety. Philosophical lib. '59 incl bibliog

ELECTRIC filters

Mertens, Lawrence Edwin. Utilization of a priori knowledge in the design of optimum filters. Engineering products div, Radio corp. of Am. '55 p83-5

ELECTRIC fishing. See Fishing—Implementation and appliances

ELECTRIC furnaces

Mainardis, Mario. I forni elettrici e le industrie elettrosiderurgiche, elettrometallurgiche, elettrochimiche, elettrotermiche, elettrolitiche. 3d ed (Biblioteca tecnica) Hoepli '53 p683-5

ELECTRIC generators

Floyd, G. D. and Sills, H. R. Evolution of the modern waterwheel generator in Canada. *Power Apparatus & Systems* 35:16 Ap '58

ELECTRIC heating

Humphreys, O. W. and Smith, R. Electrical process heating. *Inst Elec Eng Proc* 104 pt A:466 O '57

See also

Electric furnaces

ELECTRIC industries

See also

Electrochemistry

ELECTRIC instruments

See also

Telemetering

ELECTRIC insulation. See Insulation (electric)

ELECTRIC lamps, Fluorescent

Barr, A. C. and Karash, W. J. Design of high-output fluorescent lamps. *Illum Eng* 50:13 Ja '55

ELECTRIC lines

Bellasci, P. L. Rationalization of electrical clearances at EHV's 230 kv to 460/500 kv. *Elec Eng* 78:663 Je '59

See also

Electric cables

Overhead

Rusck, Sune. Induced lightning over-voltages on power-transmission lines with special reference to the over-voltage protection of low-voltage networks. (Stockholm. Tekniska högskolan. Handlingar, no 120) Lindstahl '58 p 115-16

Underground

Edison electric institute, New York. Transmission and distribution committee. Underground systems reference book. (Pub. no55-16) The institute '57 incl bibliog

ELECTRIC logging. See Petroleum—Well logging

ELECTRIC machinery

Kimbark, Edward Wilson. Power system stability; v3, Synchronous machines. Wiley '56 incl bibliog

Ku, Yü-hsiu. Electric energy conversion. Ronald '59 incl bibliog

Liwschitz-Garik, Michael, and Whipple, Clyde C. Direct-current machines. 2d ed Van Nostrand '56 p301-3

Verband deutscher elektrotechniker. Wissenschaftlicher ausschuss. Sonderbauformen elektrischer maschinen; nach vorträgen einer VDE-fachtagung in Bad Dürkheim (Pfalz) am 1. und 2. Okt. 1957. (VDE-buchreihe, v 1) VDE-verlag '58 incl bibliog

ELECTRIC measurements

Axworthy, F. R. Industrial electrical measuring instruments. *Inst Elec Eng Proc* 105: 413-14 S '58

Brezinšcak, Marijan. Mjerni sistemi elektrotehnike. (Industrijska biblioteka) Tehnička knjiga '51 incl bibliog

Busch, G. and Winkler, U. Bestimmung der charakteristischen grössen eines halbleiters aus elektrischen, optischen und magnetischen messungen. *Ergeb Exakt Naturw* 29: 202-7 '56

Horák, Josef. Elektronické měření. Státní nakl. technické literatury '54 p350-5

International symposium on precision electrical measurements, National physical laboratory, Teddington. Precision electrical measurements. Philosophical lib. '56 incl bibliog

ELECTRIC measurements—Continued

Kinnard, Isaac Fern. Applied electrical measurements; contributors: F. E. Arnold [and others] (General electric ser. written for the advancement of engineering practice) Wiley '56 incl bibliog

Michels, Walter Christian. Electrical measurements and their applications. Van Nostrand '57 incl bibliog

Stanek, Josef. Technik elektrischer messgeräte. Verlag Technik '57 p486-91

See also

Dielectric constants

Electric meters

Electronic measurements

Radio measurements

ELECTRIC meters

Pflier, Paul Martin. Elektrizitätszähler: tarifgeräte, messwandler, schaltuhren; ein buch für zählerfachleute. Springer '54 p357-61

See also

Voltmeters

ELECTRIC motors, Synchronous

Voipio, Erkki. Influence of magnetic saturation on transients and voltage regulating properties of synchronous alternators, with special reference to large capacitive loads. (Stockholm. Tekniska högskolan. Handlingar, no93) Elanders boktr. '55 p 121-6 annot

ELECTRIC musical instruments. *See* Musical instruments, Electric

ELECTRIC networks. *See* Electric distribution

ELECTRIC plants

Golding, E. W. Generation of electricity by wind power. Philosophical lib. '56 incl bibliog

Kirschmayer, Leon K. Economic operation of power systems. (General electric ser) Wiley '58 incl bibliog

See also

Hydroelectric plants

ELECTRIC power

Bouchayer, François. Les pionniers de la houille blanche et de l'électricité; préf. de Raoul Blanchard. Librairie Dollaz '54 p 131-2

Great Britain. Department of scientific and industrial research. Fuel abstracts. The department. *See* numbers

London. Science museum. Science library. References to the use of geothermic power, 1928-1953. (Bibliog. ser, no730) The library '55 2p

Yugoslavia. Savet za energetiku i ekstrakativnu industriju. Katalog knjiga i časopisa. The council '50 38p

ELECTRIC power distribution. *See* Electric distribution

ELECTRIC power plants. *See* Electric plants

ELECTRIC reactors. *See* Reactors

ELECTRIC rectifiers

Benton, Mildred Catherine. Grid-controlled rectifiers; an annot. bibliography. (Bibliog. no 12) U.S. Naval research laboratory '57 88p

Kinman, T. H. and others. Germanium and silicon power rectifiers. Inst Elec Eng Proc 103:102 Ap '56

ELECTRIC relays. *See* Relays

ELECTRIC resistance

See also

Electrolytes

ELECTRIC resistors

Dummer, Geoffrey William Arnold. Fixed resistors. (Radio and electronic components, v 1) Pitman '56 p 140-57

Howes, J. W. Characteristics and applications of thermally sensitive resistors, or thermistors. Elec Com 32:109-11 Je '55

Patrick, K. R. Thermistors. Electronic & Radio Eng 35:249 Jl '58

See also

Electrodes

ELECTRIC shock

MacLachlan, Wills. List of articles, books and reports on electric shock and correlated subjects. The author '56 98p

ELECTRIC spark

See also

Electric arc

ELECTRIC switches

Flurschheim, C. H. Switchgear. Inst Elec Eng Proc 103 ptA:260-2 Je '56

Peek, Robert Lee, and Wagar, H. N. Switching relay design. (Bell laboratory ser) Van Nostrand '55 incl bibliog

Slamecka, E. Das schalten kleiner ströme. AEG Mitt 47:264 Jl '57

ELECTRIC transformers

American standards association. American standard requirements, terminology, and test code for instrument transformers. The association '55 p61-2

Dewsnap, G. C. and Williams, E. G. Investigation of fault detection methods for the impulse testing of transformers. Inst Eng Australia J 29:318-19 D '57

Franklin, E. B. Sealed transformers. Inst Elec Eng Proc 102:270-1 Je '55

Küchler, Rudolf. Die transformatoren; grundlage für ihre berechnung und konstruktion. Springer '56 p312-18

Norris, E. T. Mechanical strength of power transformers in service. Inst Elec Eng Proc 104:299-300 Ag '57

Norris, E. T. Transformers, regulators and reactors. Inst Elec Eng Proc 105:248-9 Je '58

See also

Electronic transformers

ELECTRIC transients. *See* Transients (electricity)

ELECTRIC transmission

Ryle, P. J. Transmission and distribution at 66kV and over; overhead lines. Inst Elec Eng Proc 105:515-16 O '58

ELECTRIC utilities

United States

Bozell and Jacobs, incorporated. Fact finder of the electric companies public information program. 1956 rev ed The company '56 p 151-68

Gaywood, Russell E. Electric utility rate economics. McGraw '56 p224-9

ELECTRIC wave filters. *See* Electric filters

ELECTRIC waves

Primich, R. I. General experimental method to determine the properties of artificial media at centimetre wavelengths, applied to an array of parallel metallic plates. Inst Elec Eng Proc 102:34-5 Ja '55

See also

Microwaves

Radio waves

Wave guides

Diffraction

Franz, Walter. Theorie der beugung elektromagnetischer wellen. (Ergebnisse der angewandten mathematik, 4) Springer '57 p 110-21

ELECTRIC welding

Resistance welder manufacturers' association. Resistance welding manual; ed. by E. J. del Vecchio. 3d ed The association '56 p306-52

ELECTRIC wire

Akron. University. Rubber division. Library. Continuous vulcanization of extrusions for wire and cable. (Bibliog. no26) The library '56 12p annot

ELECTRIC wiring

See also

Lightning arresters

ELECTRICITY

Panofsky, Wolfgang Kurt Hermann, and Phillips, Melba (Newell). Classical electricity and magnetism. (Addison-Wesley ser. in advanced physics) Addison-Wesley '55 p391-3 annot

See also

Atmospheric electricity

Corona (electricity)

Dielectrics

Electrons

Lightning

Magnetism

Pyro- and piezo-electricity

Radioactivity

Thermoelectricity

Study and teaching

Pennsylvania. Department of public instruction. Electricity as an area of industrial arts instruction in Pennsylvania public schools. (Bul. 331C) The department '54 p51-61

ELECTRICITY, Injuries from
Koeppen, Siegfried. Klinische elektropathologie. (Arbeit und gesundheit, no55) Thieme '55 p 135-6, 399-414

See also

Electric shock

ELECTRICITY in agriculture

Hienton, Truman Edward, and others. Electricity in agricultural engineering. (Ferguson foundation agricultural engineering ser) Wiley '58 incl bibliog

ELECTRICITY in mining

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Elektrická výstroj doh nebezpečných důlními plyny, 1948-1955; sest. Jaroslav Rydl. (Pub. Ser 2, no 177) The library '55 13p

ELECTROACOUSTICS

Reichardt, Walter. Grundlagen der elektroakustik. 2d rev ed Akademische verlagsgesellschaft '54 p518-28

ELECTROCARDIOGRAPHY

Goldman, Mervin Jack. Principles of clinical electrocardiography. 2d ed Lange medical '58 p337-8

Katz, Louis Nelson, and Pick, Alfred. Clinical electrocardiography; v 1, Arrhythmias, with an atlas of electrocardiograms. Lea '56 incl bibliog

Kossmann, Charles E. ed. Advances in electrocardiography; contributors: Adolph R. Berger [and others] Grune '58 incl bibliog
Lepeschkin, Eugen. Das elektrokardiogramm. ein handbuch für theorie und praxis; hrsg. nach der englischen ausgabe von Felix P. N. Schennetten. 3d ed rev. (Kreislauf-bücherl. v7) Steinkopf '57 p513-722

Rasch, P. J. and others. Electrocardiographic study of United States Olympic free style wrestlers. Res Q 29:52-3 Mr '58

Sigler, Louis Harry. Electrocardiogram; its interpretation and clinical application. 2d ed rev Grune '57 incl bibliog
Sodi Pallares, Demetrio. New bases of electrocardiography; with the collaboration of Royall M. Calder, ed, English translation. Mosby '56 p688-720

ELECTROCHEMICAL analysis

DeFord, D. D. Electroanalysis. Anal Chem 28:664-6 Ap '56

DeFord, D. D. and Bowers, R. C. Electroanalysis and coulometric analysis. Anal Chem 30:618-19 Ap '58

Strain, H. H. and Sato, T. R. Chromatography and electrochromatography. Anal Chem 28:693-4 Ap '56

Tödt, Fritz, and others. Elektrochemische sauerstoffmessungen; konzentrationsmessungen oxydierender und reduzierender stoffe durch galvanische modellelemente; mit einem geleitwort von Max Pfender. De Gruyter '58 incl bibliog

See also

Polarograph and polarography

ELECTROCHEMISTRY

Murphy, Nelson Francis and Doumas, Basil Constantinos. Electrochemical preparation of lead chromate using alternating current superimposed on direct current. (Bul. no 108) Va. Engineering experiment station '56 p21-3

Murphy, Nelson Francis and Doumas, Basil Constantinos. Electrochemical preparation of lead chromate using periodically reversed direct current. (Bul. no104) Va. Engineering experiment station '55 p25-6

Potter, Edmund Clarence. Electrochemistry. principles & applications. Macmillan '56 p409-10

Shedlovsky, Theodore, ed. Electrochemistry in biology and medicine. (Electrochemical soc. ser) Wiley '55 incl bibliog

See also

Electrochemical analysis

Electrolysis

Electroplating

ELECTRODEPOSITION of metals

Campbell, Thomas T. and Jones, A. Survey of the literature on the electrodeposition of molybdenum. (Information circ. 7723) U.S. Bur. of mines '55 6p

Mattsson, Einar. Electrode process in metal deposition from aqueous solutions. (Stockholm. Tekniska högskolan. Handlingar, no96) Elanders boktr. '55 p53-6

See also

Electroplating

ELECTRODES

Poehler, Horst Albin. Influence of the core material on the thermionic emission of oxide cathodes. The author '51 p31-2

Vajda, G. Influence of the material properties of electrodes upon the breakdown potential. Acta Tech 21 no 1-2:168-70 '58

ELECTRODIAGNOSIS

Licht, Sidney Herman, ed. Some clinical applications of electroneurophysiology, especially electrodiagnosis and electromyography. (Physical medicine lib, v 1) Elizabeth Licht '56 incl bibliog

See also

Diagnosis, Radioscopic

Electrocardiography

Electroencephalography

ELECTRODYNAMICS

Dungey, James Wynne. Cosmic electrodynamics. (Cambridge monographs on mechanics and applied mathematics) Cambridge '58 p 175-82

Källén, G. Consistency problems in quantum electrodynamics. CERN 57-43:37-8 Ag '57

See also

Wave mechanics

ELECTROENCEPHALOGRAPHY

Mundy-Castle, A. C. Electrophysiological correlates of intelligence. J Personality 26: 197-9 Je '58

Robertson, Edward Graeme. Pneumoencephalography. Thomas '57 p465-70

ELECTROLUMINESCENCE. See Luminescence

ELECTROLYSIS

Manger, Maryland, and Stevens, Robley D. How to be a successful electrologist. Humphries '57 p45-6

See also

Electrolytes

ELECTROLYTES

Bland, John Hardesty. Clinical recognition and management of disturbances of body fluids. 2d ed Saunders '56 incl bibliog

Shanes, Abraham Morris, ed. Electrolytes in biological systems, incorporating papers presented at a symposium at the Marine biological laboratory in Woods Hole, Mass., on Sept. 8, 1954. Am. physiological soc. '55 incl bibliog

Statland, Harry. Fluid and electrolytes in practice. Lippincott '54 p 183-95

ELECTROLYTIC polishing. See Grinding and polishing, Electrolytic

ELECTROMAGNETIC theory

Rose, Morris E. Multiple fields. (Structure of matter ser) Wiley '55 p95-6

ELECTROMAGNETIC waves. See Electric waves

ELECTROMAGNETISM

Bardell, P. R. Magnetic materials in the electrical industry. Philosophical lib. '55 incl bibliog

Lehnert, Bo, ed. Electromagnetic phenomena in, cosmical physics. (Int. astronomical union. Symposium no6) Cambridge '58 incl bibliog

London. Science museum. Science library. Some references to electromagnetic flow meters. (Bibliog. ser, no763) The library '58 2p

Moon, P. and Spencer, D. E. Electromagnetic induction. Franklin Inst J 260:226 S '55

Seely, Samuel. Introduction to electromagnetic fields. (McGraw-Hill electrical and electronic engineering ser) McGraw '58 p303-4

Wilcox, C. H. Debye potentials. J Math & Mech 6:200-1 Mr '57

ELECTROMECHANICAL analogies. See Mechanics—Electric analogies

ELECTROMETALLURGY

Electrochemical society. Electrothermics and metallurgy division. Vacuum metallurgy; papers presented at the vacuum metallurgy symposium of the Society, Oct. 6 and 7, 1954, Boston. The society '55 incl bibliog

Mainardis, Mario. I fornì elettrici e le industrie elettrosiderurgiche, elettrometallurgiche, elettrochimiche, elettrotermiche, elettrolitiche. 3d ed (Biblioteca tecnica) Hoepli '53 p683-5

See also

Electrodeposition of metals

Electroplating

Vacuum metallurgy

ELECTROMYOGRAPHY. See Myography

ELECTRON microscope

American society for testing materials. Symposium on advances in electron metallography; presented at the 61st annual meeting, Boston, Mass., June 24, 1958. (Special technical pub. no245) The society '58 incl bibliog

Anberg, Ake. Ultrastructure of the human spermatozoon from sperm samples and the epididymis incl. some observations of the spermatid. (Acta obstetrica et gynecologica scandinavica, v36. Sup2) Cirkelförlaget '57 p 126-33

Europees congres toegepaste electronenmicroscopie, Ghent, 1954. Rapport Europees congres toegepaste electronenmicroscopie, Gent 7-10 April 1954 [door] G. Vandermeerssche. Rijksuniversiteit '54 incl bibliog

Haine, M. E. and Jervis, M. W. Use of an electron velocity analyser to stabilize a 50-kv direct-voltage source to a few parts in a million. Inst Elec Eng Proc ptB 102:272 My '55

Hashimoto, T. and Naylor, H. B. Studies of the fine structure of microorganisms. J Bact 75:646, 653; 76:415-16; 77:353-4 Je, O '58, Mr '59

International bibliography of electron microscopy, 1950-1955. (V. 1) N.Y. soc. of electron microscopists '59 166p

O'Hern, E. M. and Henry, B. S. Cytological study of coccidioides immitis by electron microscopy. J Bact 72:645 N '56

Pignatelli, M. J. S. Microscopia electrónica. Soc Estud Mocambique Bol 26:33-5 Ja '56

Press, N. In quest of the osmophilic platelet; an electron microscope study. Am J Bot 44: 467-9 Je '57

Rochow, T. G. and Botty, M. C. Electron microscopy. Anal Chem 30:652-6 Ap '58

Rowley, J. R. Fine structure of the pollen wall in the commelinaceae. Grana Palynologica ns2 no 1:26-30 '59

Stahmann, M. A. and Kaesberg, P. Concepts and problems concerning the electron microscopy of plant viruses. Phytopathology 45: 195 Ap '55

Swerdlow, M. and others. Electron microscopy. Anal Chem 28:607-9 Ap '56

Wu, S. H. and McKenzie, F. Microstructure of spermatozoa after denudation as revealed by the electron microscope. J Animal Sci 14:1165-6 N '55

ELECTRON optics

Sturrock, P. A. Static and dynamic electron optics; an account of focusing in lens, deflector and accelerator. (Cambridge monographs on mechanics and applied mathematics) Cambridge '55 p233-6

See also

Electronics

ELECTRON tubes. See Vacuum tubes**ELECTRONIC apparatus and appliances**

Banner, Edgar Harold Walter. Electronic measuring instruments. 2d ed rev Macmillan '58 incl bibliog

Brooks, H. B. Improving electronic reliability. Tele Tech 14:70 S '55

Cornell aeronautical laboratory, incorporated, Buffalo. Heat transfer in miniaturized electronic equipment. U.S. Bur. of ships '55 p63-85

Goudet, G. General considerations on electronic switching. Elec Com 34:89-91 Je '57

Henney, Keith, and Walsh, Craig, eds. Electronic components handbook; resistors, relays, capacitors, switches. McGraw '57 incl bibliog

Javitz, A. E. and Jacobs, P. G. Electronic materials and components for extreme environmental problems. Elec Manuf 62:133-4 N '58

Kretzmann, Reinhard. Industrial electronics circuits; tr. by D. J. Mitchell. (Philips' gloeilampenfabrieken, N.Y. Eindhoven. Technical lib. Misc. ser) Philosophical lib. '57 p 189-90

Müller, R. H. Instrumentation. Anal Chem 28:659-60 Ap '56

Partridge, Gordon Radford. Principles of electronic instruments. (Prentice-Hall electrical engineering ser) Prentice-Hall '58 incl bibliog

Smullin, Louis D. and Haus, Hermann A. eds. Noise in electron devices. (Technology press bks. in science and engineering) Mass. inst. of technology; Wiley '59 incl bibliog

Spangenberg, Karl Rudolph. Fundamentals of electron devices. (McGraw-Hill electrical and electronic engineering ser) McGraw '57 p485-95

United States. Advisory group on reliability of electronic equipment. Reliability of military electronic equipment; report. U.S. Gov. ptg. office '57 incl bibliog

United States. Navy electronics laboratory, San Diego, California. NEL reliability bibliography; comp. by W. E. Jorgensen [and others] The laboratory '56 vp

Zagajewski, T. and others. Elektronika przemysłowa; zastosowanie urządzeń elektrycznych do grzejnictwa, pomiarów przemysłowych, sterowania i automatyzacji. 2d ed The authors '54 incl bibliog

See also

Antennas (electronics)

Electronic calculating machines

Transistors

Cleaning

American society for testing materials. Committee F-1 on materials for electron tubes and semiconductor devices. Symposium on cleaning of electronic device components and materials; presented in Philadelphia, Pa., Oct 13 and 14, 1958. (Special technical pub. no246) The society '59 incl bibliog

Cooling

Cornell aeronautical laboratory, incorporated, Buffalo. Guide manual of cooling methods for electronic equipment. U.S. Bur. of ships '56 p 195-8

ELECTRONIC brains. See Electronic calculating machines

ELECTRONIC calculating machines

American management association. Electronics in action; conference handbk. pub. for distribution at AMA's third annual electronic conference, Feb. 25-27, 1957. The association '57 p229-34

Bechtold, I. C. Take a look at the automated gasoline plant of 1975. Pet Refiner 36:139 Ap '57

Berkeley, Edmund Callis. Symbolic logic and intelligent machines. Reinhold '59 p 191-3 annot

Berkeley, Edmund Callis, and Wainwright, Lawrence. Computers; their operation and applications. Reinhold '56 p311-16 annot

Booth, Andrew Donald. Automation and computing. Macmillan '59 incl bibliog

Canning, Richard G. Electronic data processing for business and industry. Wiley '56 p325-7

Chrétien, Lucien. Les machines à calculer électroniques. (Coll. Précisions sur . . . 1) Chiron '51 p68-9

Clough, R. W. Use of modern computers in structural analysis. Am Soc Civil Eng Proc 84 [ST3 no 1636]:13-16 My '58

Columbia university. Watson scientific computing laboratory. Bibliography on the use of IBM machines in science, statistics, and education; comp. by Joyce Alsop [and others] Int. business machines corp. '56 81p

Comstock, Marjorie. Bibliography on machine computation, 1945-1954. (U.S. Atomic energy comm. BNL, Upton, N.Y. 321) Brookhaven nat. laboratory '55 36p

Controllership foundation. Business electronics reference guide; Peggy Courtney, editor. (V4) The foundation '58 p412-576 annot

Controllership foundation. Electronics in business; a descriptive reference guide; 2d, enl. ed. of Business applications of electronic machines. Herbert F. Klingman, editor. (Ser 3: Accounting, systems, procedure, no2) The foundation '55 176p annot

Fachtagung Elektronische rechenmaschinen und Informationsverarbeitung, Darmstadt, 1955. Elektronische rechenmaschinen und Informationsverarbeitung. Electronic computers and information processing; eds: A. Walthers [and] W. Hoffmann. (Nachrichten-technische fachberichte; beihfte der NTZ, v4) Vieweg '57 incl bibliog

Field, W. B. Design of a pH control system by analog simulation. I S A J 6:50 Ja '59

Grabbe, Eugene Munter, and others, eds. Handbook of automation, computation, and control. Wiley '58-'59 2v incl bibliog

Hattery, Lowell Harold, and Bush, George Pollock, eds. Electronics in management; foreword by Catheryn Seckler-Hudson. Univ. press of Wash, D.C. '56 p201-4

ELECTRONIC calculating machines—*Continued*
Hollingsdale, S. H. High speed computing methods and applications. Macmillan '59 p235-9

IBM technical papers published in other journals. See numbers of IBM journal of research and development

Karplus, Walter J. Analog simulation; solution of field problems. (McGraw-Hill ser. in information processing and computers) McGraw '58 incl bibliog

Klein, Martin Leroy, and others. Digital techniques for computation and control. Instruments pub. co. '58 p386-8

Kozmetsky, George, and Kircher, Paul. Electronic computers and management control. McGraw '56 p245-50

Lhoste, G. and Pépe, Paul. Gestion automatisée des entreprises par les machines à cartes perforées; préf. de L. Ragey. Dunod '58 p242-9

Moore, Charles N. and others. Electronics in business management. (Ptd. ser, no21) Bur. of business research, Univ. of Ala. '56 p76-82

Paynter, Henry Martyn, ed. Palimpsest on the electronic analog art; being a coll. of reprints of papers & other writings which have been in demand over the past several years. Philbrick researches '55 incl bibliog

Reviews of current literature. See numbers of Institute of radio engineers. Transactions on electronic computers

Richards, Richard Kohler. Digital computer components and circuits. Van Nostrand '57 incl bibliog

Rose, A. and others. Computers, mathematics, statistics, and operations research. Ind & Eng Chem 47:630-2; 48:630-2; 49:563-4; 50:518-19; 51:429-31 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

Snowwhite, M. Automation in the office. Bsns Lit 32:23-4 O '59 annot

Stevens, M. E. Bibliography on electronic information processing equipment for business and industry; technical memorandum. Electronic computers laboratory, Nat. bur. of standards '53 12p

Stibitz, George Robert, and Larrivee, Jules Alphonse. Mathematics and computers. McGraw '57 p209-21

Survey of recent articles. See numbers of Computers & automation

Teddington, England. National physical laboratory. Modern computing methods. (Notes on applied science, no 16) H.M.S.O. '57 incl bibliog

United States. Department of the army. Army library. Computers for management; a sel. list of titles, comp. by Bibliographic unit. (Special bibliog. no 1) The library '56 23p

United States. Department of the army. Army library. Data processing operations and computers for management; a sel. list of titles. (Special bibliog. no 10) The library '56 72p

United States. Library of Congress. Technical information division. Computers; a rep. bibliog. comp. by ASTIA reference center. The division '55 66p

Warfield, John N. Introduction to electronic analog computers. (Prentice-Hall electrical engineering ser) Prentice-Hall '59 p 147-51, 160-3

Wilkes, Maurice Vincent, and others. Preparation of programs for an electronic digital computer. 2d ed (Addison-Wesley mathematics ser) Addison-Wesley '58 p233-6 annot

Wright, E. A. Naval mathematics at the David Taylor model basin. Am Soc Naval Eng J 69:229-30 My '57

See also

Electronic data processing

ELECTRONIC circuits

Bolinder, E. F. Theory of noisy two-port networks. Franklin Inst J 267:22-3 Ja '59

Darlington, S. Linear least-squares smoothing and prediction, with applications. Bell System Tech J 37:1293-4 S '58

Pullen, Keats Abbott. Conductance design of active circuits. Rider '59 p307-8

ELECTRONIC data processing

Canning, Richard G. Installing electronic data processing systems. Wiley '57 p 189-90

Cleaver, G. F. Auditing and electronic data processing; an annot. sel. bibliography. J Account 106:48-54 N '58

Controllership foundation incorporated. Business electronics reference guide; Peggy Courtney, editor. (V4) The foundation '58 p412-576 annot

Fachtagung Elektronische rechenmaschinen und informationsverarbeitung, Darmstadt, 1955. Elektronische rechenmaschinen und informationsverarbeitung. Electronic digital computers and information processing; eds: A. Walther [and] W. Hoffmann.

(Nachrichtentechnische fachberichte; beilhefte der NTZ, v4) Vieweg '57 incl bibliog

Lhoste, G. and Pépe, Paul. Gestion automatisée des entreprises par les machines à cartes perforées; préf. de L. Ragey. Dunod '58 p242-9

McCracken, Daniel D. and others. Programming business computers. Wiley '59 p489-502

United States. Naval supply center, Oakland, California. Library. Electronic data processing; bibliography. The library '58 19p

ELECTRONIC measurements

Tischer, Friedrich J. Mikrowellen-messtechnik. (Technische physik in einzeldarstellungen. 12) Springer '58 incl bibliog

Wind, Moe, ed. Handbook of electronic measurements. Microwave research inst. Polytechnic inst. of Brooklyn '56 2v incl bibliog

ELECTRONIC musical instruments. See Musical instruments, Electric

ELECTRONIC transformers

Lee, Reuben. Electronic transformers and circuits. 2d ed Wiley '55 p347-9

ELECTRONICS

Advances in electronics and electron physics, v5[1-11] Academic press '53-'59 7v incl bibliog

Australia. Commonwealth scientific and industrial research organization. Division of radiophysics. List of publications for the years 1946-1949. The organization '51 9p

Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on modern advances in microwave techniques; Nov. 8, 9, 10, 1954; ed. by Jerome Fox. (Symposia ser, v4) The institute '55 incl bibliog

Illinois. University. Electrical engineering research laboratory. Final report on research in physical electronics under contract no AF19(604)-524, project no. 4156, task no. 46310. The laboratory '57 p2-5

Jones, Gardner M. Electronics in business. (MSU business studies) Mich. state univ. Bur. of business & economic research '58 p95-106

Kretzmann, Reinhard. Industrial electronics handbook; with a foreword by James Greig. 2d ed. rev. by H. E. Kater and D. J. Mitchell. (Phillips' gloeilampenfabrieken, N.V. Eindhoven. Technical lib. Misc. ser) Philosophical lib. '57 p295-6

National electronics conference. Proceedings. 1950[1-1958] (V6-14) The conference '51-'59 9v incl bibliog

New electronic textbooks. Electronic Ind 18: 242+ Je '59

Nottingham, Wayne Buckles, and others. Bibliography on physical electronics. Research laboratory of electronics, Mass. inst. of technology '54 428p

Radio corporation of America. RCA laboratories. RCA technical papers, 1951-1955[1-1958] (V3-V4c) RCA review '56-'59? 4v

Ryder, John Douglas. Electronic fundamentals and applications. 2d ed (Prentice-Hall electrical engineering ser) Prentice-Hall '59 incl bibliog

Ryder, John Douglas. Engineering electronics; with industrial applications and control. (McGraw-Hill electrical and electronic engineering ser) McGraw '57 incl bibliog

Seely, Samuel. Electronic engineering. (McGraw-Hill electrical and electronic engineering ser) McGraw '56 incl bibliog

Slater, John Clarke. Electronic structure of atoms and molecules. (Technical rep. no3) Solid-state & molecular theory group, Mass. inst. of technology '53 p 181-212

Stillman, Mary E. Communications and electronics. (PACAF basic bibliogs) Pacific air forces. U.S. Air force '58 44p

Stott, Richard Whitefield. Electronic theory and chemical reactions; an elementary treatment. 4th ed Longmans '58 incl bibliog

ELECTRONICS—Continued

Thomson, John, and Callick, E. B. *Electron physics and technology*. Macmillan '59 incl bibliog

See also

Accelerators (particles)
Cybernetics
Electronic circuits
Feedback (electronics)
High fidelity sound systems
Medical electronics

Apparatus and appliances

See Electronic apparatus and appliances

Bibliography

Mike, J. T. Abstracting and indexing services in electronics and related electrical fields. *Am Doc* 8:5-21 Ja '57 annot

Study and teaching

Murri, J. Senior high school electronics. *Ind Arts & Voc Educ* 44:221 S '55

ELECTRONICS as a profession

Angel, Juvenal Londoño. *Careers in electronics*. (Monograph no44) *World trade* '57 p35-6
—Same; 2d ed rev & enl (Monograph no44) *World trade* '59 p29-30

ELECTRONICS in navigation*See also*

Sonar

ELECTRONS

Pinsker, Z. G. *Electron diffraction*; tr. by J. A. Spink and E. Feigl. Butterworths scientific pubs. '53 incl bibliog
Shirane, G. and others. Some aspects of ferroelectricity. *Inst Radio Eng Proc* 43:1790-3 D '55

See also

Electronics
Mesons
Quantum theory

ELECTROPHORESIS

Henley, Alfred, ed. *Electrophoresis bibliography*; comp. by Charles L. Schuettler. 2d ed *Biochemical instruments div, Am. instrument co.* '55 290p

Kraut, N. Electrophoretic study of sera from rats artificially infected with and immunized against the larval cestode *cysticercus fasciolaris*. *J Parasitol* 42:120-1 Ap '56

Laurell, Axel Helge Fredrik. Studies on preparative vertical zone electrophoresis, with special reference to the isolation of some protein fractions from individual human sera at pH 4-6. *Almqvist* '58 p74-84

Lederer, Michael. *Introduction to paper electrophoresis and related methods*. Elsevier '55 incl bibliog

MacDonald, Hugh Joseph, and others. *Ionography; electrophoresis in stabilized media*. Year bk. pub. '55 p202-44

Parker, L. F. J. Zone electrophoresis on filter-paper. *Analyst* 80:648-51 S '55

ELECTROPHYSIOLOGY

Clausen, Johannes. Visual sensations (phosphenes) produced by AC sine wave stimulation. (*Acta psychiatrica et neurologica scandinavica*. Sup94) *Munksgaard* '55 p96-101

Conference on nerve impulse. *Nerve impulse; transactions of the 5th Conference*, 1954. Macy '56 incl bibliog

Fleckenstein, Albrecht. *Der kalium-natrium-austausch als energieprinzip in muskel und nerv, zugleich ein grundriss der allgemeinen elektropharmakologie*. Springer '55 p 132-49

Granit, Ragnar. *Receptors and sensory reception; a discussion of aims, means, and results of electro-physiological research into the process of reception*. (Yale univ. Mrs. Hepsa Ely Silliman memorial lectures, v34, 1953) Yale univ. press '55 p303-48

Hoff, H. E. and Geddes L.A. Rheotome and its prehistory. *Bul Hist Med* 31:344-7 J1 '57

Kisch, Bruno, and others. *Comparative direct electrophography of the heart of vertebrates*. (Fordham univ. Science ser, no 1) Fordham univ. press '52 p44-50

Linderholm, Håkan. Active transport of ions through frog skin with special reference to the action of certain diuretics; a study of the relation between electrical properties, the flux of labelled ions, and respiration. (*Acta physiologica scandinavica*, v27, sup97) *Liljestrand* '52 p 140-4

Shanes, Abraham Morris, ed. *Electrolytes in biological systems, incorporating papers presented at a symposium at the Marine biological laboratory in Woods Hole, Mass. on Sept. 8, 1954*. Am. physiological soc. '55 incl bibliog

See also

Brain potentials

ELECTROPLATING

Abstracts. *See* numbers of Metal finishing
Article references. *See* numbers of Plating
Böhny, Ferdinand. *Der galvaniseur; hrsg. vom Schweizerischen verband für berufsberatung und lehrlingsfürsorge und vom Verband galvanischer anstalten der Schweiz*. (Berufsbild) Sauerländer '53 p30-1
Metal finishing abstracts. Draper. *See* numbers

See also

Copper plating

ELECTROSHOCK therapy. *See* Shock therapy

ELECTROTHERAPEUTICS*See also*

Electrophoresis

ELEMENTS, Chemical. *See* Chemical elements

ELEPHANTS

Carrington, Richard. *Elephants; a short account of their natural history, evolution and influence on mankind*. Basic bks. '59 p251-67

ELGAR, Sir Edward William, 1857-1934

Young, Percy Marshall. *Elgar, O.M.; a study of a musician*. Collins '55 p426-8

ELIOT, George, pseud. of Mary Ann (Evans)

Cross, 1819-1830
Barry, J. D. Literary reputation of George Eliot's fiction. *Bul Bibliog* 22:176-82 Ja '59

ELIOT, Sir John, 1592-1632

Hulme, Harold. *Life of Sir John Eliot; 1592 to 1632 struggle for parliamentary freedom*. N.Y. univ. press '57 p395-9 annot

ELISSEEFF, Serge, 1889-

Reischauer, E. O. *Serge Elisséeff*. Harvard J Asiatic Stud 20:29-35 Je '57

ELIZABETH I, queen of England, 1533-1603

Jenkins, Elizabeth. *Elizabeth the Great*. Coward-McCann '59 p325-8

ELKINS, Stephen Benton, 1841-1911

Lambert, Oscar Doane. *Stephen Benton Elkins*. Univ. of Pittsburgh '55 p329-36

ELLESMERE island

Hattersley-Smith, G. and others. *Northern Ellesmere island, 1953 and 1954*. Arctic 8 no 1:35-6 Winter '55

ELLIOT, Walter Elliot, 1888-1958

Boyd-Orr, Lord. *Walter Elliot*. (In *Royal society of London. Biographical memoirs of fellows of the Royal society*, 1958. The society '58 p80)

ELLIOTT county, Kentucky

Jillson, Willard Rouse. *Bibliography of Elliott county, Kentucky; citations of the ptd. sources touching upon its history, geology, cartography, coal, dikes, ores, oil, and gas, with annots, 1861-1957*. Perry pub. co. '58 21p

ELLIS, Havelock, 1859-1939

Calder-Marshall, Arthur. *Havelock Ellis; a biography*. Hart-Davis '59 p283-6

Collis, John Stewart. *Havelock Ellis: artist of life; a study of his life and work*. Sloane '59 p217-18

ELLISSEN, Adolf, 1815-1872

Borsche, Eberhard. *Adolf Ellissen, 1815-1872; ein vorläufer der modernen byzantinischen literatur- und sprachforschung; ein gelehrtenleben zwischen politik und wissenschaft*. Lax '55 p 128-30

ELOCUTION*See also*

Debates and debating
Public speaking

EMBASSIES. *See* Diplomatic and consular service

EMBOLISM

Askey, John Martin. *Systematic arterial embolism; pathogenesis and prophylaxis*. (Modern medical monographs, 14) Grune '57 p 139-53

See also

Pulmonary embolism

EMBRYOLOGY

American association for the advancement of science. *Section on zoological sciences. Beginnings of embryonic development; a symposium organized by the Section, co-sponsored by the Am. soc. of zoologists and the Assn. of southeastern biologists, and presented at the Atlanta meeting, Dec. 27, 1955; ed. by Albert Tyler [and others] (Pub. no48) The section '57 incl bibliog*

EMBRYOLOGY—Continued

- Conference on environmental influences on prenatal development. Bar Harbor, Maine, 1956. Environmental influences on prenatal development, edited by Beatrice Mintz. (Developmental biology conference ser. 1956) Univ. of Chicago press '58 p82-7
- Dalcq, Albert. Introduction to general embryology; tr. by Jean Medawar. Oxford '57 incl bibliog
- Hadorn, Ernst. Letalfaktoren in ihrer Bedeutung für erbpathologie und genphysiologie der entwicklung. Thieme '55 p303-27
- International symposium on cytodifferentiation. Brown university, 1956. Cytodifferentiation; ed. by Dorothea Rudnick. (Developmental biology conference ser. 1956) Univ. of Chicago press '58 p 132-48
- Needham, Joseph. History of embryology; 2d ed. rev. with the assistance of Arthur Hughes, Abelard-Schuman '59 p241-92
- Patten, Bradley Merrill. Foundations of embryology. (McGraw-Hill pubs. in the zoological sciences) McGraw '58 p541-62
- Symposium on embryonic nutrition. Brown university, 1956. Embryonic nutrition; ed. by Dorothea Rudnick. (Developmental biology conference ser. 1956) Univ. of Chicago press '58 p 103-13
- Ubisch, Leopold von. Entwicklungsprobleme. Fischer '53 p 187-95
- Waddington, Conrad Hal. Principles of embryology. Macmillan '56 p469-95
- Willier, Benjamin Harrison, and others, eds. Analysis of development. Saunders '55 incl bibliog
- Woods Hole, Massachusetts. Marine biological laboratory. Methods for obtaining and handling marine eggs and embryos [by] D. P. Costello [and others] The laboratory '57 incl bibliog
- See also
- Cells
- Differentiation (biology)
- Ectoderm
- Endoderm
- Fetus
- Germ cells
- Gradient theory (physiology)
- Metamorphosis
- Morphogenesis
- Neural plate
- Ovulation
- Ovum
- Placenta
- Protoplasm
- Reproduction
- Yolk (embryology)
- Lynch, W. F. Experimental modification of the rate of metamorphosis of bugula larvae. J Exp Zool 133:611-12 D '56
- McCallion, D. J. Effects of the carcinogen, 2-acetylaminofluorene, on larval and adult frogs. Can J Zool 32:237-9 Je '54
- Muchmore, W. B. Differentiation of the trunk mesoderm in ambystoma maculatum. J Exp Zool 134:309-10 Mr '57
- Overton, J. Mitotic response of regenerating amphibian fin to feeding and grafting. J Exp Zool 136:285-6 N '57
- Paterson, M. C. Animal-vegetal balance in amphibian development. J Exp Zool 134:198-200 F '57
- Platt, J. Studies on the problem of nerve pattern. J Exp Zool 134:119 F '57
- Rappaport, R. Uptake of water during development of amphibian tissues. J Exp Zool 127:51-2 O '54
- Scheuing, M. R. and Singer, M. Effects of microquantities of beryllium ion on the regenerating forelimb of the adult newt, triturus. J Exp Zool 136:322-3 N '57
- Smithberg, M. Origin and development of the tail in the frog, rana pipiens. J Exp Zool 127:422-3 D '54
- Townes, P. L. and Holtfreter, J. Directed movements and selective adhesion of embryonic amphibian cells. J Exp Zool 128:117-20 F '55
- Volpe, E. P. Embryonic temperature tolerance and rate of development in bufo valliceps. Physiol Zool 30:175-6 Ap '57
- Wilde, C. E. Urodele neuroepithelium. J Exp Zool 130:589-91 D '55
- Wilens, S. Migration of heart mesoderm and associated areas in amblystoma punctatum. J Exp Zool 129:600-2 Ag '55
- Wittner, M. and Rosenbaum, R. M. Resistance and susceptibility to high oxygen pressures in the early development of the frog, rana pipiens. Physiol Zool 31:301+ O '58
- Yamada, T. and Takata, K. Analysis of spino-caudal induction by the guinea pig kidney in the isolated ectoderm of the triturus-gastrula. J Exp Zool 128:320-1 Mr '55
- Annelids
- Costello, D. P. Cortical response of the ovum to activation after centrifuging. Physiol Zool 31:187-8 Jl '58
- Rattenbury, J. C. Embryology of phoronopsis viridis. J Morphol 95:332-3 S '54
- Birds
- Cairns, J. M. and Saunders, J. W. Influence of embryonic mesoderm on the regional specification of epidermal derivatives in the chick. J Exp Zool 127:246-8 N '54
- Carpenter, E. and others. Uptake of P^{32} by embryonic chick thyroid glands in vivo and in vitro. J Exp Zool 127:263-4 N '54
- Chapman, A. O. Effects of varying dosage of radioactive phosphorus (P^{32}) in the early chick embryo. J Morphol 95:463-4 N '54
- Fraser, R. C. Presence and significance of respiratory metabolism in streak-forming chick blastoderms. Biol Bul 111:90-1 Ag '56
- Fraser, R. C. Studies on the hypoblast of the young chick embryo. J Exp Zool 126:390-2 Ag '54
- Grabowski, C. T. Effects of the excision of Hensen's node on the early development of the chick embryo. J Exp Zool 133:341-3 N '56
- Harkmark, W. Influence of the cerebellum on development and maintenance of the inferior olive and the pons; an experimental investigation on chick embryos. J Exp Zool 131:355-60 Mr '56
- Johnson, I. S. and Leone, C. A. Ontogeny of proteins of the adult chicken heart as revealed by serological techniques. J Exp Zool 130:552-4 D '55
- Kinyon, N. and Watterson, R. L. Reduced endocrine activity of ovaries of hypophysectomized duck embryos as indicated by modified development of genital tubercle and syrinx. Physiol Zool 31:71-2 Ja '58
- Landauer, W. Niacin antagonists and chick development. J Exp Zool 136:528-30 D '57
- McKeehan, M. S. Quantitative study of self-differentiation of transplanted lens primordia in the chick. J Exp Zool 126:171-2 Jl '54
- Amphibia
- Balinsky, B. I. New experiments on the mode of action of the limb inductor. J Exp Zool 134:267-8 Mr '57
- Boell, E. J. and others. Development of cholinesterase in the optic lobes of the frog (rana pipiens) J Exp Zool 129:443-4 Ag '55
- Cheney, R. H. and Kaighn, M. E. Experimental modification of gastrulation in the frog. J Exp Zool 135:498-500 Ag '57
- Derwiler, S. R. Experiments on the origin of the ventrolateral trunk musculature in the urodele (amblystoma) J Exp Zool 129:74-5 Je '55
- Driscoll, W. T. and Eakin, R. M. Effects of sucrose on amphibian development with special reference to the pituitary body. J Exp Zool 129:167-9 Je '55
- Finnegan, C. V. Ventral tissues and pigment pattern in salamander larvae. J Exp Zool 128:471-2 Ap '55
- Flickinger, R. A. Relation between yolk utilization and differentiation in the frog embryo. Am Natur 91:373-9 N '57
- Holtzer, H. and Kamrin, R. P. Development of local coordination centers. J Exp Zool 132:403-5 Ag '56
- Humphrey, R. R. and Fankhauser, G. Origin of spontaneous and experimental haploids in the Mexican axolotl (siredon—or ambystoma—mexicanum) J Exp Zool 134:446-7 Ap '57
- Lash, J. W. Experiments on epithelial migration during the closing of wounds in urodeles. J Exp Zool 131:254-6 Ap '56
- Lehman, H. E. Developmental mechanics of pigment pattern formation in the black axolotl, amblystoma mexicanum. J Exp Zool 135:334-6 Jl '57
- Løvtrup, S. and Werdinius, B. Metabolic phases during amphibian embryogenesis. J Exp Zool 135:218-20 Jl '57

EMBRYOLOGY—Birds—Continued

- Mintz, B. and Wolff, E. Development of embryonic chick ovarian medulla and its feminizing action in intracoeleomic grafts. *J Exp Zool* 126:526-7 Ag '54
- Ramm, G. M. Fate of chick mesonephric tissue in intraocular homografts. *J Exp Zool* 130:128-9 O '55
- Robertson, G. G. and others. Study of abnormalities in early chick embryos inoculated with Newcastle disease virus. *J Exp Zool* 129:31-3 Je '55
- Rudnick, D. and others. Enzymes of glutamine metabolism in the developing chick embryo. *J Exp Zool* 126:320-1 Jl '54
- Saunders, J. W. and others. Interactions of ectoderm and mesoderm in the origin of axial relationships in the wing of the fowl. *J Exp Zool* 137:72-4 F '58
- Spratt, N. T. Analysis of the organizer center in the early chick embryo. *J Exp Zool* 128:161-3; 134:611-12; 135:352-3; 138:77-9 F '55, Ap '57, Je '58
- Watterson, R. L. and others. Development of the glycogen body of the chick spinal cord. *Physiol Zool* 31:59 Ja '58
- Zwilling, E. and Ames, J. F. Polydactyly, related defects and axial shifts—a critique. *Am Natur* 92:265-6 S '58

Echinodermata

- Harvey, Ethel Browne. American arbia and other sea urchins. Princeton univ. press '56 p235-86
- Okazaki, K. Skeleton formation of sea urchin larvae. *Biol Bul* 110:332-3 Je '56
- Tyler, A. and others. Fertilization of fertilized sea urchin eggs. *Biol Bul* 110:194-5 Ap '56
- Tyler, A. and others. Membrane potential and resistance of the starfish egg before and after fertilization. *Biol Bul* 111:174-7 Ag '56

Fishes

- Oppenheimer, J. M. Differentiation of derivatives of the lower germ layers in fundulus following the implantation of shield grafts. *J Exp Zool* 128:550-2 Ap '55
- Rasquin, Priscilla. Ovarian morphology and early embryology of the pediculate fishes antennarius and histrio. (Bul. v 114, article 4) *Am. museum of natural history* '58 p370-1
- Trinkhaus, J. P. and Drake, J. W. Exogenous control of morphogenesis in isolated fundulus blastoderms by nutrient chemical factors. *J Exp Zool* 132:340-2 Jl '56

Insects

- Deobhakta, S. R. Embryonic development of mylabris pustulata Thunb. *Agra Univ J Res* 6:136-46 Ja '57
- Matsuda, R. On the origin of the external genitalia of insects. *Entom Soc Am Ann* 51:92-4 Ja '58
- Pflugfelder, Otto. Entwicklungsphysiologie der Insekten. 2d ed. (Probleme der biologie, v5) Geest & Portig '58 p497-83
- Rempel, J. G. Embryology of the black widow spider, *Latrodectus mactans* (Fabr.) *Can J Zool* 35:73-4 F '57

See also

Insects—Eggs

Mammals

- Greenstein, J. S. and Foley, R. C. Early embryology of the cow. *J Dairy Sci* 41:420-1 Mr '58
- Hardy, M. H. and Lyne, A. G. Studies on the development of wool follicles in tissue culture. *Australian J Biol Sci* 9:573-4 N '56
- Hess, A. Reactions of mammalian fetal spinal cord, spinal ganglia, and brain to injury. *J Exp Zool* 132:373-4 Jl '56
- Hillemann, Howard Herbert. Organization, histology, and circulatory pattern of the near-term placenta of the guinea baboon, papio cynocephalus, Demarest. (Ore. state monographs. Studies in zoology, no8[9]) Ore. state college '55 p 18-19
- Lyne, A. G. and Heideman, M. J. Pre-natal development of skin and hair in cattle (*bos taurus* L.) *Australian J Biol Sci* 12:92-4 F '59
- Russel, L. B. X-ray-induced developmental abnormalities in the mouse and their use in the analysis of embryological patterns. *J Exp Zool* 131:388-90 Ap '56
- Stephenson, S. K. Wool follicle development in the New Zealand Romney and N-type sheep. *Australian J Ag Res* 9:159-60; 10:120, 451-2 Ja '58, Ja, My '59

- Waterman, A. J. and Gorbman, A. Development of the thyroid gland of the rabbit. *J Exp Zool* 132:535-8 Ag '56

Poultry

See Embryology—Birds

Reptiles

- Dimond, Sister M. T. Reactions of developing snapping turtles, *Chelydra serpentina serpentina* (Linné) to thiourea. *J Exp Zool* 127:107-10 O '54

Rodents

- Fitch, N. Embryological analysis of two mutants in the house mouse, both producing cleft palate. *J Exp Zool* 136:356-7 N '57
- Kalter, H. Factors influencing the frequency of cortisone-induced cleft palate in mice. *J Exp Zool* 134:465-6 Ap '57
- Mintz, B. and Russell, E. S. Gene-induced embryological modifications of primordial germ cells in the mouse. *J Exp Zool* 134:228-30 Mr '57

Vertebrates

- McEwen, Robert Stanley. Vertebrate embryology. 4th ed. Holt '57 incl bibliog
- Wedin, Bertil. Embryonic segmentations in the head; studies on the development of the vertebrate head. The author '55 p 109-14

Worms

- Wilson, Douglas P. Influence of the nature of the substratum on the metamorphosis of the larvae of marine animals, especially the larvae of ophelia bicornis Savigny. (Inst. océanographique. Annales, new ser, v27, no2) Masson '52 p 123-6

EMBRYOLOGY, Human

- Brash, James Couper. Human embryology. (Cunningham's text-bk. of anatomy, v 1) Oxford '56 p 101-4
- Bremer, John Lewis. Congenital anomalies of the viscera; their embryological basis. Harvard univ. press '57 p 188-96
- Zimmermann, Arnold Albert, and Becker, Samuel William. Melanoblasts and melanocytes in fetal Negro skin. (Ill. Univ. Monographs in medical sciences, v6, no3) Univ. of Ill. press '59 p36-7

EMBRYOLOGY, Vegetable. See Botany—Embryology**EMERSON, Ralph Waldo, 1803-1882**

- Gray, Henry David. Emerson; a statement of New England transcendentalism as expressed in the philosophy of its chief exponent. Ungar '58 p 105-7

EMETINE

- Güralp, N. and others. Some further evaluation of emetine therapy against sheep and goat lungworms. *Cornell Vet* 47:522-4 O '57

EMIE, Louis

- Loranquin, A. Louis Emié: deux poèmes, une bibliographie. (Visages de ce temps, 3) Eds. Subervie '58 p39-46

EMIGRATION. See Immigration and emigration**EMOTIONS**

- Brady, J. V. and Hunt, H. F. Experimental approach to the analysis of emotional behavior. *J Psychol* 40:322-4 O '55
- Mason, R. E. Three studies relating internal sensory experiences and feeling reactions. *J Gen Psychol* 60:227-8 Ap '59
- Skubic, E. Emotional responses of boys to Little League and Middle League competitive baseball. *Res Q* 26:351-2 O '55
- Spence, K. W. Theory of emotionally based drive (D) and its relation to performance in simple learning situations. *Am Psychologist* 13:140-1 Ap '58

See also

- Anxiety
Empathy
Joy and sorrow
Love
Tension (psychology)

EMPATHY

- Parker, C. A. Empathy. *Personnel & Guid J* 34:93 O '55

EMPERORS**See also**

Roman emperors

EMPLOYEE absenteeism. See Absenteeism (labor)**EMPLOYEE benefits. See Non-wage payments****EMPLOYEE recreation. See Industrial recreation**

EMPLOYEES**Rating**

- Batson, Robert J. Employee evaluation: a review of current methods and a suggested new approach. (Personnel rep. no571) Public personnel assn. '57 p33-9 annot
- Hunt, Arch W. Realistic appraisal of employee evaluation. (Baylor bul. v58, no 12; Baylor business studies, no24) School of business, Baylor univ. '55 p21-2
- Luck, Thomas Jefferson. Personnel audit and appraisal. McGraw '55 p287-91

Training

- American public works association. Training and development of public works employees. (Public works engineers' special rep. no22) The association '57 p47-51
- Craf, John Riley. Junior boards of executives; a management training procedure; foreword by Charles F. McCormick. Harper '53 p 156-62
- Fryer, Douglas Henry, and others. Developing people in industry; principles and methods of training. Harper '56 p203-5
- Golden, Olive H. Training techniques; a bibliog. review. (Significant sources in management, organization, industrial relations, no5) Industrial relations center, Univ. of Chicago '55 24p
- Murphy, L. V. Select bibliography of employee training and development. Personnel Adm 19:62-8 S '56
- Selected readings on training aids in the California state library. News Notes Calif Lib 49:384-6 J1 '54 annot
- Selections from current publications. See numbers of Personnel administration annot
- Training officers conference. Training materials bibliography. The conference '57 72p annot
- United States. Bureau of apprenticeship and training. Training materials you can use. U.S. Gov. ptg. office '57 4v
- United States. Bureau of supplies and accounts (Navy department) Library. Bibliography on employee training; comp. by Elizabeth Haggart. The Library '56 26p
- United States. Civil service commission. Selected list of training materials. The commission '57 47p
- See also
- Apprentices
- Foremen

EMPLOYEES' benefit plans

- Princeton university. Industrial relations section. Regulation of collectively bargained health and welfare plans. (Ser. references, no70) The section '56 4p annot

EMPLOYEES' magazines, handbooks, etc.

- Spiegel, William Robert, and Lanham, Elizabeth. Survey of bank and department store employee handbooks. (Personnel study no4) Bur. of business research, Tex. univ. '52 p 113-17

EMPLOYEES' representation in management

- Blumenthal, Werner Michael. Codetermination in the German steel industry; a rep. of experience. (Research rep. ser. no94) Industrial relations sec, Princeton univ. '56 p 115-16

- Hockstein-Rasch, Alfred. Bibliographie zur mitbestimmung und betriebsverfassung; stand: 31. dez. 1954. Deutsche industrieverlags-g.m.b.h. '55 273p

- Krone, W. Bibliographie zur mitbestimmung. In: Ortlieb, Heinz Dietrich, and Schelsky, Helmut, eds. Wege zum sozialen Frieden; beiträge zur mitbestimmung und sozialen partnerschaft in der wirtschaft von L. Alwens [et al] (Akad. für gemeinwirtschaft, Hamburg, Veröffentlichungen) Ring-verlag '54 p277-315

- Newman, Jeremiah. Co-responsibility in industry; social justice in labour-management relations; with a pref. by Michael P. Fogarty. Newman press '55 p 183-7

See also

- Works councils

EMPLOYEES' vacations. See Vacations, Employee**EMPLOYERS' associations**

- Gates, Francis. Reference guides for labor research; a sel. bibliog. of directories, bibliogs, handbks, and guides to special colls. relating to Am. labor unions, employers, and employer associations. Labor coll, Social sciences reference service, Gen. lib, Univ. of Calif. '57 35p

EMPLOYERS' liability**See also**

- Workmen's compensation

EMPLOYMENT**See also**

- Unemployment

EMPLOYMENT discrimination. See Discrimination in employment**EMPLOYMENT management. See Personnel management****EMPLOYMENT of children. See Child labor****EMPLOYMENT of women. See Woman—Employment****EMULSIONS**

- Becher, Paul. Emulsions; theory and practice. (Am chemical soc. Monograph ser, no 135) Reinhold '57 incl bibliog
- Guynes, G. J. and Bennett, E. O. Bacterial deterioration of emulsion oils. Ap Microbiol 7:121, 125 Mr '59

ENAMEL and enameling

- American ceramic society. Enamel bibliography and abstracts, 1950 to 1955 inclusive with subject and auth. indices; comp. by William W. Coffeen. The society '56 186p
- Richmond, J. C. and others. Ceramic coatings for nuclear reactors. Am Cer Soc J 38:79-80 F '55
- Winter, Edward. Enamel art on metals. Watson-Guptill '58 p 149-50

ENCEPHALITIS

- Ferguson, Frederick F. Biological factors in the transmission of American arthropod-borne virus encephalitis; a summary. (U.S. Public health service. Pubs, no372; Public health monograph, no23) U.S. Gov. ptg. office '54 p23-37

ENCEPHALOGRAPHY. See Electroencephalography**ENCYCLICALS, Papal**

- Catholic church. Pope. Papal encyclicals in their historical context; ed. by Anne Fremantle; with an introd. by Gustave Weigel. Putnam '56 p311-12

ENCYCLOPEDIA britannica

- Kogan, Herman. Great EB: the story of the Encyclopaedia britannica. Univ. of Chicago press '58 p 317-21

ENCYCLOPEDIAS

- Hamburg. Welt-wirtschafts-archiv. Bibliothek. Wörterbücher, allgemein und fachlich; deutsch-englisch, englisch, mehrsprachig (mit englisch u. deutsch) 239 titel mit signaturen der bibliothek; stand: januar 1951. The library '51 38p
- Klinkowstroem, C. graf von. Enzyklopädien; bibliog. der ersten deutschsprachigen enzyklopädischen werke. Philobiblon 1:323-7 D '57
- Zagreb. Leksikografski zavod FNRJ. Enciklopedijska izdanja leksikografskog zavoda FNRJ. The institute '53? 104p
- Zischka, Gert A. Index lexicorum; bibliog. der lexikalischen nachschlagewerke. Hol-linek '59 290p

ENDAMEBA

- Baumann, Edward Robert, and Babbitt, Harold Eaton. Removal of entamoeba histolytica cysts from water by porous filter septums either with or without filter aid. (Bul. no431) Engineering experiment station, Univ. of Ill. '55 p39-40

ENDOCARDITIS

- Kerr, Andrew. Subacute bacterial endocarditis. (Am. lecture ser, pub. no 274) Thomas '55 p266-314

ENDOCRINE glands

- Bleuler, Manfred. Endokrinologische psychiatrie; mit einem beitrage von R. Hess. Thieme '54 p381-461
- Borgström, Sven Adolf. Endocrine treatment of essential hypertension. (Sup290) Acta medica Scandinavica '54 p69-70
- Gorbman, Aubrey, ed. Comparative endocrinology; proceedings of the Columbia univ. symposium on comparative endocrinology; held at Cold Spring Harbor, N.Y. May 25-29, 1958. Wiley '59 incl bibliog
- Jones, Georgeanna Seegar. Management of endocrine disorders of menstruation and fertility. (Am. lecture ser, pub. no206) Thomas '54 p157-82

- National vitamin foundation, incorporated. Symposium on endocrines and nutrition; proceedings of the Nutrition symposium held at the Univ. of Mich. medical school Ann Arbor, Mich. Oct. 11-12, 1956; Frank H. Bethell, guest editor. (Nutrition symposium ser, no 15) The foundation '57 incl bibliog

ENDOCRINE glands—Continued

Society for endocrinology. Comparative endocrinology of vertebrates; proceedings of a conference held at the Dept. of zoology, Univ. of Liverpool from 12 to 16 July 1954; ed. by I. Chester Jones & P. Eckstein. (Memoirs, no4-5) Cambridge '55-'56 2v incl bibliog

Symposium on endocrines in development, Shelter Island, New York, 1956. Endocrines in development; ed. by Ray L. Watterson. (Developmental biology conference ser, 1956) Univ. of Chicago press '59 p 130-42

Tavolga, W. N. Effects of gonadectomy and hypophysectomy on prespawning behavior in males of the gobiid fish *Bathygobius soporator*. *Physiol Zool* 28:231-3 JI '55

Velardo, Joseph Thomas, ed. Endocrinology of reproduction. Oxford '58 incl bibliog

See also

Adrenal glands

Hormones

Pancreas

Parathyroid glands

Pineal body

Pituitary body

Thyroid gland

ENDODERM

Fraser, R. C. Studies on the hypoblast of the young chick embryo. *J Exp Zool* 126:390-2 Ag '54

ENDOSCOPE and endoscopy

See also

Bronchoscope and bronchoscopy

ENDOSPERM

Duncan, R. E. and Persidsky, M. D. Achromatic figure during mitosis in maize endosperm. *Am J Bot* 45:728-9 D '58

Fabergé, A. C. Relation between chromatid-type and chromosome-type breakage-fusion-bridge cycles in maize endosperm. *Genetics* 43:748-9 S '58

ENDOWMENTS

See also

Foundations, Charitable and educational

ENDURANCE, Physical. See Physical ability

ENERGY. See Force and energy

ENERGY resources. See Power resources

ENESCO, Georges, 1881-1955

Gavoty, Bernard. *Les souvenirs de Georges Enesco*. Flammarion '55 p 191-4

Vancea, Zeno, and Andrei, Tudor, George Enescu. *George-Enescu-komitee* '57 p45-7

ENGELS, Friedrich, 1820-1895

Academia Republicii Populare Romine, Bucharest. *Biblioteca. Marx și Engels in limba română, 1871-1944.* (Ser. de bibliog. retrospective, 1) The library '56 60p

Berlin. *Marx-Engels-Lenin-Stalin-institut. Die erstdrucke der werke von Marx und Engels; bibliog. der einzelausgaben.* Dietz '55 62p

Moscow. *Institut Marksa-Engel'sa-Lenina-Stalina. Die erstdrucke der werke von Marx und Engels; bibliog. der einzelausgaben.* Dietz '55 62p

Prague. *Universita Karlova. Knihovna. Soupis spisů a článků Karla Marxe a Bedřicha Engelse z fondu Universitní knihovny a Slovanské knihovny v Praze; sest. Miroslav Havránek; redigoval Kamil Groh.* (Bibliografické příručky, v5, no 1-3) The library '54 428p

Rubel, Maximilien. *Bibliographie des œuvres de Karl Marx; avec, en appendice, un répertoire des œuvres de Friedrich Engels.* Rivière '56 272p

Warsaw. *Biblioteka narodowa. Marks i Engels w Polsce; materiały do bibliografii, 1842-1952.* The library '53 111p

ENGINEERING

Angel, Juvenal Londoño. *Careers for professional engineers.* (Monograph no42) World trade '57 p23-5

Applied science & technology index (formerly Industrial arts index) Wilson. See numbers

Aslib book-list; monthly recommendations of recently pub. scientific and technical books. Assn. of special libs. & information bureaux. See numbers

Bahia. *Universidade. Escola politécnica. Biblioteca. Índice tecnológico.* The library. See numbers

Canadian business and technical index. Reference sec, Toronto public libs. See numbers

Cement and concrete association, London. *Library. Catalogue of text and reference books.* 5th ed The association '56 92p

Engineering index, 1954[1958] Engineering index '55-'59 4v annot

Engineers' digest; review of world engineering progress. Engineers' digest. See numbers

Georgia. Institute of technology, Atlanta. Graduate division. Abstracts of theses, 1952/541-1956/581 (Engineering science management, v2-4) The division '54-'59 3v

Illinois. University. Engineering experiment station. *Publications, 1904-1956; a cumulative index with auth. and subject listings.* (Bul. v53, no54) The university '56 39p

Industrial arts index; subject index to a sel. list of engineering, trade and business periodicals. Wilson. See numbers thru 1957

Johnson, Irma, and others. *Selected books and journals in science and engineering.* (Technology monographs; lib. ser, no 1) Mass. inst. of technology '58 58p

Kentucky. University. Library. Checklist of current periodicals for the engineering student available at the University of Kentucky libraries. Engineering lib. '53 15p

Koff, R. M. Engineer's bookshelf; a detailed bibliog. of technical bks. for the design engineer, rev. as of Jan. 1, 1959. *Product Eng* 30:45-60 Mr '59

London. Science museum. Science library. Books on engineering; a list of books on engineering subjects received in the Library from July 1, 1955 to September 30, 1956. (Bibliog. ser, no45) The library '56 16p

London. Science museum. Science library. Books on engineering; a subject catalogue of bks. in the Library; short-title list of bks. pub. 1930 and onwards, on mechanical, civil, electrical, marine, sanitary, and other branches of engineering, with engineering aspects of transport. H.M.S.O. '57 183p

New York (city). Public library. New technical books; a sel. list on industrial arts and engineering added to the N.Y. public library. The library. See numbers

Parke, Nathan Grier. *Guide to the literature of mathematics and physics including related works on engineering science.* 2d rev ed Dover '58 436p annot

Purdue university, Lafayette, Indiana. Engineering schools and departments research activities, 1956-57. (Engineering bul. v41, no4; Engineering experiment station. Research ser, no 136) The university '57 incl bibliog

Purdue university, Lafayette, Indiana. Engineering experiment station. Abstracts of engineering staff publications and theses, 1955-561-1957-581 (Research ser, no 133, 137, 140) The university '57-'59 3v

Shank, Russell. *Bibliography of technical reference literature and sources of information.* The author '54 50p

Thuesen, Holger George. *Engineering economy.* 2d ed Prentice-Hall '57 p553-6

United States. Bureau of reclamation. Technical library, Denver. Index to laboratory and other numbered reports, by Ferdinand Stenger and Antoinette H. Sands. *prelim ed* The library '57 316p

See also

Aeronautic engineering

Aeronautics

Agricultural engineering

Arches

Architecture

Chemical engineering

Civil engineering

Dams

Electric engineering

Engineers

Forestry engineering

Foundations

Gas engineering

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Hydraulic engineering

Industrial engineering

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Mechanics

Mensuration

Military engineering

Mining engineering

Nuclear engineering

Petroleum engineering

Plastics engineering

Radio engineering

Rivers

ENGINEERING—See also—*Continued*

Sanitary engineering
Soil mechanics
Structural engineering
Surveying
Tolerance (engineering)
Ventilation
Water supply engineering

Bibliography

Special libraries association. Science-technology division. Engineering section. Committee on engineering abstracting services. Bibliography of engineering abstracting services; ed. by Miriam M. Landuyt. (SLA bibliog. no 1) The association '55 37p

Estimates and costs

Bullinger, Clarence Edward. Engineering economy. 3d ed McGraw '58 p367-71

Geology

See Engineering geology

History

Forbes, Robert James. Man the maker; a history of technology and engineering. (Life of science lib) Abelard-Schuman '58 p346-8
Kirby, Richard Shelton, and others. Engineering in history. McGraw '56 p515-16

Materials

See Building materials

Research in progress

Research work in [City and guilds college, South Kensington] Guilds' Eng no7:90-103; no8:113-26 '56-'57

Study and teaching

See also

Engineering education

ENGINEERING, Industrial. See Industrial engineering

ENGINEERING as a profession

Constance, John Dennis. How to become a professional engineer. McGraw '58 p261-3
Kirkpatrick, C. V. Petroleum engineering. (Vocational and professional monographs, no90) Bellman '58 p22-4

Michigan. State university of agriculture and applied science, East Lansing. Labor and industrial relations center. Effective utilization of engineering personnel; proceedings of a conference, March 29 and 30, 1957. The center '57 p44-9

Parnes, Herbert S. Effective utilization of engineering manpower; a survey of the literature. President's com. on scientists & engineers '57? p22-9

Pollack, Philip. Careers and opportunities in engineering; with an introd. by John R. Ragazzini. Dutton '59 p 114-15

Ralya, Lynn L. and Ralya, Lillian L. Guide to vocations in engineering and related fields. The authors '59 p35-42

Robie, Edward H. Engineering. new rev ed (Vocational and professional monographs, no 14) Bellman '59 p34-6

ENGINEERING economics. See Engineering—Estimates and costs

ENGINEERING education

Cooper union for the advancement of science and art. Library. Humanistic-social stem of engineering education; a classified bibliography. rev & enl ed (Cooper union bul. Engineering and science ser, no33) The union '55 56p

LeBold, W. K. Intellectual and non-intellectual factors involved in predicting engineering success. J Eng Educ 48:518-19 Mr '58

ENGINEERING geology

Geological society of America. Division on engineering geology. Committee on teaching aids. Teaching aids and allied materials in engineering geology. The committee '57 36p

Happ, S. C. Engineering geology reference list. Geol Soc Am Bul 66:993-1030 Ag '55

Krynine, Dimitri Pavlovitch, and Judd, William R. Principles of engineering geology and geotechnics; geology, soil and rock mechanics, and other earth sciences as used in civil engineering. (McGraw-Hill civil engineering ser) McGraw '57 incl bibliog

Trefethen, Joseph Muzzy. Geology for engineers. 2d ed Van Nostrand '59 incl bibliog

ENGINEERING instruments

Considine, Douglas Maxwell, ed. Process instruments and controls handbook. (McGraw-Hill handbks) McGraw '57 incl bibliog

Draper, Charles Stark, and others. Instrument engineering. (McGraw-Hill pubs. in aeronautical science) McGraw '52-'55 3v v 1, p261-2; v2, p809-12; v3, p845-60

See also

Automatic control

ENGINEERING models

Philbrook, William O. Bibliography of model and pilot-plant applications in ferrous metallurgy, 1945-56. (Information circ. 7851) U.S. Bur. of mines '58 14p

ENGINEERING societies

Shank, Russell. Bibliography of technical reference literature and sources of information. The author '54 50p

ENGINEERS

American society for engineering education. Committee on the development of engineering faculties. Engineering and scientific manpower problems; an annot. bibliog, prepared by Morris A. Horowitz. Bur. of business & economic research, Northwestern univ. '57 37p

Harvard university. Graduate school of business administration. Engineering manpower; how to improve its productivity, a study prepared by Robert E. S. Arndt [and others] Engineering management reps. '57 p 143-54

Michigan. State university of agriculture and applied science, East Lansing. Labor and industrial relations center. Effective utilization of engineering personnel; proceedings of a conference, March 29 and 30, 1957. The center '57 p44-9

Parnes, Herbert S. Effective utilization of engineering manpower; a survey of the literature. President's com. on scientists & engineers '57? p22-9

Princeton university. Industrial relations section. Professional engineers and collective bargaining. (Sel. references, no69) The section '56 4p annot

United States Research and development board. Committee on human resources. Symposium on scientific and specialized manpower, 15-16 June 1953. (HMP 200/1) U.S. Research & development board '53 p 133-6

See also

Industrial engineers

Directories

Skallerup, H. R. Membership directories of American scientific and engineering societies. Sp Lib 48:14-18 Ja '57

ENGINES

See also

Airplane engines
Diesel engines
Internal combustion engines
Pistons
Pumping machinery

ENGLAND**Church history**

Cragg, Gerald Robertson. Puritanism in the period of the great persecution, 1660-1688. Cambridge '57 p303-20

Duckett, Eleanor Shipley. Saint Dunstan of Canterbury; a study of monastic reform in the 10th century. Norton '55 p233-41 annot

Flint, Charles Wesley. Charles Wesley and his colleagues; with introd. notes by Gerald Kennedy [and others] Public affairs press '57 p213-17

Hudson, W. S. British church history. Church Hist 25:258-61 S '56

James, Francis Godwin. North Country bishop; a biography of William Nicolson. (Yale historical pubs. Miscellany, 65) Yale univ. press '56 p281-95 annot

Knowles, David. Religious orders in England; v2. End of the middle ages. Cambridge '55 p376-88

Maynard, Theodore. Life of Thomas Cranmer. Regnery '56 p237-42

Scammell, Geoffrey Vaughan. Hugh du Puiset, bishop of Durham. Cambridge '56 p314-28

Sykes, Norman. From Sheldon to Secker; aspects of English church history, 1660-1768. (Ford lectures, 1958) Cambridge '59 p225-31

ENGLAND—Church history—*Continued*

- Skyes, Norman. William Wake, archbishop of Canterbury, 1657-1737. Cambridge '57 2v v2, p272-8
- Thompson, Craig Ringwalt. English church in the sixteenth century. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-18 annot

History

See Great Britain—History

Politics and government

See Great Britain—Politics and government

Religion

See also
Church of England

Social life and customs

- Pearson, Lu Emily (Hess). Elizabethans at home. Stanford univ. press '57 p611-23
- Stirling, Monica. Fine and the wicked; the life and times of Ouida. Coward-McCann '58 p217-20

ENGLISH drama

- Greg, Sir Walter Wilson. Bibliography of the English printed drama to the restoration. (Bibliog. soc. II. monographs, no24) Oxford '39-'59 4v annot
- Nicoll, Allardyce. History of English drama, 1660-1900. 2d ed. Cambridge '52-'59 6v v 1, p386-447; v2, p293-401, 430-52; v3, p231-408; v4, p245-643; v5, p229-350; v6, 565p
- Nottinghamshire county library, Nottingham, England. Plays for reading and production; a catalogue of the drama section. The library '55 109p

Medieval

History and criticism

- English religious drama of the middle ages. Oxford '55 p390-401

Early modern and Elizabethan

- Greg, Sir Walter Wilson. Bibliography of the English printed drama to the restoration. (Bibliog. soc. II. monographs, no24) Oxford '39-'59 4v annot
- Jewkes, Wilfred Thomas. Act division in Elizabethan and Jacobean plays, 1583-1616. Shoe string '58 p353-65

History and criticism

- Curry, John Vincent. Deception in Elizabethan comedy. (Jesuit studies; contributions to the arts and sciences by members of the Society of Jesus) Loyola univ. press '55 p 173-80

- Jewkes, Wilfred Thomas. Act division in Elizabethan and Jacobean plays, 1583-1616. Shoe string '58 p365-72

- Ribner, Irving. English history play in the age of Shakespeare. Princeton univ. press '57 p328-42

- Ryan, Pat M. Thomas Lodge, gentleman. Shoe string '58 p iii-xxxvii (at end)

- Schoenbaum, Samuel. Middleton's tragedies; a critical study. (Columbia univ. Studies in English and comparative literature, no 168) Columbia univ. press '55 p253-60

19th century

History and criticism

- Rowell, George. Victorian theatre; a survey. Oxford '56 p 159-89

ENGLISH fiction

History and criticism

- Allen, Walter Ernest. Novel to-day. (Bibliog. ser. of sups. to British bk. news) Longmans '55 p33-6

- Bell, Inglis F. and Baird, Donald. English novel, 1578-1956; a checklist of twentieth-century criticism. Swallow '59 169p

- Jones, C. E. Modern books dealing with the novel in English: a check list. Bul Bibliog 22:85-7 S '57

- Martin, Harold Clark, ed. Style in prose fiction [bibliog. by Harold C. Martin and Richard M. Ohmann] (English institute. Essays, 1958) Columbia univ. press '59 p 191-200

- Wagner, Hans. Der englische bildungsroman bis in die zeit des ersten weltkrieges. Juris-verlag '51 p5-12

Early modern (to 1700)

- Davys, Mary. Familiar letters betwixt a gentleman and a lady (1725) with an introd. and a bibliog. of epistolary fiction, 1660-1740, by Robert A. Day. (Augustan reprint soc. Pub. no54) William Andrews Clark memorial lib, Univ. of Calif. '55 p 1-10

18th century

- Davys, Mary. Familiar letters betwixt a gentleman and a lady (1725) with an introd. and a bibliog. of epistolary fiction, 1660-1740, by Robert A. Day. (Augustan reprint soc. Pub. no54) William Andrews Clark memorial lib, Univ. of Calif. '55 p 1-10

History and criticism

- Varma, Devendra P. Gothic flame, being a history of the gothic novel in England; its origins, efflorescence, disintegration, and residuary influences. Barker '57 p243-59

20th century

- Anderson, James. British novels of the twentieth century. (Reader's guides, 3d ser, 7) Nat. bk. league '59 32p annot

ENGLISH language

- Aus dem jahresverzeichnis der deutschen hochschulschriften 1921-19301-1953-1955) Z Ang & Amerik 4 no4:507-8; 5 no 1:120-7; no2:233-8; no3:345-50; no4:454-9; 6 no 1: 106-11; no2:219-23; no3:328-35; no4:438-42; 7 no 1:105-10; no2:223; no3:330-4; no4:440-3 '56-'59

- Lange, H. In arbeit befindliche dissertationen. Z Ang & Amerik 6 no2:213-18 '58

- Modern humanities research association. Annual bibliography of English language and literature, 1943-41-1953-1954 (V24-31) Cambridge '56-'60 8v

- Parkhurst, Charles Chandler, and Blais, Alice Amelia. Using words effectively. rev ed Harper '58 p 154-5

- Theses for the year 1955[1-1959] S Atlan Bul 21:14-16; 22:12-14; 23:11-13; 24:13-15; 25:9-11 N '55, N '56, N '57, N '58, N '59

Dialects

- Randolph, Vance, and Wilson, George P. Down in the holler; a gallery of Ozark folk speech. Univ. of Okla. press '53 p303-14

See also

Americanisms (speech)

Dictionaries

- United States. National security agency. Library. Writing aids; a sel. list of titles in NSA; comp. by Louis G. Wust. (Bibliog. research ser, no 17) Bibliog. research branch '56 66p

Foreign words and phrases

German

- Schönfelder, Karl Heinz. Deutsches lehnwort im amerikanischen englisch; ein beitrag zum problem der völker und sprachmischung. Niemeyer '57 p264-80

Grammar

- Behre, Frank. Meditative-polemic *should* in modern English *that*-clauses. (Gothenburg. Univ. Studies in English, 4) Almqvist '55 p 182-3

- Francis, Winthrop Nelson. Structure of American English; with a chapter on Am. English, dialects by Raven I. McDavid. Ronald '58 p598-602

- Roberts, Paul. Understanding grammar. Harper '54 p368-77

History

- Brook, George Leslie. History of the English language. (Language lib) Essential bks. '58 p211-20 annot

Phonetics

- Robson, Ernest M. and Kennedy, James T. Orchestra of the language. Yoseloff '59 p 199-200

- Thomas, Charles Kenneth. Introduction to the phonetics of American English. 2d ed Ronald '58 p261-7

Pronunciation

- Köckeritz, Helge. Shakespeare's pronunciation. Yale univ. press '53 p496-504

ENGLISH language—*Continued*

Rhetoric

United States. National security agency. Library. Writing aids; a sel. list of titles in NSA; comp. by Louis G. Wust. (Bibliog. research ser. no 17) Bibliog. research branch '56 66p

Semantics

Rudskoger, Arne. Fair, foul, nice, proper; a contribution to the study of polysemy. (Gothenburg studies in English, 1) Almqvist '52 p491-505

Thomas, Cleveland A. Language power for youth. Appleton '55 p257-65 annot

Study and teaching

Austin, Texas. Casis school. Spelling instruction; a curriculum-wide approach, by the Casis school faculty; directed and ed. by Thomas D. Horn [and] Henry J. Otto. (Pub. no2) Bur. of laboratory schools, Tex. univ. '54 p 152-60

Berry, Elizabeth. Guiding students in the English class. Appleton '57 incl bibliog annot

Burrows, Alvina T. Teaching composition. (What research says to the teacher, 18) Dept. of classroom teachers, Nat. education assn. '59 p31-2

Finocchiaro, Mary (Bonomo). Teaching English as a second language in elementary and secondary schools; foreword by Mario Pei. Harper '58 p323-32

Poster, E. College English for non-major students. Coll Engl 20:409-10+ My '59

Hatchett, Ethel Louise, and Hughes, Donald H. Teaching language arts in elementary schools; a functional-creative approach. (Douglass ser. in education) Ronald '56 incl bibliog annot

Jewett, Arno Joseph. English language arts in American high schools. (U.S. Office of education. Bul. 1958, no 13) U.S. Gov. ptg. office '59 p 105-22

Kitzhaber, Albert Raymond. Bibliography of rhetoric in American colleges, 1850-1900. (Bibliog. center for research. Rocky Mountain region, Denver. Special bibliogs, no2) Denver public lib. '54 21p

Lado, Robert. Annotated bibliography for teachers of English as a foreign language. (U.S. Office of education. Bul. 1955, no3) U.S. Gov. ptg. office '55 224p

Moore, Clarence D. and Hendrickson, Andrew. Annotated bibliography of materials for teachers of Americanization and literacy classes. Div. of adult education, Bur. of educational research & service, Ohio state univ. '58 12p

National council of teachers of English. Commission on the English curriculum. English language arts in the secondary schools. (NCTE curriculum ser, v3) Appleton '56 incl bibliog

Otterman, L. M. Value of teaching prefixes and word-roots. J Educ Res 48:615-16 Ap '55

Parke, M. B. Composition in primary grades. El Eng 36:117-21 F '59

Pooley, Robert C. Teaching English grammar. Appleton '57 incl bibliog

Rademacher, H. Motivating written composition. Ill Engl Bul 42:13-14 Ja '55

Santiago, Florence M. Inexpensive or free materials useful for teaching speech; a source list for secondary schools. Braun-Brumfield '59 142p

Shane, Harold Gray. Research helps in teaching the language arts; a rep. prepared for ASCD. Assn. for supervision & curriculum development '55 80p

Stevick, Earl W. Helping people learn English; a manual for teachers of English as a second language. Abingdon '57 p 127-30 annot

Strickland, Ruth Gertrude. Language arts in the elementary school, 2d ed Heath '57 incl bibliog

Syntax

Söderlind, Johannes. Verb syntax in John Dryden's prose. (Uppsala. Univ. Engelska seminarier. Essays and studies on English language and literature, 10, 19) Harvard univ. press '51-'58 2v v 1, p253-61; v2, p225-30

Text-books for foreigners

Lado, Robert. Annotated bibliography for teachers of English as a foreign language. (U.S. Office of education. Bul. 1955, no3) U.S. Gov. ptg. office '55 224p

Old English

See Anglo-Saxon language

Middle English (1100-1500)

Clarke, John Williams. Early English; a study of Old and Middle English. (Language lib) Essential bks. '57 p 161-70 annot

ENGLISH language in the United States

See also
Americanisms (speech)

ENGLISH literature

Concise Cambridge bibliography of English literature, 600-1950; ed. by George Watson. Cambridge '58 272p

London. University. Library. Sterling library; a catalogue of the printed bks. and literary mss. coll. by Sir Louis Sterling and presented by him to the Univ. of London. The library '54 p xi-xv

University interscholastic league. Prose and poetry bibliography, for use in the elementary school, junior and senior declamation, and poetry reading contests. (Tex. Univ. Pub. no5621 [i.e.] 5617) Univ. of Tex. '56 13p

See also

American literature

Australian literature

English drama

English fiction

English poetry

Literature, Comparative—English and French
Literature, Comparative—English and German
Literature, Comparative—English and Spanish

History and criticism

Aus dem Jahresverzeichnis der deutschen hochschulschriften 1921-1930[-1953-1955] Z Ang & Amerik 4 no4:507-8; 5 no 1:120-7; no2:233-8; no3:345-50; no4:454-9; 6 no 1:106-11; no2:219-23; no3:328-35; no4:438-42; 7 no 1:105-10; no2:223; no3:330-4; no4:440-3 '56-'59

Bredvoit, Louis Ignatius, and others, eds. Eighteenth century poetry & prose, 2d ed Ronald '56 p 1263-70

Cambridge bibliography of English literature; v5, Supplement: A.D. 600-1900; ed. by George Watson. Cambridge '57 710p

Concise Cambridge bibliography of English literature, 600-1950; ed. by George Watson. Cambridge '58 272p

Enkvist, Nils Erik. Seasons of the year; chapters on a motif from Beowulf to the Shepherd's calendar. (Finska vetenskaps-societeten, Helsingfors. Commentationes humanarum litterarum XXII, 4) Munksgaard '57 p 181-6 annot

Lange, H. In arbeit befindliche dissertationen. Z Ang & Amerik 6 no2:213-18 '58

Library association. County libraries section. English literature. rev ed (Readers' guide, new ser, no37) The section '57 63p

Modern humanities research association. Annual bibliography of English language and literature, 1943-4[-1953-1954] (V24-31) Cambridge '56-'60 8v

Moody, William Vaughn, and Lovett, Robert Morss. History of English literature; 7th ed. by Fred B. Millett. Scribner '56 p493-554 annot

Mummendey, Richard. Language and literature of the Anglo-Saxon nations as presented in German doctoral dissertations, 1885-1950; a bibliography. Bibliog. soc. of the Univ. of Va. '54 200p

National book league, London. Library. Books in the library on history & criticism of English literature and biographies of authors. The library '55 28p

Noyes, Russell. English romantic poetry and prose; sel. and ed. with essays and notes. Oxford '56 p 1291-6 annot

Spargo, John Webster. Biographical manual for students of the language and literature of England and the United States; a short-title list. 3d ed Hendricks house '56 285p

Year's work in English studies, 1944[-1956] ed. for the English association. (V23-37) Oxford '46-'58 13v

ENGLISH literature—Continued

Study and teaching

Leary, Lewis Gaston, ed. Contemporary literary scholarship; a critical review; for the Com. on literary scholarship and the teaching of English of the Nat. council of teachers of English [contributing auths: George K. Anderson and others] Appleton '58 p463-7 annot

Translations from German

Mönnig, Richard. Deutschland und die Deutschen im englisch-sprachigen Schrifttum, 1948-1955; eine bibliog. hrsg. von Inter Nationes e.v. Bonn. Vandenhoeck & Ruprecht '57 147p

Translations from Polish

Ordon, E. Reception of the Polish short story in English: reflections on a bibliography. Polish R 2:125-32 Spring '57
Ordon, E. Tentative bibliography of the Polish short story in English translation. Polish R 1:167-76 Spring '56

Translations from Spanish

Woodbridge, H. C. Spanish fiction in English translation: a bibliography for 1944-1955. Ky Foreign Lang Q 3 no4:197-205 '56

Translations into German

Price, Mary (Bell), and Price, Lawrence M. Publication of English humaniora in Germany in the eighteenth century. (Calif. Univ. Pubs. in modern philology, v44) Univ. of Calif. press '55 216p

Early modern to 1700

Francis Bacon foundation, Pasadena, California. Library. Wing (Short title catalogue 1641-1700) numbers in the Library; comp. by Elizabeth S. Wrigley. The Library '59 186p

Oxford. University. Bodleian library. English literature in the seventeenth century: guide to an exhibition held in 1957. The library '57 167p

Oxford. University. Christ church. Library. Christ Church supplement to Wing's Short-title catalogue, 1641-1700, by W. G. Hiscock. Hollywell press '56 47p

History and criticism

English literature, 1660-1800; a current bibliography. Philol Q 34:225-334; 35:225-345; 36:289-416; 37:257-367; 38:257-369 J1 '55, J1 '56, J1 '57, J1 '58, J1 '59 annot

Nugent, Elizabeth M. ed. Thought & culture of the English renaissance; an anthology of Tudor prose, 1481-1555; introd. by Douglas Bush [and others] Cambridge '56 p691-8

18th century

Rothschild, Nathaniel Mayer Victor, baron. Rothschild library; a catalogue of the coll. of eighteenth-century ptd. bks. and mss. formed by Lord Rothschild. Cambridge '54 2v

Todd, William Burton. New adventures among old books; an essay in 18th cent. bibliography. (Lib. ser, no4) Libs, Kan. univ. '58 33p

History and criticism

English literature, 1660-1800; a current bibliography. Philol Q 34:225-334; 35:225-345; 36:289-416; 37:257-367; 38:257-369 J1 '55, J1 '56, J1 '57, J1 '58, J1 '59 annot

Kluth, K. Nezerfrage in der englischen literatur des 18. jahrhunderts. Z Angl & Amerik 5 no 1:68-89 '57

Woods, George Benjamin, ed. English poetry and prose of the romantic movement. rev ed Scott '50 p 1400-57

19th century

History and criticism

Helling, Rafael. Century of Trollope criticism. (Finska vetenskaps-societeten, Helsingfors. Commentationes humanarum litterarum, XXII, 2) Munksgaard '56 p 184-9

Parrott, Thomas Marc, and Martin, Robert Bernard. Companion to Victorian literature. Scribner '55 incl bibliog

Porter, Katherine H. Through a glass darkly: spiritualism in the Browning circle. Univ. of Kan. press '58 p 150-5

Victorian bibliography for 1954[-1958] Mod Philol 52:233-61; 53:239-73; 54:234-69 My '55, My '56, My '57; Victorian Stud 1:383-422; 2:351-92 Je '58, Je '59 annot

Woods, George Benjamin, ed. English poetry and prose of the romantic movement. rev ed Scott '50 p 1400-57

Wright, Austin, ed. Bibliographies of studies in Victorian literature for the ten years, 1945-1954; comp. by William Frost [and others] Univ. of Ill. press '56 310p

20th century

Daiches, David. Present age in British literature. Ind. univ. press '58 p 171-368

History and criticism

Daiches, David. Present age in British literature. Ind. univ. press '58 p 171-368

Walker, Brenda Mary. Angry young men: aspects of contemporary literature. (Special subject lists, no23) Lib. assn. '57 17p

Philippine Islands

See Philippine literature (English)

ENGLISH philology

Bibliography of Swedish works on Romance, English and German philology, 1952-1955. (In Nyfilologiska sällskapet i Stockholm. Studier i modern språkvetenskap. (V 19) Almqvist '56 p 198-209)

Mummendey, Richard. Language and literature of the Anglo-Saxon nations as presented in German doctoral dissertations, 1885-1950; a bibliography. Bibliog. soc. of the Univ. of Va. '54 200p

ENGLISH poetry

Fairchild, Hoxie Neale. Religious trends in English poetry; v4, 1830-1880, Christianity and romanticism in the Victorian era. Columbia univ. press '57 p563-77

Moore, Geoffrey. Poetry to-day. (Bibliog. ser. of sups. to British bk. news) Longmans '58 p69-79

Collections

Cameron, William James. Bibliography of English poetical miscellanies, 1660-1720, in the Alexander Turnbull library. (Bul. no 11) Alexander Turnbull lib. '53 33p

Early modern to 1700

Cameron, William James. Bibliography of English poetical miscellanies, 1660-1720, in the Alexander Turnbull library. (Bul. no 11) Alexander Turnbull lib. '53 33p

History and criticism

Evans, Maurice. English poetry in the sixteenth century. (Hutchinson's univ. lib. English literature) Hutchinson '55 p 176-80

Selig, Edward L. Flourishing wreath; a study of Thomas Carew's poetry. (Yale univ. Yale college. Scholars of the house ser, v2) Yale univ. press '58 p 180-5

18th century

History and criticism

Chapin, Chester Fisher. Personification in eighteenth-century English poetry. King's crown press '55 p 161-70

19th century

Faverty, Frederic Everett. Victorian poets: a guide to research by Paul Franklin Baum [and others] Harvard univ. press '56 292p annot

Gérard, Albert. L'idée romantique de la poésie en Angleterre; études sur la théorie de la poésie chez Coleridge, Wordsworth, Keats et Shelley. (Bibliothèque de la Faculté de philosophie et lettres de l'Univ. de Liège, no 136) Les Belles lettres '55 p379-404

History and criticism

Faverty, Frederic Everett. Victorian poets: a guide to research by Paul Franklin Baum [and others] Harvard univ. press '56 292p annot

Gérard, Albert. L'idée romantique de la poésie en Angleterre; études sur la théorie de la poésie chez Coleridge, Wordsworth, Keats et Shelley. (Bibliothèque de la Faculté de philosophie et lettres de l'Univ. de Liège, no 136) Les Belles lettres '55 p379-404

Voisine, Jacques. J.-J. Rousseau en Angleterre à l'époque romantique; les écrits autobiographiques et la légende. (Études de littérature étrangère et comparée, 31) Didier '56 p445-63

ENGRAVING

See also
Lithography
Wood engraving

History

Delen, Adrien Jean Joseph. De grafische kunsten dor de eeuwen heen. Standaard-boekhandel '56 p245-53

ENGRAVINGS

Phillips, John Goldsmith. Early Florentine designers and engravers: Maso Finiguerra, Baccio Baldini, Antonio Pollaiuolo, Sandro Botticelli, Francesco Rosselli; a comparative analysis of early Florentine nielli, intarsias, drawings, and copperplate engravings. Harvard univ. press '55 p89-90

United States. Library of Congress. Reference department. Guide to the special collections of prints & photographs in the Library of Congress; comp. by Paul Vanderbilt. The department '55 200p

Zigrosser, Carl. Book of first prints; an anthology of ptd. pictures and introd. to the study of graphic art in the West and East. rev ed Crown '56 p233-8 annot

ENKÖPING, Sweden

Järbe, Bengt, and Nilsson, Nils Eric. Enköpings bibliografi; 1. Tidningsartiklar t. o. m. år 1953. Enköpings-posten '56 54p

ENLIGHTENMENT

Colie, Rosalie Littell. Light and enlightenment; a study of the Cambridge Platonists and the Dutch Arminians. Cambridge '57 p 145-56

Philipp, Wolfgang. Das werden der aufklärung in theologiegeschichtlicher sicht. (Forschungen zur systematischen theologie und religionsphilosophie, v3) Vandenhoeck & Ruprecht '57 p 186-218

Snyder, Louis Leo. Age of reason. (Anvil original no6) Van Nostrand '55 p 181

Vyverberg, Henry. Historical pessimism in the French enlightenment. (Harvard univ. Harvard historical monographs, no36) Harvard univ. press '58 p233-47 annot

ENSEMBLES (mathematics) See Aggregates

ENSILAGE. See Silage

ENTAMEBA. See Endameba

ENTERITIS. See Intestines—Diseases

ENTEROBACTERIACEAE

Cooper, M. L. and others. Detection of a new serotype of *escherichia coli*, *E. coli* 0127:B8, associated with acute diarrhea in infants. J Bact 69:692-4 Je '55

Studies of biosynthesis in *escherichia coli* [by] Richard B. Roberts [and others] (Pub. 607) Carnegie inst. of Washington '55 p453-521

Weil, Alfred J. and Saphra, Ivan. Salmonellae and shigellae; laboratory diagnosis correlated with clinical manifestations and epidemiology. Thomas '53 p231-40

See also

Shigella

ENTERTAINING

Duran, Clement A. Program encyclopedia. Assn. press '55 p605-14

See also

Amusements

ENTOMOLOGY. See Insects

ENTOMOLOGY, Economic. See Insects, Injurious and beneficial

ENTRANCE requirements for colleges and universities. See Colleges and universities—Entrance requirements

ENTREPRENEUR

Cole, Arthur Harrison. Business enterprise in its social setting. Harvard univ. press '59 p251-60

ENVIRONMENT

See also

Adaptation (biology)

Ecology

Phenocopy

ENZYMES

Alexander, M. Localization of enzymes in the microbial cell. Bact R 20:88-93 Je '56

Anderson, A. D. and March, R. B. Inhibitors of carbonic anhydrase in the American cockroach, *periplaneta americana* (L.) Can J Zool 34:73-4 F '56

Aronson, D. L. and others. Enzyme alteration by ionizing radiation. Radiation Res 5:235-7 S '56

Beardell, Anthony James. Effect of high hydrostatic pressure on the kinetics of the enzymatic hydrolysis of adenosine triphosphate. Catholic univ. of Am. press '54 p27-8

Burnet, Sir Frank Macfarlane. Enzyme, antigen and virus; a study of macromolecular pattern in action. Cambridge '56 p 180-93

Cohen, G. N. and Monod, J. Bacterial permeases. Bact R 21:191-4 S '57

Cohn, M. Contributions of studies on the β -galactosidase of *escherichia coli* to our understanding of enzyme synthesis. Bact R 21:164-8 S '57

Cole, J. S. and others. Studies in the physiology of parasitism. Ann Bot 20:38, 103, 190 Ja '56

Cota-Robles, E. H. and others. Submicroscopic particles in extracts of *azotobacter agilis*. J Bact 75:251-2 Mr '58

Dunn, C. G. Production of amylolytic enzymes in natural and synthetic media. Ap Microbiol 7:217-18 Jl '59

Goldman, D. S. Enzyme systems in the mycobacteria. J Bact 71:735-6; 72:405; 73:606-7 Je '56, My '57

Hakala, M. T. and Welch, A. D. Polyglutamate form of citrovorum factor synthesized by *bacillus subtilis*. J Bact 73:40-1 Ja '57

Hochster, R. M. Formation of phosphorylated sugars from D-xylose by extracts of *Pseudomonas hydrophila*. Can J Microbiol 1:361-3 Ap '55

Howe, C. and others. Enzymes of *clostridium tertium*. J Bact 74:375-6 S '57

Hussain, A. and Kelman, A. Role of pectic and cellulolytic enzymes in pathogenesis by *Pseudomonas solanacearum*. Phytopathology 48:385-6 Jl '58

International symposium on enzyme chemistry, Tokyo and Kyoto, 1957. Proceedings. (Int. union of biochemistry. Symposium ser, v2) Maruzen '58 incl bibliog

Levinson, H. S. and others. Pyrophosphatase activity of *bacillus megaterium* spore and vegetative cell extracts. J Bact 75:298-9 Mr '58

Lyman, R. L. and Lepkovsky, S. Effect of raw soybean meal and trypsin inhibitor diets on pancreatic enzyme secretion in the rat. J Nutrition 62:283-4 Je '57

Manning, G. B. and Campbell, L. L. Asparagine deamidase of *bacillus coagulans* and *bacillus stearothermophilus*. Can J Microbiol 3:1008-9 D '57

Nair, N. B. Physiology of digestion in *bankia indica*. Madras Univ J secB 26:625-7 D '56

Nason, A. Function of metals in enzyme systems. Soil Sci 85:74-7 F '58

Neillands, John Brian, and Stumpf, Paul Karl. Outlines of enzyme chemistry; with a chapter on the synthesis of enzymes by Roger Y. Stanier. 2d ed rev & enl Wiley '53 incl bibliog

Peck, H. D. and Gest, H. Formic dehydrogenase and the hydrogenlyase enzyme complex in *coli-aerogenes* bacteria. J Bact 73:720-1 Je '57

Rotman, B. and Spiegelman, S. On the origin of the carbon in the induced synthesis of β -galactosidase in *escherichia coli*. J Bact 68:428-9 O '54

Rudnick, D. and others. Enzymes of glutamine metabolism in the developing chick embryo. J Exp Zool 126:320-1 Jl '54

Shirley, R. L. and others. Effect of dietary protein level on several oxidative enzymes of the heart, muscle and liver of cattle. J Nutrition 67:165-6 Ja '59

Strauss, B. S. Mechanism of gene interaction. Am Natur 89:148-9 My '55

Sylvén, Bengt Erik Gustaf Wilhelm, and Malmgren, H. Histological distribution of proteinase and peptidase activity in solid tumor transplants; a histochemical study on the enzymic characteristics of the different tumor cell types. (Sup 154) Acta radiologica '57 p 115-24

Underkofler, L. A. and others. Production of microbial enzymes and their applications. Ap Microbiol 6:220 My '58

Wang, H. and others. Studies on enzymatic tenderization of meat. Food Res 20:597; 23:421-2, 433 N '55, S '58

Wu, C. Y. and Tsou, C. L. Simultaneous oxidation of succinate and reduced enzyme systems. Scientia Sinica 4:153-5 Mr '55

See also

Aconitase

Adenosinetriphosphatase

Autolysis

ENZYMES—*Continued*

- Carbonic anhydrase
Cellulases
Cholinesterase
Coenzymes
Cytochrome oxidase
Dehydrogenases
Fermentation
Galactosidase
Hyaluronidase
Hydrogenases
Lactase
Lipolysis
Lysozyme
Rennin
- ENZYMES, Plant**
Cheng, S. C. Terminal respiratory enzymes in neurospora tetrasperma. *Plant Physiol* 29:466-7 S '54
Dietrich, W. C. and others. Effect of degree of enzyme inactivation and storage temperature on quality retention in frozen peas. *Food Res* 20:490-1 S '55
Dugger, W. M. and others. Influence of boron on starch phosphorylase and its significance in translocation of sugars in plants. *Plant Physiol* 32:370 JI '57
Evans, H. J. Studies on cytochrome reductase in higher plants. *Plant Physiol* 30:443-4 S '55
Gibbs, M. and others. Respiration of the pea plant. *Plant Physiol* 30:467 S '55
Gothoskar, S. S. and others. Role of enzymes in the development of fusarium wilt of tomato. *Phytopathology* 45:386-7 JI '55
Mazelis, M. Particulate arenyl kinase in higher plants. *Plant Physiol* 31:43 Ja '56
Mazelis, M. and Vennesland, B. Carbon dioxide fixation into oxalacetate in higher plants. *Plant Physiol* 32:599-600 N '57
Miller, G. and Evans, H. J. Influence of salts on pyruvate kinase from tissues of higher plants. *Plant Physiol* 32:354 JI '57
Stafford, H. A. Dehydrogenase activity of hydroxymalonate and related acids in higher plants. *Plant Physiol* 31:140-1 Mr '56
Stanley, R. G. and Conn, E. E. Enzyme activity of mitochondria from germinating seedlings of sugar pine (*pinus lambertiana* Dougl.) *Plant Physiol* 32:417-18 S '57
Varner, J. E. and Webster, G. C. Studies on the enzymatic synthesis of glutamine. *Plant Physiol* 30:401-2 S '55
Wagenknecht, A. C. and Lee, F. A. Enzyme action and off-flavor in frozen peas. *Food Res* 23:30-1, 589-90 Ja, N '58
Waggoner, P. E. and Dimond, A. E. Production and role of extracellular pectic enzymes of fusarium oxysporum f. lycopersici. *Phytopathology* 45:86-7 F '55
Ward, J. M. Enzymatic oxidation of ascorbic acid in the slime mold, *Physarum polycephalum*. *Plant Physiol* 30:66-7 Ja '55
Waygood, E. R. and others. Enzymically catalyzed oxidation of indoleacetic acid. *Can J Bot* 34:925-6 N '56
Weinstein, L. H. and others. Effect of ethylenediaminetetraacetic acid on nitrogen metabolism and enzyme patterns in soybean plants. Boyce Thompson Inst Contrib 18: 368-70 O '56
- EOCENE period.** See Geology, Stratigraphic—*Eocene*
- EPHEMERIDAE.** See Mayflies
- EPHEMEROPTERA.** See Mayflies
- EPIC literature**
History and criticism
Nitze, William Albert, and Williams, Harry Franklin. Arthurian names in the Perception of Chrétien de Troyes; analysis and commentary. (Calif. Univ. Pubs. in modern philology, v38, no3) Univ. of Calif. press '55 p295-7
- EPIC poetry**
Cellier, Léon. L'épopée romantique. (Grenoble. Univ. Faculté des lettres. Pubs. 11) Presses universitaires de France '54 p275-6
- EPICURUS, 342?-279 B.C.**
Festugière, André Marie Jean. Epicurus and his gods (Epicure et ses dieux) tr. by C. W. Chilton. Harvard univ. press '56 p95-6 annot
- EPIDEMICS**
Bailey, Norman T. J. Mathematical theory of epidemics. Hafner pub. co. '57 p 184-9
Fuller, H. S. Experimental epidemiology in relation to arthropod-borne disease. *J Econ Entomol* 47:428-9 Je '54

- Paul, John Rodman. Clinical epidemiology. (Scientist's lib: biology and medicine) Univ. of Chicago press '58 p267-81
Price, W. H. Epidemic climate. *Pub Health Rep* 71:137-8 F '56
See also
Communicable diseases
Plague
- EPIDEMIOLOGY**
Brünn. Universita. Knihovna. Hygiene, epidemiologie a bakteriologie; sest. R. Trautmann za spoluprace V. Bednářové a O. Libala. (Výběrové seznam, 15) The library '57 98p
- EPIGRAPHY.** See Inscriptions
- EPILEPSY**
Ajmone-Marsan, Cosimo, and Ralston, Bruce L. Epileptic seizure, its functional morphology and diagnostic significance: a clinical-electrographic analysis of metrazol-induced attacks. Thomas '57 p232-8
American public health association. Committee on child health. Services for children with epilepsy; a guide for public health personnel. The association '58 p 121-4
Angers, W. P. Psychometric study of institutionalized epileptics on the Wechsler-Bellevue. *J Gen Psychol* 58:246-7 Ap '58
Benton, Arthur Lester, ed. & tr. Rorschach and the epileptic personality (Le test de Rorschach et la personnalité épileptique) [by] J. Delay [and others] tr. by Rita and Arthur L. Benton; with commentary by Zygmunt A. Piotrowski. (Logos pub. in behavioral science) Logos press '58 p234-41, 253
Fairfield, Letitia Denny. Epilepsy; grand mal, petit mal, convulsions. Philosophical lib. '57 p 156-9
Green, John Raymond, and Steelman, Harry F. eds. Epileptic seizures; a correlative study of historical, diagnostic, therapeutic, educational, and employment aspects of epilepsy. Williams & Wilkins '56 incl bibliog
International colloquium on temporal lobe epilepsy. 2d, Bethesda, 1957. Temporal lobe epilepsy; ed. by Maitland Baldwin [and others] Thomas '58 incl bibliog
Lund, Mogens. Epilepsy in association with intracranial tumour. (Acta psychiatrica et neurologica scandinavica. Sup no81) Munksgaard '52 p 133-49
Moore, M. T. Treatment of the epileptic individual. Albert Einstein Med Cent J 3:21-3 N '54
Suter, C. Psychological factors in epilepsy. *Neuropsychiatry* 3:170-1 Fall '55
- Diagnosis**
Wallis, Hugh Roland Eyre. Masked epilepsy. *Livingstone* '56 p50-1
- EPILOGS.** See Prologs and epilog
- EPINEPHRIN**
See also
Adrenalin
- EPIPHYTES.** See Air plants
- EPITHELIUM**
Lash, J. W. Experiments on epithelial migration during the closing of wounds in urodeles. *J Exp Zool* 131:254-6 Ap '56
- EQUATIONS**
Greenspan, D. On popular methods and extant problems in the solution of polynomial equations. *Math Mag* 31:250-3 My '58
Teddington, England. National physical laboratory. Modern computing methods. (Notes on applied science, no 16) H.M.S.O. '57 incl bibliog
- EQUATIONS, Differential.** See Differential equations
- EQUATIONS, Integral.** See Integral equations
- EQUATIONS, Linear.** See Linear equations
- EQUILIBRIUM, Chemical.** See Chemical equilibrium
- EQUILIBRIUM, Economic**
Arrow, K. J. and Hurwicz, L. On the stability of the competitive equilibrium. *Econometrica* 26:551-2; 27:109 O '58-Ja '59
- EQUIPMENT, Industrial.** See Industrial equipment
- EQUUS**
Gromova, Vera Isaakovna. Le genre equus; tr: Pietrsson de Saint-Aubin. (Annales, no 13) Centre d'études & de docs. paléontologiques '55 2v v 1, p 194-202
- ERASMUS, Desiderius, d 1536**
Erasmus, Desiderius. Poems; with introd. and notes [by] Cornelis Reedijk. Brill '56 p413-23

- ERASMUS, Desiderius—Continued**
Telle, Emile Villemeur. *Erasme de Rotterdam et le septième sacrement; étude d'évangélisme matrimonial au XVI. siècle et contribution à la biographie intellectuelle d'Erasme*. Droz '54 p481-92
- ERGOMETER**. See Dynamometer
- ERIXON, Sigurd Emanuel**, 1888-
Stockholm. Nordiska museet. Sigurd Erixons tryckta skrifter, 1911-1957; förteckning upprättad till hans sjuttioårsdag 26. mars 1958. The museum '58 111p
- ERMENGEM, Frédéric van**, 1881-
Hommage à Franz Hellens [pseud] *Le dernier disque vert*. Michel '57 p305-13
- ERMLAND**
Chojnacki, Władysław, ed. *Sprawy Mazur i Warmii w korespondencji Wojciecha Kętrzyńskiego. Zakład narodowy im. Ossolińskich* '52 p325-6
- ERNST, Alfred**, 1875-
Prof. Dr. Alfred Ernst. Verzeichnis der publikationen, 1901-1951. Orell Füssli '51 12p
- EROSION**
Hampel, L. Probleme der oberflächenformung in Grossbritannien unter klimamorphologischer fragestellung. Petermanns Geog Mitt 102 no2:88-9 '58
Hilst, G. R. and Nickola, P. W. On the wind erosion of small particles. *Am Meteorol Soc Bul* 40:77 F '59
Johnson, J. W. Littoral drift problem at shoreline harbors. *Am Soc Civil Eng Proc* 83 [WW 1 no 1211]:34-7 '57
Schumm, S. A. Evolution of drainage systems and slopes in badlands at Perth Amboy, New Jersey. *Geol Soc Am Bul* 67:646 My '56
Smith, D. D. and Wischmeier, W. H. Factors effecting sheet and rill erosion. *Am Geophys Union Trans* 38:895-6 D '57
Stübner, Kurt. Luftbild und bodenerosion; eine interpretation von erscheinungsformen und intensität der bodenerosion im luftbild und gelände. Verlag Technik '55 p91-5
Van Dijk, D. C. Soil features in relation to erosional history in the vicinity of Canberra. (Soil pub. no 13) Commonwealth scientific & industrial research organization '59 p39-41
See also
Coast changes
Pediments (geology)
Wind erosion
- EROTIC literature**
Ginzburg, Ralph. *Unhurried view of erotica; with an introd. by Theodor Reik and pref. by George Jean Nathan*. Ltd ed Helsman press '58 p 117-25
- EROTYLIDAE**
Boyle, Wilford Wayne. Revision of the erotylidae of America north of Mexico (coleoptera) (Bul. v 110, article 2) *Am. museum of natural history* '56 p 154-7
- ERRORS**
Tabori, Paul. Natural science of stupidity [introd. by Richard Armour] Chilton co. '59 p265-7
- ERRORS, Theory of**
Rainsford, Hume Frederick. Survey adjustments and least squares. Ungar '58 p303-16
- ERUCATION**
Colvin, H. W. and others. Dietary influences on eructation and related ruminal phenomena in cattle. *J Dairy Sci* 41:1578-9 N '58
- ERYTHREMIA**
Lawrence, John Hundale. Polycythemia: physiology, diagnosis, and treatment based on 303 cases. (Modern medical monographs, 13) Grune '55 p 121-33
- ERYTHROCYTES**
Behrendt, Hans Joseph. Chemistry of erythrocytes: clinical aspects. Thomas '57 incl bibliog
- ERYTHROMYCIN**
Herrell, Wallace Edgar. Erythromycin; foreword by Henry Welch and Félix Martí Ibáñez. (Antibiotics monographs, no 1) Medical encyclopedia '55 p53-6
Streightoff, F. Erythromycin, studies of its mode of action. *Butler Univ Bot Stud* 13: 212-14 D '58
- ESCANDE, Léopold**
Notice sur les travaux scientifiques de M Léopold Escande. E. Privat '53 p 139-51
- ESCHATOLOGY**
Correll, Alf. Consummatum est; eschatology and church in the Gospel of St John. Macmillan '58 p213-37
- Fischer, Joseph Anton. Studien zum todesgedanken in der alten kirche; die beurteilung des natürlichen todes in der kirchlichen literatur der ersten drei jahrhunderte. Hueber '54 p ix-xxv
- Petry, Ray C. Christian eschatology and social thought; a historical essay on the social implications of some sel. aspects in Christian eschatology to A.D. 1500. Abingdon '56 p381-96
- Summers, Ray. *Life beyond*. Broadman '59 p217-25
See also
Millennium
Second Advent
- ESCHENBERG, Johann Joachim**, 1743-1820
Meyen, Fritz. Johann Joachim Eschenburg, 1743-1820, professor am Collegium Carolinum zu Braunschweig; kurzer abriss seines lebens und schaffens nebst bibliographie. (Braunschweiger werkstücke; veröfentlichungen aus archiv, bibliothek und museum der stadt, v20) Waisenhausbuchdr. & verlag '57 p68-125
- ESKIMOS**
Malaunie, Jean. Last kings of Thule; a year among the Polar Eskimos of Greenland; tr. by Gwendolen Freeman; with a pref. by G. De Poncins. Crowell '56 p288-90
Van Stone, J. W. Archaeological reconnaissance of Nunivak island, Alaska. *Alaska Univ Anthropol Pa* 5:112-13 My '57
- Antiquities**
Collins, H. B. Archaeological research in the North American Arctic. *Arctic* 7 no3:304-6 '54
Ford, James Alfred. Eskimo prehistory in the vicinity of Point Barrow, Alaska; with an app: Skeletal remains from the vicinity of Point Barrow, Alaska, by T. D. Stewart. (Anthropological papers, v47, pt 1) *Am. museum of natural history* '59 p256-8
Giddings, J. L. Flint site in northernmost Manitoba. *Am Antiq* 21:266-8 Ja '56
Harp, E. Prehistory in the Dismal Lake area, N.W.T., Canada. *Arctic* 11 no4:248-9 '58
- Canada**
Fried, Jacob, ed. Survey of the aboriginal populations of Quebec and Labrador. (Eastern Canadian anthropological ser, no 1) McGill univ. '55 p 1-52
- Greenland**
William Thalbitzer bibliografi, 1900-1953. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 140, no 1) Reitzel '54 28p
- ESOPHAGEAL speech**. See Speech
- ESOPHAGUS**
Cancer
Wagensteen, Owen Harding. Cancer of the esophagus and the stomach. 2d ed *Am. cancer soc.* '56 p 139-44
Diseases
Kuosmanen, Otso. Über das vorkommen von hiatushernien und kardiainsuffizienz in verbindung mit pleuraschwarte. (Sup 153) *Acta radiologica* '57 p70-6
Terracol, Jean, and Sweet, Richard Harwood. Diseases of the esophagus. Saunders '58 p597-669
Surgery
Bendict, Edward Benson, and Nardi, George L. Esophagus; medical and surgical management; foreword by Edward D. Churchill. Little '58 incl bibliog
- ESPERANTO**
Gjivoje, Marinko. Bibliografija međunarodnog jezika u Jugoslaviji. Federacija esperantista Jugoslavije '54 40p
- ESPIONAGE**
Asprey, Robert B. Panther's feast. Putnam '59 p295-303
Hellbrunn, Otto. Soviet secret services. (Bks. that matter) Praeger '56 p205-9
See also
Wire tapping
- ESSEN, Germany**
Cathedral
Zimmermann, Walther. Das münster zu Essen. (Die kunstdenkmäler des Rheinlands. Sup3) Fredebeul & Koenen '56 p 10-15

ESSENCES and essential oils

- García Aráez, H. *Esencias naturales*; prólogo del Excmo. Sr. D. Manuel Lora Tamayo. Aguilar '53 incl bibliog
 Guenther, E. and others. Essential oils and related products. *Anal Chem* 27:676-7; 29: 636-7; 31:685-7 Ap '55, Ap '57, Ap '59

ESTATES (law)

- Byrd, James A. Selected and annotated bibliography of estate planning. (Bibliog. ser. 13) Bur. of business research, Univ. of Tex. '57 41p
 Pinet, Frank. Probated estates in Kansas, 1940 and 1950; an analysis of their size and composition. Bur. of business research, Univ. of Kan. '56 p73-4
 Stephenson, Gilbert Thomas. Estates and trusts. rev ed Appleton '55 incl bibliog
 Washington (state). University. College of business administration. Bibliography on estate planning and related subjects; comp. by Bette Jeanne Borell. The college '54? vp
 —[1955[1956] supplement. The college '55?-'56? 2v

ESTATES general. See France—Etats généraux**ESTERIFICATION**

- Peterson, M. L. and Way, J. W. Esterification. *Ind & Eng Chem* 47:1855-6; 48:1583-4; 49:1489-90; 50:1340; 51:1085 S '55, S '56, S '57, S '58, S '59

ESTHERIDS. See Branchiopoda, Fossil**ESTHETICS**

- Bibliographie 1950. *Jahrb Ästhetik & Allgem Kunstwiss* 2:191-220 '54
 Hesselgren, Sven. Arkitekturens uttrycksmedel; en arkitekturteoretisk studie med tillämpning av experimentalspsykologi och semantik. Almqvist '54 p347-59
 Jarrett, James L. *Quest for beauty*. Prentice-Hall '57 p309-11 annot
 José Prades, Juana de. *La teoría literaria* (retóricas, poéticas, preceptivas, etc) (Monografías bibliográficas, 3. Literatura, 1) Inst. de estudios madrileños '54 55p
 Osborne, Harold. Aesthetics and criticism. Philosophical lib. '55 p325-34
 Peterson, C. Recent studies in the field of psychological aesthetics. *J Home Econ* 50: 769-71 D '58
 Selective current bibliography for aesthetics and related fields 1954[1958] *J Aesthetics* 13:550-64; 14:523-41; 15:507-28; 16:546-72; 17:539-56 Je '55, Je '56, Je '57, Je '58, Je '59
 Weitz, Morris, ed. *Problems in aesthetics*; an introd bk. of readings. Macmillan '59 incl bibliog annot
See also

Art

- Art—Philosophy
 Classicism
 Color
 Criticism
 Poetry
 Romanticism
 Surrealism

History

- Nivelle Armand. *Les théories esthétiques en Allemagne de Baumgarten à Kant*. (Liège. Univ. Faculté de philosophie et lettres. Bibliothèque no 134) Les Belles lettres '55 p365-91

ESTILL county, Kentucky

- Jillson, Willard Rouse. Bibliography of Estill county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, cartography, coal, ores, oil, and gas, with annots. 1784-1956. Anderson press '57 34p

ESTIMATION (statistics)

- Kaplan, E. L. and Meier, P. Nonparametric estimation from incomplete observations. *Am Stat Assn J* 53:480-1 Je '58

ESTONIA

- United States. Library of Congress. Slavic and central European division. Estonia; a sel. bibliog; comp. by Salme Kuri. The division '58 74p

ESTONIAN literature

- Kangro, Bernard. Eesti raamat vabas maailmas; bibliograafiline ülevaade 1944-1956 Eesti rahvusfond '57 23p

ESTREMADURA, Spain

- Sánchez Loro, Domingo. Bibliografía de Extremadura. (Biblioteca extremeña, no 1) Dept. provincial de seminarios de F.E.T. y de las J.O.N.S. '51 89p

ESTROGENS

- Bailey, R. E. Effect of estradiol on serum calcium, phosphorus, and protein of goldfish. *J Exp Zool* 136:468-9 D '57

- Greenwald, G. S. Interruption of pregnancy in the rabbit by the administration of estrogen. *J Exp Zool* 135:476-8 Ag '57
 Grundy, J. Artificial estrogens. *Chem R* 57: 402-16 Ap '57

- Melampy, R. M. and others. Estrogen excretion by cows after oral administration of diethylstilbestrol. *J Animal Sci* 18:185-6 F '59

- Smith, E. P. and others. Fluorimetric estimation of estrogens in bovine urine. *J Dairy Sci* 39:169-70 F '56

ESTRUATION

- Armstrong, D. T. and Hansel, W. Alteration of the bovine estrous cycle with oxytocin. *J Dairy Sci* 42:541-2 Mr '59
 Bain, A. M. Estrus and infertility of the thoroughbred mare in Australasia. *Am Vet Med Assn J* 131:184-5 Jl '57
 Melampy, R. M. and others. Effect of progesterone on the estrous response of estrogen-conditioned ovariectomized cows. *J Animal Sci* 16:974-5 N '57

ETATS généraux. See France—Etats généraux**ETHER (of space)**

- Rasmussen, Eigil. Matter and gravity; logic applied to physics in a common-sense approach to the classical ether theory. *Exposition* '58 p72-5

ETHICAL education. See Character education**ETHICS**

- Baylis, Charles Augustus. Ethics, the principles of wise choice. Holt '58 incl bibliog
 Brandt, Richard B. Ethical theory; the problems of normative and critical ethics. (Prentice-Hall philosophy ser) Prentice-Hall '59 incl bibliog
 Higgins, Thomas J. Man as man; the science and art of ethics. rev ed Bruce pub. '58 incl bibliog
 Hill, Thomas English. Ethics in theory and practice. Crowell '56 incl bibliog
 Hourani, George Fadlo. Ethical value. Univ. of Mich. press '56 p227-30
 Ladd, John. Structure of a moral code; a philosophical analysis of ethical discourse applied to the ethics of the Navaho Indians. Harvard univ. press '57 p427-36
 Meynard, Léon. Morale pour toute séries et classes. (Cours de philosophie) Belin '56 incl bibliog
 Mothershead, John Leland. Ethics; modern conceptions of the principles of right. Holt '55 p317-23 annot
 Munitz, Milton Karl, ed. Modern introduction to ethics; readings from classical and contemporary sources. (Free press textbks. in philosophy) Free press '58 p631-40
 Oesterle, John A. Ethics: the introduction to moral science. Prentice-Hall '57 incl bibliog
 Titus, Harold Hopper. Ethics for today. 3d ed Am. bk. co. '57 incl bibliog
 Zani, Lucia. *L'etica di Lord Shaftesbury*. Marzorati '54 p 117-21
See also

Character

- Character education
 Christian ethics
 Christian life
 Conduct of life
 Crime and criminals
 Divorce
 Justice
 Liberty
 Medical ethics
 Sin
 Social ethics
 Spirituality
 Stoics
 Suicide

Woman—Social and moral questions**ETHICS and law. See Law and ethics****ETHIOPIA**

- Addis Ababa. Chamber of commerce. Guide book of Ethiopia. The chamber '54 p 417-33
 Brummelkamp, Jacob. Ethiopië's ontwikkeling in de twintigste eeuw van middel-eeuwse tot moderne staat. Ethiopia's evolution in the twentieth century from a medieval to a modern state; with a summary in English. Boom '56 p367-73
 Cohen, M. Etudes éthiopiennes. *J Asiatique* 244 no3:307-18 '56
 Crawford, Osbert Guy Stanhope, ed. Ethiopian itineraries, circa 1400-1524, including those collected by Alessandro Zorzi at Venice in the years 1519-24. (Hakluyt soc. Works, 2d ser. no 109) Cambridge '58 p xvii-xxviii

ETHNIC psychology. See Ethnopsychology

ETHNOBOTANY

Gatty, R. Kava—Polynesian beverage shrub. *Econ Bot* 10:249 J1 '56

Schultes, R. E. Amazon Indian and evolution in hevea and related genera. *Arnold Arbor J* 37:146-7 Ap '56

ETHNOLOGY

Bibliography. See numbers of *Anthropos*
Hunt, E. E. Anthropometry, genetics and racial history. *Am Anthropol* 61:82-7 F '59
Kroeber, Alfred Louis. Ethnographic interpretations. (Calif. Univ. Pubs. in Am. archaeology and ethnology, v47, no2-3) Univ. of Calif. press '57-'59 2v v 1, p234; v2, p308-9

Periodica. See numbers of *Anthropos*

Publications récentes. See numbers of *Anthropos*

Reviews. See numbers of *Man*

See also

Acculturation
Anthropogeography
Anthropology
Anthropometry
Art, Primitive
Civilization
Ethnopsychology
Folklore
Man
Man, Prehistoric
Native races
Race
Social anthropology
Society, Primitive
Somatology
Tattooing

Methodology

Driver, H. E. and Schuessler, K. F. Factor analysis of ethnographic data. *Am Anthropol* 59:662-3 Ag '57

Asia, Southeastern

Fürer-Haimendorf, Elizabeth von. Anthropological bibliography of South Asia, together with a directory of recent anthropological field work; with a foreword by Christoph von Fürer-Haimendorf. (Le monde d'outre-mer passé et présent. 4. sér. Bibliogs. 3) Mouton '58 748p

Benin

Bradbury, R. E. Benin kingdom and the Edo-speaking peoples of south-western Nigeria; together with a sec. on the Itsekiri by P. C. Lloyd. (Ethnographic survey of Africa: Western Africa, pt 13) *Int. African inst.* '57 p 165-71, 203-5

Brazil

Baldus, Herbert. Bibliografia comentada de etnologia brasileira, 1943-1950. (Sér. bibliog. de estudos brasileiros, 1) Souza '54 142p

Baldus, Herbert. Bibliografia crítica da etnologia brasileira. Comissão do IV centenário da cidade de São Paulo, Serviço de comemorações culturais '54 859p

Cameroons

International African institute. Peoples of the central Cameroons: Tikar, by Merran McCulloch; Bamun and Bamileke, by Margaret Littlewood; Banen, Bafia, and Balom, by I. Dugast. (Ethnographic survey of Africa: western Africa, pt3) The institute '54 incl bibliog

Chatham islands

Jefferson, C. Dendrogyphs of the Chatham islands. *Polynesian Soc J* 64:440-1 D '55

Congo, Belgian

Boone, Olga. Bibliographie ethnographique du Congo belge et des régions avoisinantes, 1951[-1957] Musée royal du Congo belge '54-'59 7v annot

See also

Alur (African tribe)

Czechoslovakia

Kunz, Ludvík. Česká ethnografie a folkloristika v letech 1945-1952. České bibliografie národopisné. Nakl. Československé akad. věd. '54 381p

Ethiopia

Cerulli, Ernesta. Peoples of south-west Ethiopia and its borderland. (Ethnographic survey of Africa: North-eastern Africa, pt3) *Int. African inst.* '56 p 133-42

Hungary

Szolnoky, L. Überblick über die bedeutendere ethnographische literatur Ungarns im laufe der letzten zehn jahre, 1945-1954. *Deutsch Jahrb Volkskunde* 2:379-400 '56

India

Sarkar, Sasanka Sekhar. Aboriginal races of India. Bookland '54 incl bibliog

Indonesia

Kennedy, Raymond. Bibliography of Indonesian peoples and cultures. [ed. by] Thomas W. Maretzki and H. Th. Fischer. rev ed (Behavior science bibligs) *Human relations area files* '55 2v

Liberia

Holas, B. Mission dans l'Est libérien (P.-L. Dekeyser, B. Holas, 1948); résultats démographiques, ethnologiques et anthropométriques. (Mémoires, no 14) *Inst. français d'Afrique noire* '52 p481-533

Nigeria

International African institute. Peoples of the Niger-Benue confluence: the Nupe, by Daryll Forde; the Igbara, by Paula Brown; the Igala, by Robert G. Armstrong; the Idoma-speaking peoples, by Robert G. Armstrong. (Ethnographic survey of Africa: western Africa, pt 10) The institute '55 incl bibliog

Pakistan

Maron, Stanley, ed. Pakistan: society and culture; contributors: John Aird [and others] (Behavior science monographs) *Human relations area files* '57 incl bibliog

Polynesia

Heyerdahl, Thor. American Indians in the Pacific; the theory behind the Kon-Tiki expedition. Allen '52 p765-97

Sahlins, Marshall David. Social stratification in Polynesia. (Am. ethnological soc. Pubs) Univ. of Wash. press '58 p289-93

Ruanda-Urundi

Boone, Olga. Bibliographie ethnographique du Congo belge et des régions avoisinantes, 1951[-1957] Musée royal du Congo belge '54-'59 7v annot

Slovenia

Novak, Vilko. Slovenska etnografska bibliografija, 1945-1950. Slovenski etnograf '51 412-424p

Tanganyika

Cory, Hans. African figurines; their ceremonial use in puberty rites in Tanganyika. Grove '56 p 173-6

See also

Teso tribe

Uganda

United States

Conference on group life in America. Report of the Conference, Arden house, November 1956. *Am. Jewish com.* '57 p36-41

Spiro, M. E. Acculturation of American ethnic groups. *Am Anthropol* 57:1251-2 D '55

ETHNOMUSICOLOGY. See Music and race

ETHNOPSYCHOLOGY

Arieti, S. Some basic problems common to anthropology and modern psychiatry. *Am Anthropol* 58:38-9 F '56

See also

Indians of North America—Psychology

ETHYLENE

See also

Polyethylene

ETHYLENE oxide

Physiological effect

Hollingsworth, R. L. and others. Toxicity of ethylene oxide determined on experimental animals. *AMA Archives Ind Health* 13:226-7 Mr '56

Jacobson, K. H. Toxicity of inhaled ethylene oxide and propylene oxide vapors. *AMA Archives Ind Health* 13:243-4 Mr '56

ETHYLENEDIAMINE tetraacetic acid

Weinstein, L. H. and others. Effect of ethylenediaminetetraacetic acid on nitrogen metabolism and enzyme patterns in soybean plants. *Boyce Thompson Inst Contrib* 18: 368-70 O '56

ETIQUET

Beery, Mary. *Manners made easy*. 2d ed
McGraw '55 p299-309

ETRURIA**Antiquities**

Cles-Reden, Sibylle. *Buried people; a study of the Etruscan world*; tr. from the German by C. M. Woodhouse. Scribner '55 p239-41
—Same; with title: *Das versunkene Volk; welt und land der Etrusker*. Scheffler '56 p 160-1

ETRURIANS

Bloch, Raymond. *Etruscans* [tr. by Stuart Hood] (Ancient peoples and places, v7)
Praeger '58 p 189-93

ETRUSCAN language**Inscriptions, etc.**

Stoltenberg, Hans Lorenz. *Etruskische gottnamen*. (Sammlung praktischer lehr- und handbücher auf wissenschaftlicher grundlage. 2. reihe: Philologie. 1. gruppe: Allgemeine sprachwissenschaft, 4. Etruskischer wortschatz, v 1) Gottschalk '57 p99-101

ETRUSCANS. See Etrurians**EUCALYPTUS**

Food and agriculture organization of the United nations. *Eucalypts for planting*. (FAO forestry and forest products studies, no 11) The organization '55 p383-95

Métro, André. *Les eucalyptus dans les reboisements*. (Coll. de la FAO. Etudes des forêts et des produits forestiers, no 11) Food & agriculture organization of the United nations '54 p385-95

—Same; with title: *Eucalyptus for planting*. (FAO forestry and forest products studies, no 11) Food & agriculture organization of the United nations '55 p383-95

Thirawat, Sukhum. *Eucalypts for tropical climates*; based on experiences gained from the FAO eucalyptus study tour in Australia, 1952. Royal forest dept. '54 p84-104

EUCARIST. See Lord's supper**EUGENICS**

Hardin, Garrett James. *Nature and man's fate*. Rinehart '59 p350-61

Periodical reviews. See numbers of *Eugenics quarterly*

Periodicals [abstracts] See numbers of *Eugenics review*

See also

Birth control
Heredity

EUPHAUSIACEA

Boden, Brian P. and others. *Euphausiacea (crustacea) of the North Pacific*. (Calif. Univ. Scripps inst. of oceanography. Bul. v6, no8; Contributions, new ser, no796) Univ. of Calif. press '55 p394-7

EUPHORBIACEAE

Thomas, R. G. *Sexuality in diploid and hexaploid races of mercurialis annua* L. Ann Bot 22:71-2 Ja '58

Webster, G. L. *Monographic study of the West Indian species of phyllanthus*. Arnold Arbor J 37:249-53 Jl '56

See also

Cassava
Rubber (hevea)

EURATOM (European atomic energy community)

European coal and steel community. High authority. Bibliothèque. *Marché commun, zone de libre échange*. EURATOM, 1955-1957. *Gemeinsamer markt, freihandelszone*. EURATOM, 1955-1957. (Bibliogs. de la Haute autorité, 12) The library '57? 141p

European parliamentary assembly. Secretariat. Euratom; bibliog [zusammengestellt von der Abteilung für parlamentarische dokumentation und information] The secretariat '58-'59 3v

EURIPIDES, d 406 B.C.

Turyn, Alexander. *Byzantine manuscript tradition of the tragedies of Euripides*. (Ill. studies in language and literature, v43) Univ. of Ill. press '57 p3-9

EUROPE

Hirsch, Felix Edward. *Europe today; a bibliography*. 2d rev ed Lib. N.J. State teachers college, Trenton '57 24p annot

United States. Library of Congress. General reference and bibliography division. *Introduction to Europe*; sup, 1950-1955; comp. by Helen F. Conover. U.S. Gov. ptg. office '55 181p annot

See also

Central Europe
Europe, Eastern

Antiquities

Bibby, Geoffrey. *Testimony of the spade*. Knopf '56 p412-14 annot

Civilization

Childe, Vere Gordon. *Dawn of European civilization*. 6th ed rev (History of civilization. Pre-history and antiquity) Knopf '58 p358-9

Ferguson, Wallace Klippert. *Survey of European civilization*. 3d ed [by the auth. and] Geoffrey Bruun. Houghton '58 p xxii-xxxviii (at end)

History

Burns, Edward McNall. *Western civilizations, their history and their culture*. 4th ed Norton '54 p882-907

Climate

Küchle-Scheidemantel, I. *Die dauer der schneedecke in Europa*. Petermanns Geog Mitt 100 no 3:189-92 '56

Colonies

Bromley, John Selwyn, and Goodwin, Albert. *Select list of works on Europe and Europe overseas, 1715-1815*; ed. for the Oxford eighteenth century group. Oxford '56 132p

Commerce

Minnesota. University. Library. James Ford Bell collection. James Ford Bell collection; a list of additions, 1951-1954; comp. by John Parker. Univ. of Minn. press '55 69p

Commercial policy

European coal and steel community. High authority. Bibliothèque. *Marché commun, zone de libre échange*. EURATOM, 1955-1957. *Gemeinsamer markt, freihandelszone*. EURATOM, 1955-1957. (Bibliogs. de la Haute autorité, 12) The library '57? 141p

Defenses**See also**

Military assistance, American

Description and travel

Letts, Malcolm Henry Ikin, ed. and tr. *Travels of Leo of Rozmital through Germany, Flanders, England, France, Spain, Portugal, and Italy, 1465-1467*. (Hakluyt soc. Works, 2d ser, no 108) Cambridge '57 p 179-86

Shackleton, Margaret Reid. *Europe; a regional geography*. 6th ed (Univ. geographical ser) Longmans '58 incl bibliog annot

Economic conditions

European coal and steel community. Common assembly. *Monatliches bibliographisches verzeichnis*. The agency. See numbers thru 1955

European coal and steel community. Common assembly. *Vierteljährliche methodische bibliographie*. The agency. See numbers thru 1957

European coal and steel community. High authority. Bibliothèque. *Etudes régionales, 1950-1955*. *Regionalabegrenzte studien, 1950-1955*. (Bibliogs. de la Haute autorité, 3) The authority '56 13p

European parliamentary assembly. *Vierteljährliche methodische bibliographie*. The agency. See numbers

United States. Library of Congress. European affairs division. *United States and Europe; a bibliog. examination of thought expressed in Am. and British writings of 1949[1951-1952]* The library '49-'53 3v annot

United States. Library of Congress. Legislative reference service. *Trends in economic growth; a comparison of the western powers and the Soviet bloc; a study prepared for the Joint com. on the economic report*. U.S. Gov. ptg. office '55 p267-9

Economic union (proposed)**See also**

European coal and steel community

EUROPE—Continued

History

- Bartstra, Jan Steffen. Handboek tot de staatkundige geschiedenis der landen van onze beschavingskring van 1648 tot heden. Malmberg '48-'54 4v incl bibliog
- Benns, Frank Lee. European history since 1870. 4th ed Appleton '55 77p at end
- Bromley, John Selwyn, and Goodwin, Albert. Select list of works on Europe and Europe overseas, 1715-1815, ed. for the Oxford eighteenth century group. Oxford '56 132p
- Bullock, Alan, and Taylor, Alan John Percivale, eds. Select list of books on European history, 1815-1914; ed. for the Oxford recent history group. 2d ed Oxford '57 79p
- Hall, Walter Phelps, and Davis, William Stearns. Course of Europe since Waterloo. 4th ed. (Cent. historical ser) Appleton '57 p i-xxviii annot
- Hayes, Carlton Joseph Huntley. Contemporary Europe since 1870. rev ed Macmillan '58 p785-812 annot
- Hayes, Carlton Joseph Huntley, and others. History of Europe; v2, since 1648; rev ed. by Carlton J. Hayes [and] Charles Woolsey Cole. Macmillan '56 incl bibliog
- Kissinger, Henry Alfred. World restored; Metternich, Castlereagh and the problems of peace, 1812-22. Houghton '57 p333-46 annot
- Knapton, Ernest John. Europe: 1450-1815. Scribner '58 p709-43 annot
- Notices of periodicals and occasional publications, mainly of 1954[-1958] Engl Hist R 70:510-28; 71:510-28; 72:572-92; 73:555-76; 74:552-76 J1 '55, J1 '56, J1 '57, J1 '58, J1 '59
- Thomson, David. Europe since Napoleon. Knopf '57 p895-909 annot

476-1492

- Davis, Ralph Henry Carless. History of medieval Europe from Constantine to Saint Louis. Longmans '57 incl bibliog
- Historical association, London. Medieval European history, 395-1500; a sel. bibliography. (Helps for students of history, no57) Philip '55 44p
- Hoyt, Robert Stuart. Europe in the middle ages. Harcourt '57 p627-40 annot
- Rome (city). Istituto storico italiano per il medio evo. La pubblicazione delle fonti del medioevo europeo negli ultimi 70 anni (1883-1953) relazioni al Convegno di studi delle fonti del medioevo europeo in occasione del 70° della fondazione dell'Istituto storico italiano (Roma, 14-18 aprile 1953) The institute '54 365p
- Strayer, Joseph Reese. Western Europe in the middle ages; a short history. Appleton '55 p231-6

1517-1648

- Iongh, Jane de. Mary of Hungary: second regent of the Netherlands; tr. by M. D. Herter Norton. Norton '58 p298-300
- Tyler, Royall. Emperor Charles the fifth; foreword by Carl J. Burckhardt. Essential bks. '56 p357-69 annot

1789-1815

- Brett-James, Anthony. General Graham: Lord Lynedoch. St Martins '59 p342-55

20th century

- Anderson, Eugene Newton. Modern Europe in world perspective: 1914 to the present. (Rinehart bks. in European history) Rinehart '58 incl bibliog annot
- Black, Cyril Edwin, and Helmreich, Ernst Christian. Twentieth century Europe; a history. 2d rev ed Knopf '59 p803-65
- Bolles, Blair. Big change in Europe. Norton '58 p507-12
- Ergang, Robert Reinhold. Europe in our time; 1914 to the present. 3d ed Heath '58 p915-66 annot
- Pegg, Carl Hamilton. Contemporary Europe in world focus. Holt '56 p663-78

Industries and resources

- Henderson, William Otto. Britain and industrial Europe, 1750-1870; studies in British influence on the industrial revolution in western Europe. Univ. press of Liverpool '54 p219-36

Politics

- Albertini, Luigi. Origins of the war of 1914; tr. and ed. by Isabella M. Massey. Oxford '52-'57 3v incl bibliog

- Albrecht-Carrié, René. Diplomatic history of Europe since the Congress of Vienna. (Harper's historical ser) Harper '58 p661-96
- Annuaire européen. European yearbook. v 1[-51] pub. under the auspices of the Council of Europe. Nijhoff '55-'59 5v v 1, p319-66; v2, p633-75; v3, p473-502; v4, p641-67; v5, 655-85
- Beer, Samuel Huthison, and Ulam, Adams Bruno, eds. Patterns of government; the major political systems of Europe, by Samuel H. Beer [and others] Random house '58 p601-11
- Celovsky, Boris. Das Münchener abkommen [von] 1938. (Inst für zeitgeschichte, München. Quellen und darstellungen zur zeitgeschichte, v3) Deutsche verlags-anstalt '58 p481-504
- Chapman, Brian. Profession of government: the public service in Europe. Macmillan '59 p323-44
- Cole, Taylor, ed. European political systems. 2d ed rev knopf '59 incl bibliog annot
- Eudin, Xenia Joukoff, and others. Soviet Russia and the West, 1920-1927; a doc. survey. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Pub. no26) Stanford univ. press '57 p419-42
- Gulick, Edward Vose. Europe's classical balance of power; a case history of the theory and practice of one of the great concepts of European statecraft. Cornell univ. press '55 p311-25 annot
- Mosse, Werner Eugen. European powers and the German question, 1848-71; with special reference to England and Russia. Cambridge '58 p395-7
- Neumann, Robert Gerhard. European and comparative government. 2d ed (McGraw-Hill ser. in political science) McGraw '55 p775-801 annot
- Seton-Watson, Hugh. East European revolution. 2d ed Praeger '52 p389-96
- United States. Library of Congress. European affairs division. United States and Europe; a bibliog. examination of thought expressed in Am. and British writings of 1949[-1951-1952] The library '49-'53 3v annot

See also

- Balkan states—Politics
- European federation
- Population
- Mols, Roger. Introduction à la démographie historique des villes d'Europe du XIV^e au XVIII^e siècle. (Louvain. Univ. catholique. Recueil de travaux d'histoire et de philologie, sér4, v 1-3) Duculot '54-'56 3v v3, p ix-lxix

EUROPE, Eastern

- American bibliography of Slavic and East European studies, 1956[-1958] (Pubs. no9-10, 18) Ind. univ. '57-'59 3v
- Beiträge zur osteuropäischen bibliographie 11-51 Jahrb Gescht Osteop ns 1 no 1:1-16 (at end) no3:331-65; ns2 no3:315-66; ns3 no3:292-350; ns4 no4:442-91 '53-'56
- Dangerfield, Royden James, ed. Area study programs: the Soviet Union and eastern Europe, by Lewis Galantiere [and others] papers read at the Conference on the Soviet Union and eastern Europe, Univ. of Ill, Jan. 9-10, 1954. Inst. of gov. & public affairs, Univ. of Ill. '55 p79-84
- Dissertationen auf dem gebiete der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR bis zum jahre 1955. Z Slawistik 1 no3:158-60 '56
- Dissertationen auf den gebieten der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR im jahre 1956[-1957] Z. Slawistik 2 no2:257; 3 no5:784-5 '57-'58
- Feyl, O. and Müller, K. H. Zehn jahre slawistik und Osteuropa-kunde im spiegel der deutschsprachigen veröffentlichungen Ost-deutschlands (1945-1955) Z Slawistik 1 no 1:112-32; 2 no 1:105-35 '56-'57
- Free Europe committee. Index to unpublished studies; studies 1-378. The committee '58 21p
- Free Europe committee. Mid-European studies center. Report of the Mid-European studies center publications and projects. The center '55 51p
- Horna, Dagmar, and others, eds. Current research on central and eastern Europe. (Pub. no28) Mid-European studies center, Free Europe com. '56 251p

EUROPE, Eastern—Continued

- Matl, J. and Scherer, A. Wiener <bzw. Grazer> dissertationen über den Südosten <1918-1948> Osteuropa 7:149-51 F '57
- Munich. Osteuropa-Institut. Ost- und Süd-osteuropa im westlichen schrifttum der nachkriegszeit; ein bibliog. leitfaden für dozenten und hörer an volkshochschulen. The institute '56 113p
- Osteuropa dissertationen, 1945-1950[1955-1958] Jahrb. Gesch. Osteurop. ns 1 no4:1-44 (at end) ns2 no2:45-72 (at end) ns3 no 1:73-113 (at end) ns4 no3:114-51 (at end) ns6 no4:153-94 (at end) '53-'58
- Roucek, J. S. Recent American literature on Central-Eastern-Balkan Europe, 1945-1956. Z. Ostforsch. 7 no 2:270-92 '58
- [Schrifttum] See numbers of Zeitschrift für ostforschung

Economic conditions

- Budapest. Magyar közgazdaságtudományi egyetem. Központi könyvtár. A munkaberek és munkanormák kérdése: szakbibliográfia; szerkeszt. Szerényi Sándor. (Időszaki gazdasági kérdések irodalma 1) Közgazdasági és jogi könyvtár '55 88p
- European coal and steel community. High authority. Bibliothèque. Pays de l'Est; situation économique, ressources énergétiques, industrie sidérurgique, 1947-1956. Ostblockstaaten: allgemeine wirtschaftslage, energievorkommen, eisen- und stahlindustrie, 1947-1956. (Bibliogs. de la Haute autorité, 9) The authority '56 29p
- Kuhn, Walter. Geschichte der deutschen ost-siedlung in der neuzeit. (Ostmitteleuropa in vergangenheit und gegenwart 1) Böhlau '55-'57 2v v. 1, p 1-31
- Marczewski, Jan. Planification et croissance économique des démocraties populaires. (Bibliothèque de la science économique) Presses universitaires de France '56 2v v2, p551-60
- Roletto, Giorgio. La costruzione economica sovietica: formazione, struttura, tendenza. (Trieste. Univ. Istituto di geografia. Collana di monografie. Ser2. Le superpotenze economiche. 1) Giuffrè '55 incl bibliog
- Spulber, Nicolas. Economics of Communist eastern Europe. (Technology press bks. in the social sciences) Technology press, Mass. inst. of technology; Wiley '57 p489-507

Economic policy

- Marczewski, Jan. Planification et croissance économique des démocraties populaires. (Bibliothèque de la science économique) Presses universitaires de France '56 2v v2, p551-60

Periodicals

- Stanford university. Hoover institution on war, revolution, and peace. Periodicals and newspapers concerning East-Central and East Europe in the library of the Institution, 1958: a checklist. The institute '58? 22p

Religion

- Tobias, Robert. Communist-Christian encounter in East Europe. School of religion press '56 p557-66

EUROPE, Western**Defenses***See also*

- North Atlantic treaty organization

Economic policy

- United States. Congress. Joint economic committee. Economic policy in western Europe; rep. for the Committee, on conferences in western Europe; with sel. materials assembled by the Committee staff, 85th Congress, 2d session. U.S. Gov. ptg. office '59 p396-401

Economic union

- See* European economic community

EUROPE and China. See China and Europe**EUROPE atomic energy community. See Euratom (European atomic energy community)****EUROPEAN coal and steel community**

- Diebold, William. Schuman plan: a study in economic cooperation, 1950-1959. (Council on foreign relations. Pubs) Praeger '59 p718-39 annot

- European coal and steel community. Common assembly. Bibliographie analytique du plan Schuman et de la C.E.C.A. The community '55 131p annot

- European coal and steel community. Common assembly. Library. Catalogue analytique du fonds plan Schuman-CECA, conservé à la Bibliothèque de l'Assemblée commune. The library '55-'57 2v

- European coal and steel community. High authority. Bibliothèque. Sélection d'ouvrages sur la Communauté européenne du charbon et de l'acier, 1951-1955. The library '55? 23p

- Netherlands. Economische voorlichtingsdienst. Bibliotheek. Europese gemeenschap voor kolen en staal; literatuuroverzicht. The library '53 14p

- Ramacciotti, Carlo. La Comunità europea del carbone e dell'acciaio; con una pref. di Enzo Giacchero ed una premessa di Vittorio Bachelet. (Centro di azione europeistica. Quaderni) Edizione dell' Ateneo '53 p 121-9

EUROPEAN corn borers

- Beck, S. D. and others. European corn borer, pyrausta nubilalis (Hüb.), and its principal host plant. Entom Soc Am Ann 49:553, 587-8; 50:170, 250 N '56, Mr-My '57; Plant Physiol 32:384-5 S '57

EUROPEAN economic community

- European coal and steel community. Common assembly. Der gemeinsame markt. Le marché commun. Il mercato comune. De gemeenschappelijke markt; bibliographie. The community '57-'58 2v

EUROPEAN federation

- Ad hoc assembly instructed to work out a draft treaty setting up a European political community. Information and official documents of the Constitutional committee, May-July 1953. Secretariat of the Constitutional com. '53? p79-100

- Annuaire européen. European yearbook, v 11-51 pub. under the auspices of the Council of Europe. Nijhoff '55-'59 5v v. 1, p519-56; v2, p633-75; v3, p473-502; v4, p641-67; v5, p655-85

- Association of institutes for European studies. Bibliographie européenne; 2. éd. complétée avec commentaires en français, anglais, allemand. The association '54? 32p

- Ball, Mary Margaret. NATO and the European union movement. (Lib. of world affairs, no45) Praeger '59 p428-57

- Beljaars, G. A. C. Bibliographie historique et culturelle de l'intégration européenne. (Bibliog. belgica 30) Comm. belge de bibliog. '57 143p

- European coal and steel community. Common assembly. Monatliches bibliographisches verzeichnis. The agency. See numbers thru 1955

- European coal and steel community. Common assembly. Vierteljährliche methodische bibliographie. The agency. See numbers thru 1957

- European parliamentary assembly. Vierteljährliche methodische bibliographie. The agency. See numbers

- Florinsky, Michael T. Integrated Europe? Macmillan '55 p 171-4 annot

- Haas, Ernst B. Uniting of Europe; political, social, and economical forces, 1950-1957. Stanford univ. press '58 p529-36

- Sardá Dexeus, Juan. Uniones aduaneras y uniones económicas. (Biblioteca de ciencias sociales. Sec 1: Economía) Aguilar '53 p227-33

EUROPEAN payments union

- Belgium. Ministère des affaires économiques. Bibliothèque. Bibliographie; textes officiels, livres, documents, brochures diverses et articles de revues traitant de l'Union européenne de paiements catalogués à la Bibliothèque centrale (Fonds Quetelet) du Ministère des affaires économiques et des classes moyennes à la date du 1 novembre 1953. 2d ed The library '53 65p

EUROPEAN union. See European federation**EUROPEAN war, 1914-1918**

- Falls, Cyril Bentham. Great war. Putnam '59 p427-32

- Select bibliography of revisionist books dealing with the two world wars and their aftermath; with brief comments. Oxnard press courier '57? 30p annot

- Stock, N. Blackout on history. European 12: 337-43 F '59

Campaigns and battles

- Moorehead, Alan. Gallipoli. Harper '56 p371-2
- Wolff, Leon. In Flanders fields; the 1917 campaign. Viking press '58 p297-300

EUROPEAN war, 1914-1918—*Continued*

Causes

Albertini, Luigi. Origins of the war of 1914; tr. and ed. by Isabella M. Massey. Oxford '52-'57 3v incl bibliog

Diplomatic history

Albertini, Luigi. Origins of the war of 1914; tr. and ed. by Isabella M. Massey. Oxford '52-'57 3v incl bibliog

Mayer, Arno J. Political origins of the new diplomacy, 1917-1918. (Yale historical pubs. Studies, 18) Yale univ. press '59 p395-419 annot

Tuchman, Barbara (Wertheim). Zimmermann telegram. Viking press '58 p205-12

Naval operations

Birnbaum, Karl E. Peace moves and U-boat warfare; a study of imperial Germany's policy towards the U.S. Apr. 18, 1916-Jan. 9, 1917. (Acta univ. stockholmiensis. Stockholm studies in history, 2) Almqvist '58 p375-83

Peace

Martin, Laurence W. Peace without victory; Woodrow Wilson and the British liberals. (Yale historical pubs. Misc. 70) Yale univ. press '58 p213-19

Yates, Louis A. R. United States and French security, 1917-1921; a study in Am. diplomatic history. Twayne '57 p221-43

Reparations

Castillon, Richard. Les réparations allemandes; deux expériences, 1919-1932, 1945-1952; essai d'étude comparée, mise à jour au 1^{er} sept. 1952; préf. d'André Piettre. Presses universitaires de France '53 p 190-8

Germany

Reiners, Ludwig. In Europa gehen die lichter aus; der untergang des wilhelminischen Reiches. Beck '54 incl bibliog

—Same; with title: Lamps went out in Europe; tr. from the German by Richard and Clara Winston. Pantheon '55 p305-6

Siney, Marion Celestia. Allied blockade of Germany, 1914-1916. (Mich. Univ. Pubs. History and political science, v23) Univ. of Mich. press '57 p277-88 annot

Poland

Komarnicki, Titus. Rebirth of the Polish republic; a study in the diplomatic history of Europe, 1914-1920. Heinemann '57 p749-62

United States

May, Ernest Richard. World war and American isolation, 1914-1917. (Harvard historical studies, v71) Harvard univ. press '59 p439-66 annot

Peterson, Horace Cornelius, and Fite, Gilbert Courtland. Opponents of war, 1917-1918. Univ. of Wis. press '57 p351-71

Tuchman, Barbara (Wertheim). Zimmermann telegram. Viking press '58 p205-12

EUROPEAN war, 1939-1945. See World war, 1939-1945

EUROPEANS in Africa, East

Weigt, Ernst. Europäer in Ostafrika; klimabedingungen und wirtschaftsgrundlagen. (Köln geographische arbeiten, no6/7) Geographisches institut, Köln univ. '55 p370-85

EURYPTERIDA

Kjellesvig-Waering, E. N. Genera, species and subspecies of the family eurypteridae. Burmeister, 1845. J Paleont 32:1144-8 N '58

EUSKARA language. See Basque language

EVACUATION of civilians. See World war, 1939-1945—Evacuation of civilians

EVANGELICALISM

Henry, Carl Ferdinand Howard, ed. Contemporary Evangelical thought [by] Andrew W. Blackwood [and others] Channel '57 p313-16

EVANGELISTIC work

Allan, Tom. Face of my parish. (RBC ed, no 101) SCM press '54 p 119-22

Durbney, Clydrow J. With him in glory; the chief function of the parish minister for effective evangelism in the modern Christian church. Vantage '55 p89-91

Ferm, Robert O. Cooperative evangelism; is Billy Graham right or wrong? are his policies supported by scripture and the great evangelists of history? with a foreword by Stephen W. Paine. Zondervan '58 p95-6

Henry, Stuart Clark. George Whitefield: way-faring witness. Abingdon '57 p211-18

Macaulay, Joseph Cordner, and Belton, Robert H. Personal evangelism. Moody press '56 p249-52

See also

Revivals

Salvation army

EVANS, Luther Harris, 1902-

United States. Library of Congress. Writings and addresses of Luther Harris Evans, Librarian of Congress, 1945-1953. The library '53 92p

EVAPORATION

Badger, W. L. and Lindsay, R. A. Evaporation. Ind & Eng Chem 47:535; 48:509; 49: 485; 50:441 Mr '55, Mr '56, Mr '57, Mr '58

Phillip, J. R. Evaporation, moisture, and heat fields in the soil. J Meteorol 14:365-6 Ag '57

Yamaoka, Y. Experimental studies on the relation between transpiration rate and meteorological elements. Am Geophys Union Trans 39:264-5 Ap '58

EVASION, Fiscal. See Tax evasion and avoidance

EVERETT, Dorothy, 1894-1953

Everett, Dorothy. Essays on Middle English literature; ed. by Patricia Kean. Oxford '55 p 175-6

EVERGLADES, Florida

Ford, Robert N. Resource use analysis and evaluation of the Everglades agricultural area. (Research paper, no42) Dept. of geography, Univ. of Chicago '56 p 123-7

EVERGREENS

See also

Conifers

EVERSHED, John, 1864-1956

Stratton, F. J. M. John Evershed, 1864-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p48-51)

EVIDENCE (law)

Barksdale, Hiram C. Use of survey research findings as legal evidence. (Advertising research foundation. Pub) Printers' ink '57 p 155-62

See also

Psychology, Forensic

EVOLUTION

Anfinsen, Christian B. Molecular basis of evolution. Wiley '59 incl bibliog

Barnett, Samuel Anthony, ed. Century of Darwin. Harvard univ. press '58 p360-6

British museum (natural history). Handbook on evolution. The museum '58 p 101-4

Commemoration of the centennial of the publication of the Origin of species by Charles Darwin. Am Philos Soc Proc 103: 159-319 Ap '59 incl bibliog

Count, E. W. Biological basis of human sociality. Am Anthropol 60:1083-5 D '58

Dobzhansky, Theodosius Grigorievich. Biological basis of human freedom. (Page-Barbour lectures, 1954) Columbia univ. press '56 p 137-9

Dobzhansky, Theodosius Grigorievich. Evolution, genetics, and man. Wiley '55 incl bibliog annot

Eiseley, Loren. Darwin's century; evolution and the men who discovered it. Doubleday '58 p355-60

Gavan, James Anderson, ed. Non-human primates and human evolution; in memory of Earnest Albert Hooton, 1887-1954. Wayne univ. press '55 incl bibliog

Hallowell, A. I. Structural and functional dimensions of a human existence. Q R Biol 31:99-101 Je '56

Hardin, Garrett James. Nature and man's fate. Rinehart '59 p350-61

Harvey, E. N. Evolution and bioluminescence. Q R Biol 31:285-7 D '56

Henry, J. Culture, personality, and evolution. Am Anthropol 61:225-6 Ap '59

Herrick, Charles Judson. Evolution of human nature. Univ. of Tex. press '56 p467-88

Hill, William Charles Osman. Man as an animal. (Hutchinson univ. lib: Biological sciences) Rinehart '57 p 167-71

Hofstadter, Richard. Social Darwinism in American thought. rev ed Braziller '59 p205-16

EVOLUTION—Continued

- Huxley, Julian, and others, eds. *Evolution as a process*. Allen '54 p349-52
- Huxley, J. *Morphism and evolution*. Heredity 9:43-50 Ap '55
- Lever, Jan. *Creation and evolution*; tr. from the Dutch by Peter G. Berkhout. Grand Rapids int. pubs. '58 p233-8
- McKinley, George Murray. *Evolution: the ages and tomorrow*. Ronald '56 p250-63 annot
- Montagu, A. *Time, morphology, and neoteny in the evolution of man*. Am Anthropol 57: 24-7 F '55
- Nilsson, Heribert. *Synthetische artbildung; grundlinien einer exakten biologie*. Gleerup '53 2v v 2, p 1249-92
- Rensch, Bernhard. *Neuere probleme der abstammungslehre; die transspezifische evolution*. 2d rev ed Enke '54 p389-414
- Singer, R. *Evolution and man*. Antiquity 31:197-8 D '57
- Smith, Homer William. *From fish to philosopher*. Little '53 p213-54
- Warburton, F. E. *Feedback in development and its evolutionary significance*. Am Natur 89:138-40 My '55
- Zimmermann, Walter. *Evolution; die geschichte ihrer probleme und erkenntnisse*. (Orbis academicus; problemgeschichten der wissenschaft in dokumenten und darstellungen, bd. 2, 3. abt: Naturwissenschaftliche abt) Alber '53 p580-606
- Zirkle, Conway. *Evolution, Marxian biology, and the social scene*. Univ. of Pa. press '59 p501-20
See also
- Adaptation (biology)
Anatomy, Comparative
Creation
Insects—Evolution
Isolation (biology)
Life (biology)—Origin
Man—Origin and antiquity
Natural selection
Origin of species
Phylogeny
Plants—Evolution
Religion and science
Species
Variation (biology)
- EWE (African people)**
Manoukian, Madeline. *Ewe-speaking people of Togoland and the Gold Coast*. (Ethnographic survey of Africa: Western Africa, pt 6) Int. African inst. '52 p55-61
- EWINS, Arthur James, 1882-1957**
Dale, H. H. *Arthur James Ewins*. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p90-1)
- EXCAVATIONS (archeology)**
Lister, Robert Hill. *Present status of the archaeology of western Mexico: a distributional study*. (Colo. Univ. Studies. Ser. in anthropology, no5) Univ. of Colo. press '55 p61-6
- EXCHANGES, Educational**. See Educational exchanges
- EXCHANGES, Literary and scientific**
Foundation for research on human behavior. *Training foreign nationals in the United States*; rep. of a seminar conducted by the Foundation, Sept. 16-17, and Sept. 30-Oct. 1, 1954. The foundation '56 p32-6
- United Nations educational, scientific and cultural organization. *Handbook on the international exchange of publications*. Manuel des échanges internationaux de publications. Manuel del canje internacional de publicaciones. 2d ed, ed. and rev. by Gisela von Busse, with the collaboration of H. Werhahn. The organization '56 p 199-201
- EXCRETION**
Goodman, R. M. *Effect of the W^v allele in the mouse on the differential excretion of the optical isomers of several amino acids*. J Exp Zool 132:215-17 Jl '56
- Putnam, P. A. and others. *Excretion of chromium oxide by dairy cows*. J Dairy Sci 41:1727-9 D '58
- Whiting, F. and Bezeau, L. M. *Metabolic fecal nitrogen excretion of the pig as influenced by the amount of fibre in the ration and by body weight*. Can J Animal Sci 37:104-5 Je '57
See also
- Urine

EXECUTIVE power

- See also
Judicial review
Presidents
- EXECUTIVES**
Bennet, Carrie Lynn. *Defining the manager's job; the AMA manual of position descriptions*. (Research study no33) Am. management assn. '58 p438-40
- Bernstein, Marver H. *Job of the federal executive*. Brookings inst. '58 p223-32 annot
- Brown, Courtney Comrades, and Smith, E. Everett, eds. *Director looks at his job; the record of a symposium sponsored jointly by the Graduate school of business, Columbia univ. and the McKinsey foundation for management research*. Columbia univ. press '57 p 149-50
- Copeman, G. H. *Leaders of British industry; a study of the careers of more than a thousand public co. directors*. Gee '55 p 169-70
- Craf, John Riley. *Junior boards of executives; a management training procedure; foreword by Charles F. McCormick*. Harper '58 p 156-62
- David, Paul Theodore, and Pollock, Ross. *Executives for government; central issues of federal personnel administration*. Brookings '57 p 173-7
- Executive; a guide to reading for top management. Baker lib, Graduate school of business adm, Harvard univ. See numbers
- Katz, Robert L. *Developing human skill; improving administrative effectiveness*. Amos Tuck school of business adm, Dartmouth college '55 p 17
- Laird, Donald Anderson, and Laird, Eleanor C. L. *Techniques of delegating; how to get things done through others*. McGraw '57 p 180-8
- Newcomer, Mabel. *Big business executive; the factors that made him, 1900-1950*. Columbia univ. press '55 p 155-7
- Princeton university. *Industrial relations section. Appraisal of executive performance*. (Sel. references, no71) The section '56 4p annot
- Princeton university. *Industrial relations section. Executive compensation*. (Sel. references, no65) The section '55 4p annot
- Princeton university. *Industrial relations section. Psychological tests in executive selection*. (Sel. references, no85) The section '59 4p annot
- Ramfalk, C. W. *Top management selection; a study of the sel. of personnel for higher positions in industrial organisations*. (Swedish council for personnel adm. Rep. no 14) Almqvist '57 p 197-203
- United States. *Civil service commission. Library. Executive development; sel. references*. The library '54 8p
- Warner, William Lloyd, and Abegglen, James C. *Occupational mobility in American business and industry, 1928-1952*. Univ. of Minn. press '55 p305-11
- EXECUTORS and administrators**
See also
Probate law and practice
Trusts and trustees
- EXERCISE**
Morehouse, Laurence Englemohr, and Miller, Augustus Taylor. *Physiology of exercise*. 3d ed Mosby '59 incl bibliog
- EXETER, England**
History
MacCaffrey, Wallace T. *Exeter, 1540-1640; the growth of an English county town*. (Harvard historical monographs, no35) Harvard univ. press '58 p289-99
- EXHAUSTION**. See Fatigue
- EXHIBITIONS**
Lang, Rudolph. *Win place and show; effective business exhibiting*. Oceana '59 p 193-202
See also
Library exhibits
- EXISTENCE, Struggle for**. See Struggle for existence
- EXISTENTIALISM**
Bollnow, Otto Friedrich. *Deutsche existenzphilosophie*. (Bibliog. einführungen in das studium der philosophie, 23) Francke '53 p 17-38
- Chamigny, Robert Jean. *Stages on Sartre's way, 1938-52*. (Ind. Univ. Pubs: Humanities ser, no42) Ind. univ. press '59 p 197-9

EXISTENTIALISM—Continued

Cochrane, Arthur C. *Existentialists and God; being and the being of God in the thought of Søren Kierkegaard, Karl Jaspers, Martin Heidegger, Jean-Paul Sartre, Paul Tillich, Etienne Gilson, Karl Barth.* Westminster press '56 p 157-62

Heinemann, Frederick Henry. *Existentialism and the modern predicament.* 2d ed Black '54 p219-23

Kneller, George Frederick. *Existentialism and education.* Philosophical lib. '58 p 163-5

Wild, John Daniel. *Challenge of existentialism.* Ind. univ. press '55 p285-90

See also

Demythologization

EXODUS, Book of. See Bible. Old Testament—Exodus

EXPANSION (heat)

Melan, Ernst, and Parkus, Heinz. *Wärme-spannungen infolge stationärer temperaturfelder.* Springer '53 p 109-14

EXPENDITURES, State. See State finance

EXPERIMENTAL design

Acton, Forman S. *Analysis of straight-line data.* (Wiley pub. in applied statistics) Wiley '59 p232-9 annot

Baum, Emanuel L. and others, eds. *Methodological procedures in the economic analysis of fertilizer use data.* Iowa state college press '56 incl bibliog

Brunswik, Egon. *Perception and the representative design of psychological experiments.* 2d ed rev & enl Univ. of Calif. press '56 p 147-54

Cox, D. R. *Planning of experiments.* (Wiley pub. in applied statistics) Wiley '58 incl bibliog

North Carolina. University. Institute of statistics. State college section. Raleigh. *Experimental designs in industry; a symposium held Nov. 5-9, 1956 at N.C. state college; sponsored by the Mathematics div, Air force office of scientific research, Air research and development command; ed. by Victor Chew.* (Wiley pub. in applied statistics) Wiley '58 incl bibliog

Quenouille, M. H. *Design and analysis of experiment.* Griffin '53 p325-32

EXPERIMENTAL medicine. See Medicine, Experimental

EXPERIMENTAL roads. See Roads, Experimental

EXPERT consultants. See Consultants

EXPLORERS

Bewick, E. N. *Selected book list.* (In Hobley, Leonard Frank. *Early explorers to A.D. 1500.* Roy pubs. '56 p72-3) annot

See also

Discoveries (in geography)

EXPLOSIONS

Palmer, K. N. *Review of information on selected aspects of gas & vapour explosions.* Inst Fuel J 29:307-9 J1 '56

See also

Detonation

EXPLOSIONS, Dust. See Dust explosions

EXPLOSIONS, Underwater. See Underwater explosions

EXPLOSIONS in mines. See Mine explosions

EXPLOSIVES

Cook, Melvin Alonzo. *Science of high explosives.* (Am. chemical soc. Monograph ser. no 139) Reinhold '58 incl bibliog

Tardif, H. P. and Erickson, W. H. *Explosive metallurgy.* Can Min & Met Bul 51:358-9 Je '58

EXPOSITIONS. See Exhibitions

EXPRESSIONISM

Brinkmann, R. *Expressionismus-probleme; die forschung der jahre 1952 bis 1958.* Deutsch Vierteljahrs Literaturw & Geistesgesch 33:104-81 Ap '59

Schneider, K. L. *Neuere literatur zur dichtung des deutschen expressionismus.* Euphorion 47 no 1:99-110 '53

Sokel, Walter Herbert. *Writer in extremis; expressionism in twentieth-century German literature.* Stanford univ. press '59 p233-44

EXPRESSIONISM (art)

Kuhn, Charles Louis. *German expressionism and abstract art; the Harvard colls; with an introd. essay by Jakob Rosenberg.* Harvard univ. press '57 p 125-7

Myers, Bernard Samuel. *German expressionists: a generation in revolt.* Praeger '57 p369-89

Selz, Peter. *German expressionist painting.* Univ. of Calif. press '57 p354-70

See also

Post-impressionism (art)

EXTENSION work, Agricultural. See Agricultural extension work

EXTINCT birds. See Birds, Extinct

EXTINCT cities. See Cities and towns, Ruined, extinct, etc

EXTORTION. See Racketeering

EXTRA-SENSORY perception. See Perception, Extra-sensory

EXTRACTION processes

Craig, L. C. and others. *Extraction.* Anal Chem 28:728-9; 30:638-40 Ap '56, Ap '58

Roeder, E. *Technique for the extraction and partial chemical analysis of fluid-filled inclusions from minerals.* Econ Geol 53:267-9 My '58

Treybal, R. E. *Liquid extraction.* Ind & Eng Chem 47:543-6; 48:517-19; 49:522-5; 50:470-3; 51:385-8 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

EXTRA-CURRICULAR activities. See Student activities

EXTRASENSORY perception

Schmeidler, Gertrude Raffel, and McConnell, R. A. *ESP and personality patterns; with an introd. note by Gardner Murphy.* Yale univ. press '58 p130-2

EXTREMITIES (anatomy)

Holtfreter, J. *Transformation of a tail into a limb or gill-like structures.* J Exp Zool 129:646-8 Ag '55

Margolis, E. and Hasson, E. *Hereditary malformations of the upper extremities in three generations.* J Heredity 46:261-2 N '55

Saunders, J. W. and others. *Interactions of ectoderm and mesoderm in the origin of axial relationships in the wing of the fowl.* J Exp Zool 137:72-4 F '58

Singer, M. *Induction of regeneration of the forelimb of the postmetamorphic frog by augmentation of the nerve supply.* J Exp Zool 126:458-63 Ag '54

Thornton, C. S. *Relation of epidermal innervation to limb regeneration in amblystoma larvae.* J Exp Zool 127:595-7 D '54

Zwilling, E. and Ames, J. F. *Polydactyly, related defects and axial shifts—a critique.* Am Natur 92:285-6 S '58

EXUDATION (plants) See Plants—Exudation

EYCK, Hubert van, 1366?-1426

Eyck, Hubert van, and Eyck, Jan van, Hubert and Jan van Eyck; text by Léo van Puyvelde. (Gallery of masterpieces) Scribner '56 p39-42

EYCK, Jan van, 1390-1440

Bruyn, Josua. *Van Eyck problemen; de Levensbron, het werk van een leerling van Jan van Eyck.* Beijers '57 p 153-63

Eyck, Hubert van, and Eyck, Jan van, Hubert and Jan van Eyck; text by Léo van Puyvelde. (Gallery of masterpieces) Scribner '56 p39-42

EYE

American ophthalmological society. *Transactions.* 91st[94th] annual meeting, 1955 [1958] (V53-56) Toronto univ. press '56-'59 4v incl bibliog

Polyak, Stephen Lucian. *Vertebrate visual system; its origin, structure, and function and its manifestations in disease with an analysis of its role in the life of animals and in the origin of man, preceded by a historical review of investigations of the eye, and of the visual pathways and centers of the brain; ed. by Heinrich Klüver.* Univ. of Chicago press '57 p 1059-1358

See also

Cornea

Crystalline lens

Iris (eye)

Optic nerve

Optic thalamus

Retina

Accommodation and refraction

Mütze, Karl. *Die akkomodation des menschlichen auges.* Akademie-verlag '56 p 138-55

Care and hygiene

Current articles. See numbers of Sight-saving review

Diseases and defects

American public health association. *Committee on child health. Services for children with vision and eye problems.* The association; Nat. soc. for the prevention of blindness '56 p 109-12

EYE—Diseases and defects—*Continued*

Berens, C. Heredity and the eye. *Eugenics* Q 1:26 Jc '54

Haik, George M. and others, eds. Symposium on diseases and surgery of the lens. (New Orleans acad. of ophthalmology. Transactions, 1956) Mosby '57 incl bibliog

Shepard, Mary Estelle. Nursing care of patients with eye, ear, nose, and throat disorders. Macmillan '58 p233-7

Walsh, Frank Burton. Clinical neuro-ophthalmology. 2d ed Williams & Wilkins '57 incl bibliog

See also

Blindness

Cataract

Conjunctiva—Diseases

Glaucoma

Strabismus

Trachoma

Examination

Blum, Henrik L. and others. Vision screening for elementary schools; the Orinda study. Univ. of Calif. press '59 p 143-6

See also

Gonioscopy

Perimetry

Movements

Tinker, M. A. and Paterson, D. G. Effect of typographical variations upon eye movement in reading. *J Educ Res* 49:183-4 N '55

Muscles

Cogan, David Glendenning. Neurology of the ocular muscles. 2d ed Thomas '56 p230-84

Radiography

Yaşargil, Mahmut Gazi. Die röntgendiagnostik des exophthalmus unilaterialis (eine studie an hand von 114 fällen) mit einem vorwort von H. Krayenbühl. (Bibliotheca ophthalmologica, no50) Karger '57 p66-8

Surgery

Callahan, Alston. Surgery of the eye. Thomas '50-'56 2v incl bibliog

Fox, Sidney Albert. Ophthalmic plastic surgery. 2d rev ed Grune '58 incl bibliog

Haik, George M. and others, eds. Symposium on diseases and surgery of the lens. (New Orleans acad. of ophthalmology. Transactions, 1956) Mosby '57 incl bibliog

EYE (animals)

Ballard, R. C. Responses of stomoxys calcitrans (L.) to radiant energy and their relation to absorption characteristics of the eye. *Entom Soc Am Ann* 51:463-4 S '58

Riley, E. F. and others. Recovery of X-irradiated rabbit lenses. *Radiation Res* 11:88-9 J1 '59

Waterman, T. H. Relative growth and the compound eye in xiphosura. *J Morphol* 95: 156-8 J1 '54

Wolken, J. J. and others. Photoreceptor structures. *J Exp Zool* 134:404-6 Mr '57

EYE (fishes)

Cahn, Phyllis H. Comparative optic development in *astyanax mexicanus* and in two of its blind cave derivatives. (Bul. v 115, article 2) Am. museum of natural history '58 p 109-12

EYE (in religion, folklore, etc)

Gifford, Edward S. Evil eye; studies in the folklore of vision. Macmillan '53 p 197-208

EYMANN, Fritz, 1887-1954

Lebensbegegnungen mit Professor F. Eymann. Troxler-verlag '54 p 103-7

F

FABLES

Alte neue zeitung; a sixteenth cent. coll. of fables; ed. by Eli Sobel. (Calif. Univ. Pubs. Folklore studies, 10) Univ. of Calif. press '58 p63-4

FACE

Abnormalities and deformities

Little, Samuel C. Abnormal movements of the face; with special consideration of abnormal facial movements occurring in paroxysmal disorders. Univ. of Ala. press '54 p62-9

Radiography

Bouchet, Maurice, and Dulac, Georges. Anatomie radiographique du massif facial; schémas radiographiques des principales incidences; avec la collaboration de René Pailler. Masson '55 p 157-85

FACILITATION (psychology)

Bijou, S. W. and Sturges, P. T. Positive reinforcers for experimental studies with children—consumables and manipulables. *Child Develop* 30:168-70 Mr '59

Waters, R. H. Reinforcement in learning theory; a proposed realignment. *J Gen Psychol* 54:153-4 Ja '56

FACTOR ANALYSIS

Andrews, T. G. and Ray, W. S. Multidimensional psychophysics. *J Psychol* 44:143-4 J1 '57

Cattell, R. B. Chief invariant psychological and psycho-physical functional unities found by P-technique. *J Clin Psychol* 11:342-3 O '55

Cattell, R. B. Conceptual and test distinction of neuroticism and anxiety. *J Clin Psychol* 13:232-3 J1 '57

Cattell, R. B. and Gruen, W. Primary personality factors in 11-year-old children, by objective tests. *J Personality* 23:477-8 Je '55

Cattell, R. B. and others. Re-examination of personality structure in late childhood, and development of the high school personality questionnaire. *J Exp Educ* 27:88 D '58

Cousins, G. F. Factor analysis of selected wartime fitness tests. *Res Q* 26:287-8 O '55

Dahlstrom, W. G. Research in clinical psychology; factor analytic contributions. *J Clin Psychol* 13:219-20 J1 '57

Davis, P. C. Factor analysis of the Wechsler-Bellevue scale. *Educ & Psychol Meas* 16: 144-6 Spring '56

Driver, H. E. and Schuessler, K. F. Factor analysis of ethnographic data. *Am Anthropol* 59:662-3 Ag '57

Elmgren, John Kristian Gustaf. Some fundamental problems in psychological factor analysis. (Gothenburg. Göteborgs högskolan. Årsskrift, v64, no3) Almqvist '58 p43-4

Emm, Eloise. Factorial study of the problem solving ability of fifth grade boys. (Catholic univ. of Am. Educational research monograph, v22, no 1) Catholic univ. of Am. press '59 p56-7

Henrysson, Sten. Applicability of factor analysis in the behavioral sciences; a methodological study. (Stockholm studies in educational psychology, 1) Almqvist '57 p 150-6

McCall, John R. Sex differences in intelligence, a comparative factor study. Catholic univ. of Am. press '55 p62-5

Maxwell, A. E. Statistical methods in factor analysis. *Psychol Bul* 56:234-5 My '59

Michael, W. B. and others. Future of factor analysis. *Educ & Psychol Meas* 18:453-515 Autumn '58 incl bibliog

Royce, J. R. Development of factor analysis. *J Gen Psychol* 58:161-4 Ap '58

Royce, J. R. Factor theory and genetics. *Educ & Psychol Meas* 17:374-6 Autumn '57

Selected references on statistics, the theory of test construction, and factor analysis. *Sch R* 63:488-52; 64:370-4 N '55, N '56 annot

Stevens, S. S. On the psychophysical law. *Psychol R* 64:179-81 My '57

Stewart, R. G. Factor analysis in the measurement of personality integration. *Educ & Psychol Meas* 16:479-80 Winter '56

Tryon, R. C. Domain sampling formulation of cluster and factor analysis. *Psychometrika* 24:134-5 Je '59

Yela, Mariano. Psicología de las aptitudes, el análisis factorial y las funciones del alma. (Biblioteca hispánica de filosofía, 2) Editorial Gredos '56 p231-8

FACTORIES

Aronin, Jeffrey Ellis. Rise of the factory style in the USA. rev (Pub. no6) Am. assn. of architectural bibliographers '56 p 15-22

Bertiner, Joseph S. Factory and manager in the USSR. (Harvard univ. Russian research center. Russian research center studies, 27) Harvard univ. press '57 p337-45

Rase, Howard Frederick, and Barrow, M. H. Project engineering of process plants. Wiley '57 incl bibliog

Design and construction

Eastman, Robert M. and others. Bibliography of factory layout (1940-1958) (Engineering ser. bul. no44) Engineering experiment station. Univ. of Mo. '59 28p

FACTORY management

Berliner, Joseph S. Factory and manager in the USSR. (Harvard univ. Russian research center. Russian research center studies, 27) Harvard univ. press '57 p337-45

See also

Efficiency. Industrial
Foremen
Inspection
Job analysis
Motion study
Quality control
Time study

FACTORY waste. See Trade waste

FAECES. See Feces

FAESSLER, Carl, 1895-1957

Osborne, F. F. Memorial to Carl Faessler. Geol Soc Am Proc 1957:115-16 '58

FAGIUS, Paul, 1504-1549

Raubenheimer, Richard. Paul Fagius aus Rheinzabern; sein leben und wirken als reformator und gelehrter. (Veröffentlichungen, v6) Verein für pfälzische kirchengeschichte '57 p 129-34

FAINTING. See Syncope (pathology)

FAIR employment practice. See Discrimination in employment

FAIR trade (tariff). See Free trade and protection

FAIRBURN, Arthur Rex Dugard, 1904-1957

Johnson, Olive A. A. R. D. Fairburn, 1904-1957. (Monograph ser. no3) Univ. of Auckland '58 117p annot

FAIRS

Rothe, Edith, and Rust, Werner. Die Leipziger messe. (Biblog. zur geschichte der stadt Leipzig. Sonderband 1) Verlag für buch- & bibliothekswesen '58 213p

FAIRY tales

Röhrich, L. Neue wege der märchenforschung. Deutschunterricht 8 no6:92-116 '56

Swahn, Jan Öjvind. Tale of Cupid and Psyche. (Aarne-Thompson 425 & 428) Gleerup '55 p445-93

FAITH

Blakely, Hunter Bryson. I wager on God. John Knox press '56 p 189-97

FAITH cure

Boggs, Wade H. Faith healing and the Christian faith. Knox press '56 p 187-94

Gross, Don H. Case for spiritual healing. Nelson '58 p253-60 annot

Neal, Emily Gardner. God can heal you now. Prentice-Hall '58 p212-13

Oursler, Will. Healing power of faith. Hawthorn bks. '57 p346-53

See also

Christian science

FALASHAS

Leslau, W. Supplementary Falasha bibliography. Stud Biblog & Booklore 3:9-27 Je '57

FALLOUT, Radioactive. See Radioactive fallout

FALSE acacias. See Locust trees—False acacias

FAMATINITE

Gaines, R. V. Luzonite, famatinitite and some related minerals. Am Min 42:778-9 N '57

FAMILY

Abstracts. See numbers of Marriage and family living

Ackerman, Nathan Ward. Psychodynamics of family life; diagnosis and treatment of family relationships. Basic bks. '58 p351-65

Benning, Alfons. Ehe und familie in der Sowjetunion; gewürdigt vom standpunkt christlicher sittlichkeit. Verlag Regensburg '55 p84-5

Byrd, Oliver Erasmus, comp. Family life sourcebook; prepared under the auspices of the Am. social hygiene association. Stanford univ. press '56 p339-58

Dunn, H. L. and Gilbert, M. Public health begins in the family. Pub Health Rep 71: 1009-10 O '56

Feucht, Oscar E. ed. Helping families through the church; a symposium on family life education [sel. annot. biblog. on Christian family life by W. F. Wolbrecht] Concordia '57 p325-40

Fishbein, Morris, and Kennedy, Ruby Jo. Modern marriage and family living; introd. by Joseph Kirk Folsom [rev. & augm. version of Successful marriage] Oxford '57 incl biblog annot

Foot, Nelson N. and Cottrell, Leonard Slater. Identity and interpersonal competence; a new direction in family research. Univ. of Chicago press '55 p227-97

Force, Elizabeth S. Your family today and tomorrow. Harcourt '55 incl bibliog annot

Goody, John Rankine, ed. Developmental cycle in domestic groups. (Cambridge papers in social anthropology, no 1) Cambridge '58 incl bibliog

Grinstein, Alexander, and Sterba, Editha. Understanding your family. Random house '57 p301-3

Hayes, Edward, and Hayes, Paul James. Love for a lifetime; a guidebk. for those whom God has called to the married state; with an introd. by James M. Gillis, and a sec. by Ruth W. Reilly. Soc. of St Paul '55 p238-9

Hill, Reuben, and others. Family and population control; a Puerto Rican experiment in social change. Univ. of N.C. press '59 p468-73

Kirkpatrick, Clifford. Family as process and institution. Ronald '55 incl bibliog

Landis, Judson Taylor, and Landis, Mary Green. Personal adjustment, marriage and family living. 2d ed Prentice Hall '55 incl bibliog

Library association. County libraries section. Bringing up the family. (Readers' guide, new ser, no 41) The association '58 24p

Morgan, William Henry, and Morgan, Mildred I. Thinking together about marriage and family; discussion outlines, resources, and activity suggestions for young men and women, married couples and parents. Assn. press '55 incl bibliog

New books about parenthood and family life. See numbers of Child study

O'Rourke, Edward W. Marriage and family life. Newman foundation, Univ. of Ill. '56 p236-7

Porter, Blaine M. Bibliography of recent research in family relations and child development. Am. home economics assn. '56-57 2v

Review of family research in 1955[1-1958] Marriage & Fam Living 18:168-76; 19:279-94; 20:384-96; 21:287-99 My '56, Ag '57, N '58, Ag '59

Selected bibliography on family and child welfare. Int Social Serv R no 1:61-6 Ja '56

Sex education, marriage, and the family. Lib Counselor 12:1-23 O '57 annot

Smart, Mollie Stevens, and Smart, Russell Cook. Living in families. Houghton '58 incl bibliog annot

Stewart, Maxwell Slutz, ed. Growing family; with a foreword by Sidonie Matsner Gruenberg. Harper '55 p257-60

Woods, Sister Frances Jerome. American family system. (Harper's social science ser) Harper '59 incl bibliog annot

Zimmerman, Carle Clark, and Cervantes, Lucius Ferdinand. Marriage and the family; a text for moderns. Regnery '56 p671-89

See also

Children
Divorce
Family life education
Fathers
Husband and wife
Kinship
Marriage
Parent and child

FAMILY allowances

Stein, Bernhard. Der familienlohn; probleme einer familienrechtlichen einkommensgestaltung. (Sozialpolitische schriften, no5) Duncker & Humblot '56 p253-67

Vadakin, James Charles. Family allowances; an analysis of their development and implications; foreword by Richard L. Neuberger. (Miami. Univ. Coral Gables. Pubs. in economics, no3) Univ. of Miami press '59 p 175-8

FAMILY case work. See Social work

FAMILY life education

American social hygiene association. Education for personal and family living; a working guide for colleges; rep. of the Central Atlantic regional teacher preparation project. The association '55 p 111-45 annot

American social hygiene association. Strengthening family life education in our schools; rep. of the Midwest project on inservice education of teachers. The association '55 incl bibliog annot

American social hygiene association. Suggestions for preparing teachers in education for personal and family living; rep. of the Midwest project on teacher preparation. The association '54 incl bibliog annot

FAMILY life education—Continued

American social hygiene association. Suggestions for preparing teachers in education for personal and family living: Iowa, Minnesota, North Dakota [and] South Dakota, by a regional project committee. The association '54 incl bibliog

Family, latest model. Lib J 82:707-10 Mr '57 annot

Family life education. J Health Phys Educ Rec 30:37-9+ My '59

Hurt, Mary Lee. Home-living programs for the early adolescent; resource materials for the teacher-learning process. (Professional ser. Bul. no26) Bur. of educational research. Mich. state univ. '57 incl bibliog

Illinois. University. Undergraduate division, Chicago. Library. Family living; a sel. reading list for Social science 116. rev ed (Information circ. no 119) The library '56 6p

Landis, Judson Taylor, and Landis, Mary Green. Youth and marriage; a student manual. 2d ed (Prentice-Hall sociology ser) Prentice-Hall '57 p275-83 annot

Moore, Bernice (Milburn) and others. Families are forever; study guide on accents for young homemakers. Hogg foundation for mental health. Univ. of Tex. '59 incl bibliog

Moore, Bernice (Milburn) and others. Families are forever; study guide on fulfillments of maturity. Hogg foundation for mental health. Univ. of Tex. '59 incl bibliog

Morgan, Mildred. Bibliography to accompany The contributions and needs of home economics research in the area of family relations in the Journal of home economics. vol. 51, no5, May 1959. Am. home economics assn. '59 12p

New York (city). Board of education. Bureau of curriculum research. Bibliography on worthy home membership and family living for teacher use. (Curriculum research rep) The bureau '56 p1-10 annot

FAR EAST

Far Eastern bibliography, 1954[-1955] Far East Q 14:621-729; 15:659-812 S '55, S '56

France. Haut commissariat de France en Indochine. Direction des archives et bibliothèques. French books on the Far-East, 1651-1951. The agency '52 18p

Kuniyoshi, Mitsuko. Far East. (PACAF basic bibliogs) Pacific air forces, U.S. Air force '57 51p

London. University. School of Oriental and African studies. Library. Monthly list of periodical articles on the Far East and South Asia. The library. See numbers Annual cumulation with title: Far East and South-east Asia; a cumulated list of periodical articles

Michael, Franz Henry, and Taylor, George Edward. Far East in the modern world. Holt '56 p689-706

Nunn, G. R. and Tsien, T. H. Far Eastern resources in American libraries. Lib Q 29: 40-2 Ja '59

Pfeffer, Nathaniel. Far East; a modern history. (Univ. of Mich. history of the modern world) Univ. of Mich. press '58 p483-9

See also

Eastern question (Far East)

Description and travel

Columbia university. Libraries. Marco Polo to Perry; an exhibition portraying Western knowledge of the Far East during six centuries, Sept. 6-Dec. 1, 1955. The libraries '55 29p

Economic conditions

Thompson, Warren Simpson. Population and progress in the Far East. Univ. of Chicago press '59 p404-21

History

Conroy, H. Chōsen Mondai: the Korean problem in Meiji Japan. Am Phil Soc Proc 100: 453-4 O '56

Crofts, Alfred, and Buchanan, Percy. History of the Far East. Longmans '58 p587-97

Latourette, Kenneth Scott. Short history of the Far East. 3d ed Macmillan '57 incl bibliog

Vinacke, Harold Monk. History of the Far East in modern times. 6th ed Appleton '59 incl bibliog

Politics

Greene, Fred. Far East. Rinehart '57 incl bibliog

Vinacke, Harold Monk. Far Eastern politics in the postwar period. Appleton '56 incl bibliog

Population

Thompson, Warren Simpson. Population and progress in the Far East. Univ. of Chicago press '59 p404-21

FARIGOULE, Louis. See Romans, J. pseud.

FARKAS, Julius von, 1894-
Přítisk Omelán. Julius von Farkas-bibliographie; festgabe zum 60. geburtstage. Har-rassowitz '54 27p

FARM buildings

Organization for European economic cooperation. European productivity agency. Farm buildings including their remodelling and adaptation; v 1. United States. (Project no391) The agency '58 p 139-45

FARM crops. See Field crops

FARM labor

Organization for European economic cooperation. European productivity agency. Labour management on the farm. (Project no200) The agency '57 p 137-63

United States. Bureau of labor standards. Selected references on migratory workers and their families; problems and programs, 1950-1955. The bureau '55 11p

FARM life

See also

Country life

Fiction

Sherman, C. B. Selected rural fiction in 1957. Rural Social 23:321-2 S '58 annot

FARM machinery. See Agricultural machinery

FARM management

Beneke, Raymond R. Managing the farm business. (Wiley farm ser) Wiley '55 incl bibliog

Cassandro, Paolo Emilio. Le gestioni agrarie. (Trattato di ragioneria, v7. Parti speciali) Unione tipografica editrice torinese '53? p641-4

Johnson, Sherman Ellsworth, and others. Getting started in farming. Van Nostrand '55 incl bibliog

Purdue university. Agricultural experiment station. Agricultural work simplification review. (Mimeo EC 133, issue 24) The station '56 p28-34

United States. Superintendent of documents. Farm management. (Price list 68, 41st ed) U.S. Gov. ptg. office '57 17p

Research in progress

South Carolina. Agricultural experiment station. Summaries of farm and home research projects, 1955-56. (Circ. 106) The station; Clemson agricultural college '56 np

FARM mechanization. See Agricultural machinery

FARM ownership

Suter, Robert C. Father-son farm business agreements. (Bul. 624) Agricultural experiment station, College of agriculture, Univ. of Mo. '54 p23

FARM ponds. See Ponds

FARM produce

See also

Field crops

Costs

United States. Agricultural marketing service. Marketing research division. Farm-retail spreads for food products: costs, prices. (U.S. Dept. of agriculture. Misc. pub. no741) U.S. Gov. ptg. office '57 p 139-65

Prices

King, Gordon A. Demand and price structure for by-product feeds. (U.S. Dept. of agriculture. Technical bul. no 1183) U.S. Gov. ptg. office '58 p 134-7

United States. Agricultural marketing service. Marketing research division. Farm-retail spreads for food products: costs, prices. (U.S. Dept. of agriculture. Misc. pub. no741) U.S. Gov. ptg. office '57 p 139-65

Storage

Cotton, Richard Thomas. Pests of stored grain and grain products, rev ed Burgess '56 incl bibliog

FARM surveys

Stewart, Clyde E. and Huffman, Roy E. Resource needs and income potentials on newly irrigated family-operated farms, lower Marias project, Montana. (Bul. 521) Agricultural experiment station, Mont. state college '56 p86-90

FARMERS

Davis, Elizabeth Gould. Low-income farm people; a sel. list of references to bks, pamphlets, buls. and the more substantial periodicals appearing between Jan. 1945 and Apr. 1955. (U. S. Dept. of agriculture. Lib. Lib. list no62) U.S. Gov. ptg. office '55 46p
Stanton, Janet (Richards) and Mount, Robert Ross. Levels of living of U.S. farm families; sel. annot. references, 1940-1955. (U.S. Dept. of agriculture. Misc. pub. no746) U.S. Gov. ptg. office '57 52p

FARMERS alliance

Hicks, John Donald. Populist revolt; a history of the Farmers' alliance and the People's party. Univ. of Minn. press '55 p447-64 annot

FARMING. See Agriculture

FARMING, Dry. See Dry farming

FARMINGTON plan

Williams, Edwin Everitt. Farmington plan handbook. Assn. of research libs. '53 p55-60

FARNHAM, England (Surrey)

Temple, Nigel H. L. Farnham inheritance. Langham's '56 p53-94

FARRELL, James Thomas, 1904-

Branch, Edgar Marquess. Bibliography of James T. Farrell's writings, 1921-1957. Univ. of Pa. press '59 142p

FARWELL, Oliver Atkins, 1867-1944

McVaugh, Rogers, and others. Farwelliana: an account of the life and botanical work of Oliver Atkins Farwell, 1867-1944. (Bul. no34) Cranbrook inst. of science '53 p88-101

FASCISM

Ebenstein, William. Today's isms; communism, fascism, capitalism. 2d ed Prentice-Hall '58 incl bibliog

See also

Corporate state
National socialism
Totalitarianism

Italy

Germino, Dante L. Italian fascist party in power; a study in totalitarian rule. Univ. of Minn. press '59 p 166-75

FASHION

Flury von Bülztinglöwen, R. Shirt. Ciba R 11:29 S '57

See also

Clothing and dress
Dressmaking

FASTS and feasts

See also

Church calendar

FAT

Afin-Slater, R. B. and others. Nutritive value and safety of hydrogenated vegetable fats as evaluated by long-term feeding experiments with rats. J Nutrition 63:259-61 O '57

Anderson, J. T. and others. Effects of different food fats on serum cholesterol concentration in man. J Nutrition 62:442-4 J1 '57

Bohman, V. R. and others. Effect of animal fat and protein supplements on range beef cattle. J Animal Sci 18:576-7 My '59

Brewer, W. D. and Arrrich, L. Role of fat in the diet. J Home Econ 50:273 Ap '58

Dahl, Olle. Characteristics of slaughter animal depot fats and their interrelations. (Acta agriculturae Scandinavica. Sup3) Almavist '58 p66-8

Dahl, O. Influence of the basal diet in quality of pig fat. Acta Ag Scand 8 no 1: 116 '58

Deuel, H. J. Newer concepts of the role of fats and of the essential fatty acids in the diet. Food Res 20:88-91 Ja '55

Gaddis, A. M. and others. Carbonyls in oxidizing fat. Food Res 23:295-7 My '59

Garcia, P. and others. Relation of age to fat absorption in adult women together with observations on concentration of serum cholesterol. J Nutrition 55:608-9 Ap '55

Gershoff, S. N. and others. Effect of the carbohydrate and fat content of the diet upon the riboflavin requirement of the cat. J Nutrition 68:86-8 My '59

Havel, R. J. Transport and metabolism of chylomicra. Am J Clin Nutrition 6:667-8 N '58

Hegsted, D. M. and others. Quantitative effects of cholesterol, cholic acid and type of fat on serum cholesterol and vascular sudanophilia in the rat. J Nutrition 63:287-8 O '57

Herting, D. C. and others. Digestion of acetylated monoglycerides and of triglycerides. J Nutrition 57:385-7 N '55

Holemans, K. and Lambrechts, A. Nitrogen metabolism and fat absorption in malnutrition and in kwashiorkor. J Nutrition 56: 492-4 Ag '55

London. Science museum. Science library. Effects of fats on animals; with special reference to the comparative value of butter and margarine (1933-1958). (Bibliog. ser. no762) The library '58 5p

Mazelis, M. and Stumpf, P. K. Fat metabolism in higher plants. Plant Physiol 30:243 My '55

Mead, J. F. Fat absorption. Am J Clin Nutrition 6:607-8 N '58

Mickelsen, O. and others. Experimental obesity. J Nutrition 57:553-4 D '55

Pfeifer, J. J. and Holman, R. T. Effect of saturated fat upon essential fatty acid metabolism of the rat. J Nutrition 68:166-8 My '59

Portman, O. W. and others. Dietary fat and hypercholesterolemia in the cebus monkey. Am J Clin Nutrition 7:68-9 Ja '59

Schreiber, M. and Elvehjem, C. A. Water restriction in nutrition studies. J Nutrition 57:144-5 S '55

Thompson, C. W. and others. Changes in body fat, estimated from skinfold measurements of college basketball and hockey players during a season. Res Q 27:429-30 D '56

Tidwell, H. C. Effect of choline, methionine and ethionine on fat absorption. J Nutrition 58:577-8 Ap '56

Yoshida, A. and others. Effects of protein per calorie ratio and dietary level of fat on calorie and protein utilization. J Nutrition 63:568-70 D '57

See also

Milk—Fat content

FATHER Damien. See Damien de Veuster, J.

FATHERS

Stolz, Lois Hayden (Meek) and others. Father-relationships of war-born children; the effect of postwar adjustment of fathers on the behavior and personality of first children born while the fathers were at war. Stanford univ. press '54 p361-5

FATHERS, Apostolic. See Apostolic fathers

FATHERS of the church

Campanhausen, Hans, freiherr von. Die griechischen kirchenväter. (Urban-bücher; die wissenschaftliche taschenbuchreihe, 14) Kohlhammer '55 incl bibliog

—Same; with title: Fathers of the Greek church; tr. by Stanley Godman. Pantheon bks. '59 p 163-70 annot

Makarewicz, Sister Mary Raynelda. Patristic influence on Chaucer. Catholic univ. of Am. press '53 p233-44

Payne, Pierre Stephen Robert. Holy fire; the story of the Fathers of the Eastern church. Harper '57 p299-304

See also

Apostolic fathers

Christian literature. Early

Saints

FATIGUE

Bevan, William, and Patton, Rollin M. Fatigue, stress, bodily change, and behavior; sel. bibliography. (U.S. Wright air development center. WADC technical rep. 57-125) Air research & development command, U.S. Air force '57 64p

International civil aviation organization. Flight crew fatigue and flight time limitations. (Circ. 52-AN/47) The organization '57 p69-70

See also

Relaxation

FATIGUE of metals. See Metals—Fatigue

FATS. See Oils and fats

FATTY acids. See Acids. Fatty

FAULKNER, William, 1897-

Meriwether, James B. William Faulkner: a check list. Princeton univ. lib. '57 23p

O'Connor, William van. William Faulkner. (Univ. of Minn. pamphlets on Am. writers. no3) Univ. of Minn. press '59 p41-3

Oregon. University. Library. Humanities division. William Faulkner: bibliography and criticism, 1951-1954. The library '55 11p

FAULKNER, William—Continued

Robb, Mary Cooper. William Faulkner; an estimate of his contribution to the modern Am. novel. (Critical essays in English and Am. literature, no 1) Univ. of Pittsburgh press '57 p65-6

FAULTS (geology)

Allen, C. R. San Andreas fault zone in San Geronio pass, southern California. *Geol Soc Am Bul* 68:347-9 Mr '57

Hodgson, J. H. Nature of faulting in large earthquakes. *Geol Soc Am Bul* 68:642-3 My '57

Hubbert, M. K. and Rubey, W. W. Role of fluid pressure in mechanics of overthrust faulting. *Geol Soc Am Bul* 70:162-6, 202-5 F '59

Lensen, G. J. Wellington fault from Cook strait to Manawatu gorge. *N Z J Geol & Geophys* 1:195-6 F '58

Moody, J. D. and Hill, M. J. Wrench-fault tectonics. *Geol Soc Am Bul* 67:1243-6 S '56

Pierce, W. G. Heart mountain and South Fork detachment thrusts of Wyoming. *Am Assn Pet Geol Bul* 41:625-6 Ap '57

St Amand, P. Geological and geophysical synthesis of the tectonics of portions of British Columbia, the Yukon territory, and Alaska. *Geol Soc Am Bul* 68:1369-70 O '57

FAUNA. See Zoology; also Desert fauna; Fresh water fauna; Marine fauna; Soil fauna

FAUVISM

Leymarie, Jean. Fauvism; biographical and critical study; tr. by James Emmons. (Taste of our time, v28) Skira '59 p 149-52

FAVARO, Edmundo J. 1907-1957

Narancho, E. M. Edmundo J. Favarero, 1907-1957. *Hispan Am Hist R* 38:58-9 F '58

FAVRE, Peter, Blessed, 1506-1546

Bangert, William V. To the other towns; a life of Blessed Peter Favre, first companion of St Ignatius. Newman press '59 p319-22

FAVUS

Blank, F. Favus of mice. *Can J Microbiol* 3:894-6 O '57

FAZZINI, Pericle, 1913-

Pericle Fazzini; presentazione di Romeo Lucchese. (Artisti d'oggi; collana di monografie) De Luca '52 p87-99

FEAR

See also
Anxiety
Stage fright

FEATHERBEDDING

Bureau of railway economics. Library. Featherbedding; a list of references arranged chronologically with index of auths, 1938-1958. The library '58 19p

FEATHERS

Cairns, J. M. and Saunders, J. W. Influence of embryonic mesoderm on the regional specification of epidermal derivatives in the chick. *J Exp Zool* 127:246-8 N '54

Humphrey, P. S. and Parkes, K. C. Approach to the study of molts and plumages. *Auk* 76:30-1 Ja '59

Wetherbee, David Kenneth. Natal plumage and downy pterylosis of passerine birds of North America. (Bul. v 113, article 5) Am. museum of natural history '57 p431-6

FECES

Watts, J. H. and Graham, D. C. W. Calcium excretion in human subjects at two levels of milk intake. *J Dairy Sci* 41:1228-9 S '58

See also
Coprophagy

FECES, Fossil. See Coprolites

FECUNDITY

Dorjahn, V. R. Fertility, polygyny and their interrelations in the Temne society. *Am Anthropol* 60:859-60 O '58

Elder, W. H. and Weller, M. W. Duration of fertility in the domestic mallard hen after isolation from the drake. *J Wildlife Mgt* 18:501-2 O '54

Farris, Edmond John. Human ovulation and fertility. Lippincott '56 p 149-54

Flerchinger, F. H. and others. Metabolism of bull semen. *J Dairy Sci* 38:1035-6; 39:337-8, 1013-14 S '55, Mr, Jl '56

Grabill, Wilson H. and others. Fertility of American women; for the Social science research council in cooperation with the U.S. Dept. of commerce, Bur. of the census. (Census monograph ser) Wiley '58 p393-9

Hall, J. G. and others. Estrus, estrous cycles, ovulation time, time of service, and fertility of dairy cattle in Louisiana. *J Dairy Sci* 42:1093-4 Je '59

Henshaw, Paul Stewart. Adaptive human fertility. *McGraw '55* p270-302

Hutchison, D. A. and others. Reproduction in the West Virginia university dairy herds. (Bul. 412T) Agricultural experiment station, W. Va. univ. '58 p 15-16

Lindley, C. E. and others. Certain semen characteristics and their relation to the reproductive performance of a purebred Hereford herd. *J Animal Sci* 18:62-3 F '59

Milbank memorial fund. Thirty years of research in human fertility: retrospect and prospect; papers presented at the 1958 annual conference of the Fund, held Oct. 22-23, 1958, at the New York acad. of medicine. The fund '59 2v v2, p 133-4

Roberts, S. J. Evaluation of uterine infusions for the treatment of infertility in cattle. *Cornell Vet* 46:34-6 Ja '56

Robinette, W. L. and others. Fertility of mule deer in Utah. *J Wildlife Mgt* 19:135-6 Ja '55

Saunders, John Van Dyke. Differential fertility in Brazil. Univ. of Fla. press '58 p87-8

Stycoos, J. Mayone. Family and fertility in Puerto Rico; a study of the lower income group. Columbia univ. press '55 p316-22

See also

Sterility

FECUNDITY (botany)

Nielsen, E. L. Cytological disturbances influencing fertility in bromus inermis. *Bot Gaz* 116:304-5 Je '55

Schertz, K. F. and Murphy, R. P. Fertility in relation to chromosome constitution and behavior in bromus inermis Leyss. *Agron J* 50:376 Jl '58

Stebbins, G. L. Self fertilization and population variability in the higher plants. *Am Natur* 91:353-4 N '57

FEDERAL aid. See Grants-in-aid

FEDERAL government

Bowie, Robert Richardson, and Friedrich, Carl Joachim, eds. Studies in federalism. Little '54 p855-70

Deuerlein, Ernst. Der Bundesratsausschuss für die auswärtigen angelegenheiten, 1870-1918; dargestellt vornehmlich auf grund bisher unveröffentlichter akten des Bayerischen geheimen staatsarchivs München, der Bayerischen staatskanzlei München, des Württembergischen hauptstaatsarchivs Stuttgart und des Badischen generallandesarchivs Karlsruhe. Habel '55 p325-45

Riker, W. H. Dutch and American federalism. *J Hist Ideas* 18:518-21 O '57 annot

Roettinger, Ruth Locke. Supreme court and state police power; a study in federalism; foreword by W. W. Pierson. Public affairs press '57 p233-9

United States. Commission on intergovernmental relations. Intergovernmental relations in the United States; a sel. bibliog. on interlevel and interjurisdictional relations. The commission '55 207p

United States. Library of Congress. Legislative reference service. Intergovernmental relations in the United States; a sel. bibliog. prepared by W. Brooke Graves. The service '53 73p

—Same. U.S. Gov. ptg. office '56 119p

See also

European federation

FEDERAL reserve bank

Committee on the history of the Federal reserve system. Registers of private papers which bear on the history of the Federal reserve system; material comp. 1954-1956. The committee '56 1v

Rist, Marcel. La Federal reserve et les difficultés monétaires d'après guerre, 1945-1950; préf. de Jean Marchal. (Fondation nationale des sciences politiques. Cahiers, 34) Colin '52 p357-65

United States. Board of governors of the Federal reserve system. Federal funds market; a study by a Federal reserve system committee. (Federal reserve technical papers) The board '59 p 110-11

FEDERATION, Regional. See International organization—Regional organization

FEDERATION OF RHODESIA AND NYASALAND

Osborn, Betty. Central African federation. (Special lists, no3) Lib. assn. '56 7p

- FEDERN, Paul, 1871-1950**
Federn, Paul. Ichpsychologie und die psychosen; mit einer einleitung von Edoardo Weiss und einem nachwort von Heinrich Meng. (Bücher des werdenden, ser2, v6) Huber '56 p363-5
- FEEDBLEMINDEDNESS.** See Mental deficiency; Mentally handicapped
- FEED water purification**
Spittgerber, Arthur. Kesselspeisewasserpfege; erfodernisse und derzeitige möglichkeiten. 2d ed (Schriftenreihe des Verlages Technik, v93) Verlag Technik '53 p88-93
Spittgerber, Arthur. Wasseraufbereitung im dampfkraftbetrieb. Springer '54 p363-423
- FEEDBACK (electronics)**
Hammond, Percival Hudson. Feedback theory and its applications. (Applied physics guide ser) Macmillan '58 incl bibliog
Jury, Eliahu Ibrahim. Sampled-data control system. Wiley '58 p415-20
Ragazzini, John Ralph, and Franklin, Gene F. Sampled-data control systems. (McGraw-Hill ser. in control systems engineering) McGraw '58 p321-5
Smith, Otto Joseph Mitchell. Feedback control system. (McGraw-Hill ser. in control systems engineering) McGraw '58 incl bibliog
- FEEDING and feeding stuffs**
Ammerman, C. B. and others. Ruminant utilization of inorganic phosphates. *J Animal Sci* 16:808-10 N '57
Bauman, Emanuel R. and others. Survival of swine disease organisms in the heat treatment of garbage. (Bul. 179) Iowa engineering experiment station, Iowa state college '57 p 110-14
Bell, J. M. Nutritional value of rapeseed oilmeal: a review. *Can J Ag Sci* 35:249-51 My '55
Bell, Marvin Carl, and others. Use of urea and stilbestrol in rations for beef cattle. (Bul. 277) Agricultural experiment station, Univ. of Tenn. '57 p28-30
Bendaña-Brown, A. and Lim, C. Y. Availability of calcium in some Philippine vegetables. *J Nutrition* 67:467-8 Mr '59
Blaxter, K. L. Nutritive value of feeds as sources of energy. *J Dairy Sci* 39:1418-24 O '56
Bloom, S. and others. Effects of various hay-concentrate ratios on nutrient utilization and production responses of dairy cows. *J Dairy Sci* 40:250-1 Mr '57
Colvin, H. W. and others. Efficacy of oat hay as a legume bloat preventive in cattle. *J Dairy Sci* 41:1563-4 N '58
Commonwealth bureau of animal nutrition. Nutrition abstracts & reviews. The bureau. See numbers
Crampton, Earle Wilcox. Applied animal nutrition; the use of feedstuffs in the formulation of livestock rations. (Ser. of college texts in agricultural science) Freeman '56 incl bibliog
DeLuca, A. P. and others. Relative effectiveness of various antioxidants fed to lactating dairy cows, on incidence of copper-induced oxidized milk flavor and on apparent carotene and tocopherol utilization. *J Dairy Sci* 40:885-6 Ag '57
Dowe, T. W. and others. Effects of adequate and excessive calcium when fed with adequate phosphorus in growing rations for beef calves. *J Animal Sci* 16:819-20 N '57
Ellis, W. C. and Pfander, W. H. Influence of varied cellulose and nitrogen levels upon ration digestibility and nitrogen balance of lambs fed semipurified rations. *J Nutrition* 65:248-50 Je '58
Ellis, W. C. and others. Molybdenum as a dietary essential for lambs. *J Animal Sci* 17:187-8 F '58
Finlayson, J. S. and Baumann, C. A. Responses of rats to urea and related substances. *J Nutrition* 59:220-1 Je '56
Gander, J. E. and Schultze, M. O. Concerning the alleged occurrence of an animal protein factor required for the survival of young rats. *J Nutrition* 55:556-7, 574-5 Ap '55
Haldi, J. and others. Dental caries in the albino rat in relation to the chemical composition of the teeth and of the diet. *J Nutrition* 57:222-3; 58:332-3; 63:63-4; 67:652-3 O '55, Mr '56, S '57, Ap '59
Hall, C. W. Theoretical considerations in materials handling systems. *Ag Eng* 39:529+ S '58
Halnan, E. T. and others, eds. Problems on animal feeding in Europe; efforts towards self-sufficiency. (FAO agricultural development paper, no51; European assn. for animal production. Pub. no3) Food & agriculture organization of the United Nations '55 p 135-47
Hawkins, G. E. and others. Manganese in the nutrition of young dairy cattle fed different levels of calcium and phosphorus. *J Dairy Sci* 38:546-7 My '55
Hibbs, J. W. and others. High roughage system for raising calves based on the early development of rumen function. *J Dairy Sci* 37:735-6 Je '54
Hoslund, C. R. and others, eds. Nutritional and economic aspects of feed utilization by dairy cows. Iowa state college press '59 incl bibliog
Huffman, C. F. and Duncan, C. W. Nutritive value of corn silage for milking cows. *J Dairy Sci* 37:964-6 Ag '54
Keith, Thomas Byron, and Lehrer, William Peter. Growth responses of lambs fed three levels of roughage with chlortetracycline and aurofac 2A. (Research bul. no31) College of agriculture, Univ. of Idaho '55 p7-8
King, Gordon A. Demand and price structure for by-product feeds. (U.S. Dept. of agriculture. Technical bul. no 1183) U.S. Gov. ptg. office '58 p 134-7
Lassiter, C. A. Antibiotics as growth stimulants for dairy cattle: a review. *J Dairy Sci* 38:1132-8 O '55
Marsden, S. J. and others. Relationships among diet composition, fleshing, fatness, and edible quality of female roasting turkeys. *Poultry Sci* 36:645-6 My '57
Merck and company, incorporated. Vitamin B₁₂ in animal nutrition. (Merck service bul) Chemical div. '57 incl bibliog
Metta, V. C. and Mitchell, H. H. Comparison of the biological values of dietary protein incorporated in high- and low-fat diets. *J Nutrition* 59:511-13 Ag '56
Meyer, J. H. and others. Influence of pelleting on the utilization of alfalfa. *J Animal Sci* 18:345-6 F '59
Morrison, Frank Barron, and others. Feeds and feeding; a handbk. for the student and stockman. 22d ed unabridged Morrison pub. co. '56 incl bibliog
National research council. Committee on feed composition. Composition of cereal grains and forages, prepared by Donald F. Miller (Pub. 585) The council '58 p605-56
Oser, B. L. and Oser, M. Response of hamsters to a natural-type diet containing emulsifiers. *Food Res* 22:285-6 My '57
Passananti, G. T. and others. Effects of supplementary methionine and choline on tissue lipides and on the vascular structure of cholesterol-fed growing rats. *J Nutrition* 66:72-3 S '58
Putnam, P. A. and others. Excretion of chromium oxide by dairy cows. *J Dairy Sci* 41:1727-9 D '58
Recent publications on feed handling (1946-1958) *Ag Eng* 39:581+ S '58
Rousseau, J. E. and others. Effect of some antioxidants on the utilization of carotene by Holstein calves. *J Dairy Sci* 39:1681-2 D '56
Rousseau, J. E. and others. Relative value of carotene from alfalfa and vitamin A from a dry carrier fed at minimum levels to Holstein calves. *J Dairy Sci* 37:898-9 Jl '54
Salt institute. Salt in animal nutrition, by Rufus F. Cox [and others] The institute '57 incl bibliog
Seiden, Rudolph, and Pfander, W. H. Handbook of feedstuffs; production, formulation, medication; foreword by Grant Cannon. Springer pub. '57 p581-90
Stallcup, O. T. Release of ammonia nitrogen from urea, ammoniated molasses, and soybean oil meal in the presence of rumen microorganisms. *J Dairy Sci* 37:1458-60 D '54
Stockstad, E. L. R. Antibiotics in animal nutrition. *Food Tech* 9:408 Ag '55
Tillman, A. D. and Brethour, J. R. Utilization of phytin phosphorus by sheep. *J Animal Sci* 17:111-12 F '58
United States. Food and drug administration. Symposium on medicated feeds; proceedings; sponsored by [the] Administration, Veterinary medical branch. Jan. 23-24, 1956; ed. by Henry Welch and Félix Martí Ibáñez. Medical encyclopedia '56 incl bibliog

FEEDING and feeding stuffs—Continued

- Van de Wall, G. and Alvord, E. D. Survey of the food and feed resources of the Union of South Africa; with a foreword by D. G. Haylett. Van Schaik '54 p 154-5, 311-12
- Weits, J. Preparation of roughage samples for biological determination of vitamin D content. *J Dairy Sci* 41:1092-3 Ag '58
- Williams, Harold Henderson. Essential amino acid content of animal feeds. (Memoir 337) Agricultural experiment station, Cornell univ. '55 p27-31
- Zimmerman, Gideon. Die wirkung der hitzebehandlung auf den nährwert des eiweisses in nahrungs- und futtermitteln; ein beitrag zur bestimmung der biologischen wertigkeit der stickstoffhaltigen substanz in der nahrung mit vergleichenden ausführungen über die oxydationslage, welche sich nach verabreichung eines eiweissträgers im stoffwechsel ausgewachsener ratten ergibt. Juris-verlag '52 p223-49

See also

- Alfalfa
- Calves—Feeding
- Cattle—Feeding
- Cows—Feeding
- Forage plants
- Forage poisoning
- Minerals (food)
- Poultry—Feeding
- Sheep—Feeding
- Silage
- Swine—Feeding
- FEELING. See Perception
- FEELINGS. See Emotions
- FEET. See Foot

- FEKETE, Michael, 1886-1957
Rogosinski, W. W. Michael Fekete. Lond
Math Soc J 33:497-500 O '58

FELDSPAR

- Babu, S. K. Minerals from the Chamundi granitic suite and associated rocks, Mysore. Madras Univ J secB 26:260-1 Ag '56
- Baskin, Y. Study of authigenic feldspars. *J Geol* 64:154-5 Mr '56
- Cameron, Eugene Nathan, and others. Pegmatite investigations, 1942-45, New England. (U.S. Geological survey. Professional paper 255) U.S. Gov. ptg. office '54 p341-7
- Mackenzie, W. S. Crystalline modifications of NaAlSi₃O₈. *Am J Sci* 255:515-16 Summer '57

- FELICIAN sisters of the Order of St Francis
Felician sisters of the Order of St Francis. Magnificat; a centennial record of the Congregation, Nov. 1855-1955. The order '55 p 150-3

- Hilburger, Sister Mary Charitina. Writings of the Felician sisters in the United States: part I, 1877-1946, part II, 1946-1954; in the centennial of the Congregation of the Felician sisters, 1855-1955. Felician sisters '55 63p

FELIX, Arthur, 1887-1956

- Craigie, J. Arthur Felix, 1887-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p75-9)

FELIX, Elisa Rachel, 1821?-1858

- Richardson, Joanna. Rachel. Putnam '57 p215-18

FELT

- Felt. *Ciba R* 11:25 N '58

- FEMINISM. See Woman—Social and moral questions

FEMUR*Surgery*

- Müller, Maurice Edmond. Die hüftnahen femurosteotomien, unter berücksichtigung der form, funktion und beanspruchung des hüftgelenkes; mit einem geleitwort von M. R. Francillon. Thieme '57 p 171-81

FENCING

- Bowling-fencing-golf guide, June 1958-June 1960; eds: Mildred Wohlford (and others) [Fencing bibliog. by Judith Morofsky; Bibliog. for golf by Nancy Van Annel] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p 102-3

- FENELON, François de Salignac de la Mothe, abb, 1651-1715

- Goré, Jeanne Lydie. L'itinéraire de Fénelon: humanisme et spiritualité. (Grenoble, Faculté des lettres. Pubs. 17) Presses univ. de France '57 p731-44

FENS, England

- Darby, Henry Clifford. Draining of the Fens. 2d ed (Cambridge studies in economic history) Cambridge '56 p285-305

FERBER, Edna, 1887-

- Brenni, V. J. and Spencer, B. L. Edna Ferber; a sel. bibliography. *Bul Bibliog* 22: 152-6 S '58

FERDINAND V, King of Spain, 1452-1516

- Gómez de Mercado y de Miguel, Francisco. Dogmas nacionales del Rey católico; prólogo póstumo del Excmo. Sr. duque de Alba. Ediciones cultura hispánica '53 p433-43

FERENCZI, Sándor, 1873-1933

- Ferenczi, Sándor. Final contributions to the problems & methods of psycho-analysis; ed. by Michael Balint; tr. by Eric Mosbacher [and others] introd. by Clara Thompson. (Basic classics in psychiatry; Sel. papers, v3) Basic bks. '55 p377-86

FERMENTATION

- Abstracts. See numbers of Institute of brewing. *Journal*
- Abstracts. See numbers of Wallerstein laboratories, New York. *Communications*
- Abstracts on brewing materials and processing. See numbers of Brewers digest
- Barker, Horace Albert. Bacterial fermentations. (Ciba lectures in microbial biochemistry, 1956) Wiley '56 incl bibliog
- Beesch, S. C. and others. Fermentation. *Ind & Eng Chem* 47:1872-5; 48:1601-3; 49:1503-5; 50:1352-4 S '55, S '56, S '57, S '58
- Etchells, J. L. and others. Populations and softening enzyme activity of filamentous fungi on flowers, ovaries, and fruit of pickling cucumbers. *Ap Microbiol* 6:439-40 N '58

- Fuld, G. J. and Dunn, C. G. 50-gallon pilot plant fermentor for classroom instruction. *Ap Microbiol* 6:22-3 Ja '58

- Steel, Robert, ed. Biochemical engineering; unit processes in fermentation. Macmillan '58 incl bibliog

- Steel, R. and Brierley, M. R. Agitation-aeration in submerged fermentation. *Ap Microbiol* 7:56-1 Ja '59

- Whalley, Muriel E. Survey of continuous fermentation processes; an annot. bibliography. (T.I.S. rep. no45) Technical information service, Nat. research council '55 29p

See also

- Brewing
- Enzymes
- Sugars

FERMENTATION, Bacterial

- Gibbs, M. and others. Product labeling of glucose-1-C¹⁴ fermentation by homofermentative and heterofermentative lactic acid bacteria. *J Bact* 70:575-6 N '55

- Platt, T. B. and Foster, E. M. Products of glucose metabolism by homofermentative streptococci under anaerobic conditions. *J Bact* 75:458-9 Ap '58

- Sagers, R. D. and Beck, J. V. Studies on the formation of formate, glycine, serine, pyruvate and acetate from purines by clostridium acidu-urici. *J Bact* 72:208 Ag '56

- Whiteley, H. R. Fermentation of amino acids by micrococcus aerogenes. *J Bact* 74:329-30 S '57

FERMI, Enrico, 1901-1954

- Allison, S. K. Enrico Fermi, 1901-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p 137-55)

- Bretscher, E. and Cockcroft, J. D. Enrico Fermi, 1901-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p75-8)

FERMOR, Sir Lewis Leigh, 1880-1954

- Crookshank, H. and Auden, J. B. Lewis Leigh Fermor, 1880-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 113-16)

- FERNANDES, João Ribeiro. See Ribeiro Fernandes, J.

- FERNANDEZ DE CASTRO, José Antonio, 1897-1951

- Castro de Morales, Lilia. Bibliografía de José Antonio Fernández de Castro. José Antonio Fernández de Castro, periodista e investigador, por Salvador Bueno. Havana. Biblioteca nacional '55 48p

FERNANDEZ MORENO, Baldomero, 1886-1950

- Fernández Moreno, César. Introducción a Fernández Moreno. (Sel. Emecé de obras contemporáneas) Emecé editores '56 p251-7

FERNS

Cooperider, Tom Smith. Ferns and other pteridophytes of Iowa. (Studies in natural history, v20, no 1) State univ. of Iowa '58 p63-4

Reed, Clyde Franklin. Ferns and fern-allies of Maryland and Delaware, including District of Columbia. Reed herbarium '53 p275-8

Wilson, K. A. Ontogeny of the sporangium of phlepodium (polypodium) aureum. Am J Bot 45:490-1 Je '58

FERNS, Fossil

Beck, C. B. Tetraxlopteris schmidtii gen. et sp. nov, a probable pteridosperm precursor from the Devonian of New York. Am J Bot 44:366-7 Ap '57

See also

Pteridosperms

FERRARA-Florence, Council of, 1438-1439

Gill, Joseph. Council of Florence. Cambridge '59 p416-32

FERRATES

Bloembergen, N. Magnetic resonance in ferrites. Inst Radio Eng Proc 44:1268-9 O '56

Delyon, G. Les applications des ferrites en télécommunications et en électronique. Cables & Transmission 11:375 O '57

Duncan, R. S. and Stone, H. A. Survey of the application of ferrites to inductor design. Inst Radio Eng Proc 44:13 Ja '56

Owens, C. D. Survey of the properties and applications of ferrites below microwave frequencies. Inst Radio Eng Proc 44:1247-8 O '56

Van Uitert, L. G. Dielectric properties of and conductivity in ferrites. Inst Radio Eng Proc 44:1302-3 O '56

FERRITES. See Ferrates**FERROELECTRIC effect**

Blum, S. L. and others. Solve those problems in ferromagnetics and ferroelectricity. Cer Ind 67:90-2 J; 100-1 Ag; 116-18 S; 128-4 O; 114-15 N; 100+ D '56; 68:172+ Ja; 173-4 Ap '57

FERROMAGNETIC resonance. See Magnetic resonance**FERTILITY. See Fecundity****FERTILIZATION (biology)**

Austin, C. R. and Bishop, M. W. H. Fertilization in mammals. Cambridge Philos Soc Biol R 32:339-46 Ag '57

Bishop, D. W. and Tyler, A. Fertilizing of mammalian eggs. J Exp Zool 132:592-5 Ag '56

Costello, D. P. Cortical response of the ovum to activation after centrifuging. Physiol Zool 31:187-8 Jl '58

Gesellschaft für deutsch-sowjetische freundschaft. Über den befruchtungsprozess bei pflanzen und tieren; neue sowjetische arbeiten; folge 1. (Sowjetwissenschaft. Sup31) Verlag kultur & fortschritt '52 incl bibliog

Rothschild, L. Fertilization in fish and lampreys. Cambridge Philos Soc Biol R 33: 337-9 Ag '58

Tyler, A. and others. Fertilization of fertilized sea urchin eggs. Biol Bul 110:194-5 Ap '56

FERTILIZATION of plants

Baker, H. G. and Harris, B. J. Pollination of parkia by bats and its attendant evolutionary problems. Evolution 11:459-60 D '57

King, J. R. and Johnston, T. M. Factors affecting Irish potato pollen germination in an artificial environment. Am Potato J 35:699-700 O '58

Kugler, Hans. Einführung in die blütenökologie. Fischer '55 p248-65

Urata, Ukio. Pollination requirements of macadamia. (Technical bul. no22) Hawaii agricultural experiment station, Univ. of Hawaii '54 p39-40

See also

Insects as pollinizers

Pollen

FERTILIZERS and manures

Baum, Emanuel L. and others, eds. Economic and technical analysis of fertilizer innovations and resource use. Iowa state college press '57 incl bibliog

Baum, Emanuel L. and others, eds. Methodological procedures in the economic analysis of fertilizer use data. Iowa state college press '56 incl bibliog

Bridger, G. L. and Brabson, J. A. Fertilizers. Anal Chem 27:635-6; 29:646-7; 31:690-1 Ap '55, Ap '57, Ap '59

Collings, Gilbeart Hooper. Commercial fertilizers, their sources and use. 5th ed McGraw '55 p553-95

Commonwealth bureau of soil science. Bibliography of soil science, fertilizers and general agronomy, 1950-1953:1-1953-19561 (V77-8) Commonwealth agricultural bureaux '54-'57 2v

Commonwealth bureau of soil science. Soils and fertilizers. The bureau. See numbers

De Roo, Hendrick Christian. Fertilizing Connecticut tobacco; new methods for new needs. (Bul. 613) Conn. Agricultural experiment station '58 p35-7

Embleton, T. W. and others. Influence of applications of dolomite, potash, and phosphate on quality, grade, and composition of Valencia orange fruit. Am Soc Hort Sci Proc 67:199-201 '56

Hawkins, A. Response of potatoes to fertilizer nitrogen in the northeast. Am Potato J 33:233 Jl '56

Hitz, Chester W. Utilization of poultry manure in strawberry production. (Bul. no312) Agricultural experiment station, Univ. of Del. '55 p28-9

Lamer, Mirko. World fertilizer economy. (Stanford univ. Food research inst. Food, agriculture and World war II) Stanford univ. press '57 incl bibliog

Mehring, Arnon Lewis, and others. Statistics on fertilizers and liming materials in the United States. (U.S. Dept. of agriculture. Statistical bul. no 191) Soil & water conservation research branch, Agricultural research service '57 p 167-76

Nömmik, H. On decomposition of calcium cyanamide and dicyanamide in the soil. Acta Ag Scand 8 no4:439-40 '58

Pearson, R. W. Liming and fertilizer efficiency. Agron J 50:362 Jl '58

Pratt, P. F. and others. Changes in organic carbon and nitrogen in an irrigated soil during 28 years of differential fertilization. Soil Sci 21:218-19 Mr '57

Rennie, D. A. Variations in percentage phosphorus and protein content of wheat, as induced by fertilizer treatment, soil type, and season. Can J Ag Sci 36:503-4 N '56

Scharrer, Karl, and Bürke, Rudolf. Fortschritte der agrikulturchemie (pflanzenernährung). (Technische fortschrittsberichte, v56) Steinkopff '55 p237-318

Selke, Werner. Die düngung. 2d ed Deutscher bauernverlag '55 p326-38

Shubeck, Fred E. and Caldwell, A. C. Effects of fertilizers and stand on corn and of stand on soil moisture. (Technical bul. 214) Agricultural experiment station, Univ. of Minn. '55 p22-3

Teakle, L. J. H. and Boyle, Robert A. Fertilizers for the farm and garden. (Agriculture and livestock ser) Angus & Robertson '58 p363-72

Tisdale, Samuel, and Nelson, Werner L. Soil fertility and fertilizers. Macmillan '56 incl bibliog

Tyson, A. G. Studies on the fertility of Seddon soil (Kangaroo island, South Australia) Australian J Ag Res 6:421-2 My '55

United States. Superintendent of documents. Soils and fertilizers. (Price list 46, 52d ed) U.S. Gov. ptg. office '59 8p

Vlamis, J. and others. Nutrient response of ponderosa pine and brush seedlings on forest and brush soils of California. Hilgardia 28 no9:253-4 F '59

White, Donald Perry, and Leaf, Albert L. Forest fertilization; a bibliog. with abstracts, on the use of fertilizers and soil amendments in forestry. (World forestry ser, bul. no2; Technical pub. no81) Syracuse college of forestry, State univ. of N.Y. '56? 305p

See also

Atomic energy in agriculture

Compost

Gypsum

Humus

Legumes

Lime

Nitrates

Nitrification

Phosphates

Sewage sludge as fertilizer

FERTILIZERS and plant diseases

Grogan, R. G. and Zink, F. W. Fertilizer injury and its relationship to several previously described diseases of lettuce. Phytopathology 46:422 Ag '56

FESTIVALS

Spicer, Dorothy Gladys. Festivals of western Europe. Wilson '58 p257-67 annot

FESTSCHRIFTEN

Golden, Herbert Hershel, and Simches, Seymour Oliver. Modern Iberian language and literature; a bibliog. of homage studies. Cambridge '58 184p

Hansen, Ulf Kjør. Danske jubileums-skrifter; en bibliografi og et forsøg på en vurdering. (Copenhagen. Handelshøjskolen. Skriftrække F: Skrifter fra Inst. for salgsorganisation og reklame, 18) Berlingske boktr. '55 p55-197

International committee of historical sciences. Bibliographie internationale des travaux historiques publiés dans les volumes de mélanges, 1880-1939. International bibliography of historical articles in festschriften and miscellanies; établie sous la direction de Hans Nabholz, par Margarethe Rothbarth et U. Helfenstein. Colin '55 443p

Taube, Gurli Elisa (Westgren) friherrina. Svensk festskriftsbibliografi, åren 1891-1925. (Svenska bibliotekariesamfundet. Skriftserie, 2) Appelbergs boktr. '54 168p

FETISHISM

See also

Voodooism

FETUS

Conference on physiology of prematurity. Physiology of prematurity; transactions of the 1st-3rd Conference, 1956[1-1958] Macy '57-'59 3v incl bibliog

Fuchs, Fritz. Studies on the passage of phosphate between mother and foetus in the guinea pig. Munksgaard '57 p 116-25

Grimes, R. M., and others. Bovine fetal hemoglobin. J Dairy Sci 41:1532-3 N '58

Hess, A. Experimental embryology of the foetal nervous system. Cambridge Philos Soc Biol R 32:256-60 Ag '57

Hooker, Davenport. Evidence of prenatal function of the central nervous system in man. (James Arthur lecture on the evolution of the human brain, 1957) Am. museum for natural history '58 p37-41

Prechtl, H. F. R. Directed head turning response and allied movements of the human baby. Behaviour 13 no3:239-42 '58

Tsang, Y. C. Motor cell columns in the lumbosacral cord of sympodic fetuses. Scientia Sinica 4:411-12 S '55

Diseases

Allen, Fred Harold, and Diamond, Louis K. Erythroblastosis fetalis, including exchange transfusion technic. (New England journal of medicine. Medical progress ser) Little '58 p 121-4

Conference on environmental influences on prenatal development. Bar Harbor, Maine, 1956. Environmental influences on prenatal development, edited by Beatrice Mintz. (Developmental biology conference ser, 1956) Univ. of Chicago press '58 p82-7

FETUS. Death of

Anderson, G. W. Research in reproductive wastage. Am J Pub Health 47:1550-1 D '57

Baumgartner, Leona, and others. Challenge of fetal loss, prematurity, and infant mortality. Assn. for the aid of crippled children '56 p9, 14, 23-4

FEUCHTERSLEBEN, Ernst, freiherr von, 1806-1849

Eltz-Hoffmann, Lieselotte. Feuchtersleben. Österreichischer kulturverlag '56 p 157

FEUCHTWANGER, Lion, 1884-1958

Lion Feuchtwanger zum 70. geburtstag; worte seiner freunde. Aufbau-verlag '54 p 157-62

FEUDALISM

Boussard, Jacques. Le gouvernement d'Henri II Plantagenet. (Bibliothèque elzévirienne. nouv. sér: Etudes et docs) Lib. d'Argences '56 p xiii-lxviii

Coulborn, Rushton, ed. Feudalism in history; with contributions by Joseph R. Strayer [and others] foreword by A. L. Kroeber. Princeton univ. press '56 p397-419

Lyon, Bryce Dale. From fief to indenture; the transition from feudal to non-feudal contract in western Europe. (Harvard historical studies, no68) Harvard univ. press '57 p313-21

See also

Peasantry

FEUILLETONS

Haacke, Wilmont. Handbuch des feuilletons. Verlag Lechte '51-'53 3v v3, p3-107

FEVER

See also

Malaria

Typhus fever

FIBER board

Barker, Maurice Eugene. Problems relating to the fabrication of building boards. (Bul. no21) Engineering experiment station, Univ. of Ark. '54 p35-6

Carlyle, A. A. and others. Wood particle board handbook; E. S. Johnson, editor. Industrial experimental program, School of engineering, N.C. State college '56 incl bibliog

Food and agriculture organization of the United nations. Fibreboard and particle board; rep. of an Int. consultation on insulation board, hardboard and particle board, sponsored jointly by the Organization and the Economic comm. for Europe, Geneva, 21 Jan. to 4 Feb. 1957. The organization '58 incl bibliog

FIBERBOARD. See Fiber board**FIBERS**

Carroll-Porczynski, Charles Zbigniew. Inorganic fibers. Nat. trade press '58 incl bibliog

Seale, Charles Colin, and others. Agronomic studies of fiber plants; jute, sisal, henequen, furcraea, hemp and other misc. types. (Bul. 590) Agricultural experiment station, Univ. of Fla. '57 p24-7

See also

Agave

Coir

Cotton fibers

Jute

Textile fibers

FIBERWOOD. See Fiber board**FICHTE, Johann Gottlieb, 1762-1814**

Gesamtausgaben, einzelausgaben und auswahlausgaben der werke Fichtes, schriften zu J. G. Fichte. (In Fichte, Johann Gottlieb. Fichtes freiheitslehre; eine auswahl aus seinen schriften zusammengestellt, eingeleitet und erläutert von Theodor Ballauf unter mitarbeit von Ignaz Klein. (Texte zur problemgeschichte der philosophie und der philosophischen anthropologie) Schwann '56 p233-43)

FICION

Cotton, Gerald Brooks, and Glencross, Alan. Fiction index. Assn. of assistant librarians '53-'57 2v

Culpan, Norman. Modern adult fiction for school and college libraries; a list of bks. pub. since 1918, with a short list of critical works on the modern novel, chosen and annot. for the use of sixth form and other students. School lib. assn. '55 64p

Fiction. See numbers of Booklist annot

Fiction catalog; 1956-1958 sup. to the 1950 edition. Wilson '59 136p annot

Riegel, Catherine T. Fiction for high school students of superior ability. Bur. of secondary curriculum development, N.Y. state education dept. '58 11p

Selection of recent fiction. See numbers of Library review

See also

Detective and mystery stories

Fairy tales

Historical fiction

Psychological fiction

Science fiction

Short stories

Tales

See also subhead Fiction under the following subjects

Adolescence

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Harvard university

Homicide

Italy

Jews

Kentucky

New York. Public library

North Carolina

Physicians

Psychology

Social problems

South Africa—History

Southwest

United States—History

FICTION—*Continued*

History and criticism

- Friedman, Melvin J. *Stream of consciousness; a study in literary method.* Yale univ. press '55 p263-8
- Peyre, Henri. *Contemporary French novel.* (Mary Flexner lectures, 1944) Oxford '55 p347-52
- Rang, Bernhard. *Der roman; kleines leser-handbuch.* 2d enl ed Herder '54 p298-301
- FIELD, Guy Cromwell, 1887-1955
Allan, D. J. Guy Cromwell Field, 1887-1955. *Brit Acad Proc* 42:317-18 '57
- FIELD crops
Commonwealth bureau of pastures and field crops. *Field crop abstracts.* The bureau. See numbers
- Hall, Carl W. *Drying farm crops.* Agricultural consulting associates '57 incl bibliog
- Wilson, Harold Kirby, and Myers, Will Martin. *Field crop production; agronomic principles and practices.* Lippincott '54 incl bibliog
- See also
- Cover crops
- FIELD mice
Oregon. State college, Corvallis. Federal co-operative extension service. *Oregon meadow mouse irruption of 1957-1958; coll. of reps. from several agencies.* The college '59? incl bibliog
- FIELD of vision, Measurement of. See Perimetry
- FIELD service, American. See American field service
- FIELDING, Henry, 1707-1754
Butt, John Everett. *Fielding.* (Bibliog. ser. of sups. to British bk. news, no57) Longmans '54 p31-5
- FIELDS, Algebric
Jacobson, Nathan. *Structure of rings.* (Colloquium pubs, v37) Am. mathematical soc. '56 p251-9
- National research council. *Division of mathematics. Report of a conference on linear algebras, June 6-8, 1956, Shelter island, L.I. New York.* (Pub. 502) The division '57 incl bibliog
- FIESOLE, Giovanni da. See Angelico, Fra
- FIGHTING. See Military art and science; Naval art and science; War
- FIGS
Condit, I. J. *Fig varieties: a monograph.* Hilgardia 23:497-509 F '55
- Condit, I. J. and Enderud, J. *Bibliography of the fig.* Hilgardia 25:1-663 JI '56 annot
- FIGURAL after-effects. See After images
- FIIJI islands
Raven-Hart, R. *Village in the Yasawas (Fiji)* Polynesian Soc J 65:153-4 Je '56
- FILES and filing (documents)
See also
Indexing
- FILIBUSTERS
Wallace, Edward Seccomb. *Destiny and glory.* Coward-McCann '57 p303-12
- FILLERS (in paper, paint, etc)
Koschier, Friedrich. *Die verfahren und hilfsmittel der papierleimung bei schreib- und druckpapieren.* (Fachliteratur-ermittlungs- und berichtsdiens) Moser '57 p40-5
- FILMS, Photographic. See Moving picture films
- FILTERS and filtration
Baumann, Edward Robert, and Babbitt, Harold Eaton. *Removal of entamoeba histolytica cysts from water by porous filter septums either with or without filter aid.* (Bul. no431) Engineering experiment station, Univ. of Ill. '55 p39-40
- Bloodgood, D. E. *Trickling filters. Water & Sewage Works* 103:221 My '56
- Hudson, H. E. *Factors affecting filtration rates.* Am Water Works Assn J 48:1153-4 S '56
- Laubusch, E. J. *What you should know about the membrane filter.* Pub Works 89: 166+ Ap '58
- Miller, S. A. and Grace, H. P. *Filtration.* Ind & Eng Chem 47:550-1; 48:525-6; 49:491-2; 51:360 Mr '55, Mr '56, Mr '57, Mr '59
- See also
Sewage—Purification
- FINANCE
Abstracts of doctoral dissertations. See numbers of Journal of finance
- Dauten, Carl Anton, and Welshans, Merle Talmadge. *Principles of finance; functions, problems, institutions.* South-Western pub. '58 incl bibliog

- Institut zur förderung öffentlicher angelegenheiten. *Methoden neuzeitlicher etatgestaltung; bericht über eine arbeitstagung am 30. April-1. Mai 1954 in Weinheim a.d.B.* The institute '54 p 131-4
- Poole, Kenyon Edwards. *Public finance and economic welfare.* Rinehart '56 incl bibliog
- Sica, Salvatore. *Dizionario universale della finanza pubblica; contributo della Corte dei conti della Repubblica italiana al secondo Congresso internazionale degli organismi superiori di controllo in Bruxelles, 1956.* Istituto poligrafico dello stato '56 4v v4, p393-695
- Sweetser, Albert G. *Financing goods.* The author '57 p597-9
- See also
- Banks and banking
Budget
Capital
Controllershship
Corporations—Finance
County finance
Credit
Debts, Public
Foreign exchange
Grants-in-aid
Income
Income tax
Insurance
Interest and usury
Investments
Investments, Foreign
Loans
Money
Municipal finance
Prices
Profit
Railroads—Finance
School finance
Securities
Stock exchange
Tariff
Taxation
Wealth
- Australia
Ratchford, Benjamin Ulysses. *Public expenditures in Australia.* (Duke univ. Commonwealth studies center. Pubs, no 11) Duke univ. press '59 p304-10
- Europe, Western
See also
European payments union
- Illinois
Krenkel, John Henry. *Illinois internal improvements, 1818-1848.* Torch press '58 p228-36
- Switzerland
Rossi, Hans. *Die kantonalen anteile an bundeseinnahmen; ein beitrage zur geschichte des finanzausgleiches in der Schweiz.* Brunner & Bodmer '52 p7-11
- Schwarz, Urs. *Die schweizerische kriegsfinanzierung 1939-1945, und ihre ausstrahlungen in der nachkriegszeit.* Keller '53 p 143-8
- United States
Current financial reports and new literature on public finance. See numbers of Bond buyer
- Kohler, Eric Louis and Wright, Howard W. *Accounting in the federal government.* Prentice-Hall '56 p275-83 annot
- Lindholm, Richard Wadsworth. *Introduction to fiscal policy.* 2d ed Pitman '55 p232-6 annot
- Nadler, Marcus, and others. *Money market and its institutions.* Ronald '55 p303-10
- Shultz, William John. *American public finance; 7th ed [by the auth. and] C. Lowell Harriss.* Prentice-Hall '59 p609-16 annot
- Stokes, Milton Lonsdale, and Airt, Carl Tris-tan. *Money, banking and the financial system.* Ronald '55 p647-55
- Stuart, Richard Kenneth. *Financing public improvements by the state of Maine.* (Maine. Univ. Bul v59, no 12; Studies, 2d ser, no72) Univ. press '57 p 180-3
- United States. Superintendent of documents. *Finance.* (Price list 28, 44th ed) U.S. Gov. ptg. office '57 20p
- See also
State finance

FINANCE, International

Henning, Charles N. International finance. Harper '58 incl bibliog

See also

Money—International aspects

FINANCE, Personal

Bradley, Joseph Francis, and Wherry, Ralph H. Personal & family finance. (Rinehart bks. in business adm) Rinehart '57 incl bibliog

Donaldson, Elvin Frank. Personal finance. 2d ed Ronald '56 p567-70

Feldman, Frances Lomas. Family in a money world. Family service assn. of Am. '57 p 173-83

National committee for education in family finance. Annotated listing of free and inexpensive teaching aids on education in family finance; booklets, motion pictures, filmstrips prepared in the Summer graduate workshops on education in family education, Univ. of Denver, Denver, Colo, July 21-Aug. 19, 1955; comp. by Gertrude Haury. rev ed (Bul. no 14) The committee '56 17p

National committee for education in family finance. Developing economic competence in daily living; a handbk. for social studies teachers. rev ed (Bul. no 16) The committee '58 p53-6 annot

National committee for education in family finance. Selected list of materials on education in family finance at the junior college level; prepared at the Workshop on family financial security finance at the Univs. of Penn, Syracuse and Wis, 1954-1955. rev ed (Bul. no 13) The committee '56 40p

Raphael, M. and DeHart, F. Stretching your dollars. Bsns Lit 30:19-20 Je '58

FINANCIAL statements

Frachebourg, Fernand. Le bilan fiscal; traité théorique et pratique. Editions Radar '53 p349-56

FINCH, Ruy Herbert, 1890-1957

Macdonald, G. A. Memorial to Herbert Finch. Geol Soc Am Proc 1957:120-1 '58

FINE arts. See Art**FINGERS**

Mendlowitz, Milton. Digital circulation. Grune '54 p 147-70

Abnormalities and deformities

See also

Polydactylism

Diseases

See also

Seal finger (disease)

FINING of glass. See Glass manufacture**FINISHES and finishing**

Gordon, Philip Leon, and Dolgin, George Joseph. Surface coatings and finishes. Chemical pub. co. '54 incl bibliog

Scofield, F. Protective coatings. Ind & Eng Chem 49:1641-2; 50:1480-1 S '57, S '58

Soderberg, George A. Finishing materials and methods. 2d ed McKnight '59 incl bibliog

Stafford, R. W. and others. Coatings. Anal Chem 27:611; 29:629-30; 31:678 Ap '55, Ap '57, Ap '59

See also

Pearl essence

FINK, Mike, 1770-1823?

Blair, Walter, and Meine, Franklin Julius, eds. Half horse, half alligator; the growth of the Mike Fink legend. Univ. of Chicago press '56 p281-9

FINLAND**Climate**

Geografiska sällskapet i Finland, Helsingfors. Recent climatic fluctuation in Finland and its consequences; a symposium ed. by Ilmari Hustich. (Fennia, 75) The society '52 p 118-28

History

Lundin, Charles Leonard. Finland in the second World war. (Ind. Univ. Graduate school. Pubs. Slavic and East European ser, no6) Ind. univ. press '57 p259-66

Smith, Clarence Jay. Finland and the Russian revolution, 1917-1922. Univ. of Ga. press '58 p230-5

Vallinkoski, J. and Schauman, Henrik. Suomen historiallinen bibliografia. Finsk historisk bibliografi. Bibliographie historique finlandaise, 1926-1950. (Käsikirjoja, IV, 1-2) Suomen historiallinen seura '55-'56 2v

Politics and government

Mazour, Anatole Gregory. Finland between East and West. Van Nostrand '56 p283-90

FINNO-HUNGARIAN languages. See Finno-Ugrian languages

FINNO-UGRIAN languages

Angere, Johannes. Die uralo-jukagirische frage; ein beitrag zum problem der sprachlichen urverwandschaft. Almqvist '56 p232-40

Collinder, Björn. Fenno-Ugric vocabulary; an etymological dictionary of the Uralic languages. Almqvist '55 p205-12

Collinder, Björn, and others. Survey of the Uralic languages; in collaboration with other scholars. Almqvist '57 p xix-xxii

See also

Ural-Altaic languages

FINNO-UGRIAN philology

Finnisch uralische arbeiten in den jahren 1953-1955. Ural-Altaische Jahrb 27 no 1-2:134-57; no 3-4:257-79 '55

FINNO-UGRIANS

See also

Mordvinians

FINNS in Värmland

Eklund, Arne. Litteratur om Värmlandsfinnarna; bibliografisk förteckning. The author '53 p 145-241

FINS

Goss, R. J. and Stagg, M. W. Regeneration of fins and fin rays in fundulus heteroclitus. J Exp Zool 136:502-3 D '57

Jarvik, Erik. Dermal fin-rays and Holmgren's principle of delamination. (Svenska vetenskapsakademien. Handlingar. 4th ser, v6, no1) Almqvist '59 p49-51

Lindsey, C. C. Evolution of meristic relations in the dorsal and anal fins of teleost fishes. Roy Soc Can Trans 49 sec5:48-9 Je '55

FIR

See also

Douglas fir

FIRE

See also

Arson

Combustion

Fires

Flames

FIRE (in religion, folklore, etc)

Castelló Villena, Miguel. Bibliografía de las hogueras de San Juan de Alicante. Comisión provincial de monumentos '57 221p

FIRE damp

Organization for European economic cooperation. Drainage and use of methane from coal-fields (fire-damp) Mission no 163. European productivity agency '56 p 167-77

FIRE departments

Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p395-8; 1957, p387-90; 1958, p398-401; 1959, p401-4

FIRE extinction

Fire research abstracts and reviews. Com. on fire research. Nat. research council; Fire research conference. See numbers

Fire research correlation conference. [Proceedings of the] first Conference; sponsored by Com. on fire research and Fire research conference, Washington, D.C, Nov. 8 and 9, 1956. (Nat. research council. Pub. 475) Div. of engineering and industrial research '57 incl bibliog

Morris, John V. Fires and firefighters. Little '55 p385-7

FIRE insurance. See Insurance, Fire**FIRE prevention**

Fire research abstracts and reviews. Com. on fire research. Nat. research council; Fire research conference. See numbers

FIREARMS

Chapel, Charles Edward. Gun collector's handbook of values. 3d rev ed Coward-McCann '55 p377-81 annot

—Same. 4th rev ed Coward-McCann '58 p377-81 annot

Gun digest, 1960. (V 14) Gun digest co. '59 p300-6 annot

Lewis, Berkeley R. Small arms and ammunition in the United States service. (Smithsonian misc. colls, v 129) Smithsonian inst. '56 p319-27

FIREARMS—Continued

- McConnell, Duncan. Gran'pappy's pistol; or, To hell with gun collecting; a bk. for everybody, particularly armchair sportsmen, a satire on people and things, in part also an autobiography revealing a philosophical approach to something or other. Coward-McCann '56 p 145-52 annot
- Oberfell, George Grover, and Thompson, Charles Edward. Mysteries of shotgun patterns: pub. through the Div. of engineering research. Okla. state univ. press '57 p 147-50 annot
- Parsons, John E. Smith & Wesson revolvers; the pioneer single action models. Morrow '57 p 229-34
- Russell, Carl Parcher. Guns on the early frontiers; a history of firearms from colonial times through the years of the Western fur trade. Univ. of Calif. press '57 p 357-81
- Winant, Lewis. Firearms curiosa. Greenberg '55 p 277-8

See also

Rifles**FIRENZUOLA, Agnolo, 1493-1545?**

- Seroni, A. Bibliografia essenziale delle opere del Firenzuola. Amor Lib 5:3-9, 97-103 Ja-Apr '57

FIRES

- Morris, John V. Fires and firefighters. Little '55 p 385-7

See also

Forest fires

- FISCHER Tropsch process. See Synthine process

FISCHER VON ERLACH, Johann Bernhard, 1656-1723

- Buckowiecki, Walther. Der barockbau der ehemaligen Hofbibliothek in Wien, ein werk J. B. Fischers von Erlach: beiträge zur geschichte des prunksaales der österreichischen Nationalbibliothek. (Museion; veröffentlichungen der österreichischen Nationalbibliothek in Wien, n. f. 2. reihe: Allgemeine veröffentlichungen, v 1) Prachner '57 p 235-9

- Fuhrmann, F. Zum Johann Bernhard Fischer von Erlach-schrifttum im jubiläumsjahr 1956-1957. Öster Z Kunst & Denkmal 11 no 4:121-8 '57

- FISH, Preserved. See Fishery products—Preservation

FISH as food

- Current fisheries literature. See numbers of

FAO fisheries bulletin thru 1957

- World fisheries abstracts; a bimonthly review of technical literature on fisheries and related industries. Food & agriculture organization of the United nations. See numbers

- Yu, T. C. and Sinnhuber, R. O. 2-thiobarbituric acid method for the measurement of rancidity in fishery products. Food Tech 11:108 F '57

See also

Sea food**FISH culture**

- Food and agriculture organization of the United nations. Fisheries division. Fish farming and inland fishery management in rural economy; an introd. study of inland fisheries, prepared by W. H. Schuster [and others] (FAO fisheries study no 3) The organization '54 p 59-64

- Same; with title: Piscicultura agrícola y administración de la pesca continental en la economía rural; estudio preliminar de la pesca continental, preparado por W. H. Schuster [y] G. L. Kesteven. (FAO estudio de pesca no 3) The organization '55 p 61-5

- Weatherly, A. H. Tasmanian farm dams in relation to fish culture. (Technical paper, no 4) Div. of fisheries & oceanography, Commonwealth scientific & industrial research organization, Australia '58 p 23-4

FISH poisons

- Henderson, C. and others. Toxicity of synthetic detergents and soaps to fish. Sewage & Ind Wastes 31:305-6 Mr '59

- Quigley, C. Aboriginal fish poisons and the diffusion problem. Am Anthropol 58:522-5 Je '56

- Wallen, I. E. and others. Toxicity to gambusia affinis of certain pure chemicals in turbid waters. Sewage & Ind Wastes 29: 709-11 Je '57

FISH population

- Breder, Charles Marcus. Studies on social groupings in fishes. (Bul. v 117, article 6) Am. museum of natural history '59 p 475-81
- Cleary, R. E. and Greenbank, J. Analysis of techniques used in estimating fish populations in streams, with particular reference to large non-trout streams. J Wildlife Mgt 18:474-7 O '54

- Gerking, S. D. Restricted movement of fish population. Cambridge Philos Soc Biol R 34:237-40 My '59

- Iowa. State college of agriculture and mechanic arts, Ames. Dept. of zoology and entomology. Symposium on evaluation of fish populations in warm-water streams, held at Ithel College, March 25, 1957; ed by Kenneth D. Carlander. The department '57 p 110-18

- Parker, R. A. Some effects of thinning on a population of fishes. Ecology 39:315-17 Ap '58

FISH trade**Germany**

- Krohn, Klaus Hinrich, and Alewell, Arnold. Sea-fish, marketing in the Federal Republic of Germany. (FAO fisheries study, no 6) Food & agriculture organization of the United nations '57 p 137-43

- FISH venom. See Venom

- FISHER, Dorothea Frances (Canfield) 1879-1958
Yates, Elizabeth. Pebble in a pool; the widening circles of Dorothy Canfield Fisher's life. Dutton '58 p 279-84

- FISHER, Walter Kenrick, 1878-1953

- Davis, J. In memoriam Walter Kenrick Fisher. Auk 75:132-3 Ap '58

FISHERIES

- Bibliographia oceanographica, 1950, 1955. (V23, 28) Int. comm. for the scientific exploration of the Mediterranean sea '56-'58 2v

v24-27 not yet published

- Bishop, Yvonne, and others. Index and list of titles, publications of the Fisheries research board of Canada, 1901-1954. (Bul. no 110) Fisheries research board of Canada '57 209p

- Current fisheries literature. See numbers of

FAO fisheries bulletin thru 1957

- Food and agriculture organization of the United nations. Report on the First FAO-ETAP international fish marketing training centre, Hong Kong, 11th July-31st August 1954. (FAO rep. no 404) The organization '55 p 150-4

- Moore, Harvey L. Doctoral dissertations on the management and ecology of fisheries, additional listings, 1952-55. (Special scientific rep.—Fisheries, no 272) U.S. Fish & wildlife service '59 31p

- Morgan, Robert. World sea fisheries. Pitman '56 incl bibliog

- National academy of sciences, Washington, D.C. Committee on effects of atomic radiation on oceanography and fisheries. Effects of atomic radiation on oceanography and fisheries, report. (Pub. no 551) Nat. research council '57 incl bibliog

- United States. Department of the interior. Library. Fishery publication index, 1920-54; pubs. of the Bur. of fisheries and fishery pubs. of the Fish and wildlife service by ser, auths, and subjects. (U.S. Fish and wildlife service. Circ. 36) U.S. Gov. ptg. office '56 254p

- United States. Fish and wildlife service. Thirty-five year index of technological publications, 1918-1953; comp. by M. E. Stansby. The service '53 3v

- United States. Superintendent of documents. Fish and wildlife. (Price list 21, 45th ed) U.S. Gov. ptg. office '59 9p

- World fisheries abstracts; a bimonthly review of technical literature on fisheries and related industries. Food & agriculture organization of the United nations. See numbers

See also

Fish culture**Law**

See Fishery law and legislation

Periodicals

- Food and agriculture organization of the United nations. Fisheries division. World periodicals list for fisheries science, 1. draft. The organization '57 87p

- Guillemot, Astrid. Förteckning över provhäften rörande fisk, fiske och fiskerinäringen i Kungl. Lantbrukshögskolans bibliotek. K. Lantbrukshögskolan '57 17p

FISHERIES—Continued

Research

- Graham, Michael, ed. Sea fisheries: their investigation in the United Kingdom. Arnold '56 p451-66

Statistics

- Alarcão, Jorge d'. Elementos de estadística aplicada a la pesca. (Cursos de capacitación pesquera) Food & agriculture organization of the United nations '53 p 151-6

Canada

- Quebec (province). Biological bureau. Bibliographie des titres des documents sérieux ayant [sic] publié sur les poissons, la pêche et les pêcheries du Canada. Bibliographie of the titles of serial documents having [sic] published on the fishes, fishing, and fisheries of Canada; prelim. ed. by Jacques Sansfaçon and Vianney Legendre. The bureau '57 107p

France

Colonies

- Paris. Muséum national d'histoire naturelle. Laboratoire des pêches coloniales. Bibliographie: l'industrie des pêches, décembre 1954. The museum '54? 37p

Germany

- Kohl, Horst. Die Standortverteilung der hochseefischerei der deutschen nordseehäfen und ihre natürlichen bedingungen. Deutscher verlag der wissenschaften '54 p 172-80

Great Britain

- Graham, Michael, ed. Sea fisheries: their investigation in the United Kingdom. Arnold '56 p451-66

Japan

- Norbeck, Edward, and Sakurada, Katsunori. Romanized bibliography of publications in Japanese on Japanese fishing communities. Univ. of Utah press '54 23p

Russia

- Niko'skii, G. V. Spezielle fischkunde [übers. F. J. Hentschel]. Deutscher verlag der wissenschaften '57 p531-77

United States

- Neal, Harry Edward. Nature's guardians: your career in conservation. Messner '56 p 175-9

FISHERY law and legislation

- Hess, Ernest. Normes commerciales des produits des pêches; digeste de lois et règlements en vigueur; tr: Alain de Kerangal. (Etude de la FAO sur la pêche, no2) Food & agriculture organization of the United nations '53 p 158-64

FISHERY products

Preservation

- Abbey, A. and others. Effect of aureomycin chlortetracycline in the processing and storage of freshly shucked oysters. Food Tech 11:270-1 My '57

- Cutting, Charles L. Fish saving; a history of fish processing from ancient to modern times. Philosophical lib. '56 incl bibliog

- McPhail, Marjorie E. Selected bibliography of salt cod. (Circ. new ser, no5) Technological station. Fisheries research board of Canada '57 30p

FISHES

- Chavin, W. Pituitary-adrenal control of melanization in xanthic goldfish, carassius auratus L. J Exp Zool 133:33-6 O '56

- Chesapeake biological laboratory, Solomons island, Maryland. Partial bibliography of fish eggs, larvae, and juveniles, with particular reference to migratory and estuarine species of the Atlantic coast and supplemented by a check list and references to the early development of the fishes and fish-like chordates of Maryland waters; comp. by Romeo Mansueti. The laboratory '54 55p

- Clancey, J. F. Contribution to the life history of the fish, bregmaceros atlanticus Goode and Bean, from the Florida current. Bul Marine Sci Gulf & Carib 6:259-60 S '56

- Krumholz, Louis Augustus. Observations on the fish population of a lake contaminated by radioactive wastes. (Bul. v 110, article 4) Am. museum of natural history '56 p365-7

- La Monte, Francesca Raimonde. Review and revision of the marlins, genus makaira. (Bul. v 107, article 3) Am. museum of natural history '55 p353-8

- Le Danois, Edouard, and others. Fishes of the world. Barnes '57 p 182-3

- Legaspi, V. A. Contribution to the life history of the nomeid fish psenes cyanophrys Cuvier and Valensiennes. Bul Marine Sci Gulf & Carib 6:198-9 S '56

- McKenney, T. W. Contribution to the life history of the squirrel fish holocentrus vexillarius Poey. Bul Marine Sci Gulf & Carib 9:218-21 Je '59

- Moore, Harvey L. Doctoral dissertations on the management and ecology of fisheries, additional listings, 1952-55. (Special scientific rep.—Fisheries, no272) U.S. Fish & wildlife service '59 31p

- Niko'skii, G. V. Spezielle fischkunde [übers. F. J. Hentschel]. Deutscher verlag der wissenschaften '57 p531-77

- North American wildlife conference. Transactions of the 21st-24th conference, 1956 [-1959] Am. wildlife inst. '56-'59 4v incl bibliog

- On the biology of the Atlantic marlins, makaira ampla (Poey) and makaira albidia (Poey) by F. E. LaMonte [and others] (Bul. v 114, article 5) Am. museum of natural history '58 incl bibliog

- Randall, J. E. Revision of the surgeon fish genus acanthurus. Pac Sci 10:227-35 Ap '56

- Strasburg, D. W. Notes on the blennioid fishes of Hawaii with descriptions of two new species. Pac Sci 10:264-7 Jl '56

- United States. Fish and wildlife service. Thirty-five year index of technological publications, 1918-1953, compiled by M. E. Stansby. The service '53 3v

- United States. Superintendent of documents. Fish and wildlife. (Price list 21, 45th ed) '59 9p

- World fisheries abstracts; a bimonthly review of technical literature on fisheries and related industries. Food & agriculture organization of the United nations. See numbers

See also

- Aquariums
Fish as food
Fish culture
Fish population
Fisheries
Poisonous fishes
Tropical fishes

Anatomy

- British museum (natural history) Department of zoology. Feeding mechanisms of a deep sea fish, chauliodus sloani Schneider, by the late V. V. Tchernavin. The museum '53 p78-86

- Illick, H. J. Comparative study of the cephalic lateral-line system of North American cyprinidae. Am Midl Natur 56:221-3 Jl '56

- Stanford university. Natural history museum. Contribution to a bibliography on the osteology of fishes; comp. by the staff and students participating in the E. C. Starks memorial lectures on the osteology of fishes, 1955. (Circ. no 1) The museum '56 87p

See also

- Eye (fishes)
Fins

Classification

- Neave, F. Origin and speciation of oncorhynchus. Roy Soc Can Trans 52:38-9 Je '58

Diseases and pests

- Lackey, James Bridges, and Hynes, Jacqueline A. Florida Gulf Coast red tide. (Engineering progress at the Univ. of Fla., v9, no2; Bul. ser, no70) Fla. engineering & industrial experiment station, Univ. of Fla. '55 p23

- Parisot, T. J. Tuberculosis of fish. Bact R 22:244-5 D '58

- Schäperclaus, Wilhelm. Fischkrankheiten. 3d ed Akademie-verlag '54 p644-73

See also

- Parasites—Fishes
Tematoda

FISHES—Continued

Ecology

- Koster, W. J. Outline for an ecological life history study of a fish. *Ecology* 36:151-3 Ja '55
- Larimore, Richard Weldon. Ecological life history of the warmouth (centrarchidae) (Bul. v27, article 1) III. Natural history survey '57 p80-3
- Neave, F. Origin and speciation of oncorhynchus. *Roy Soc Can Trans* 62:38-9 Je '58
- Nicholls, A. G. Population of a trout stream and the survival of released fish. *Australian J Marine & Freshwater Res* 9:345-6 S '58
- Randall, J. E. Review of the labrid fish genus labroides, with descriptions of two new species and notes on ecology. *Pac Sci* 12:346-7 O '58
- Ricker, W. E. Uses of marking animals in ecological studies: the marking of fish. *Ecology* 37:670 O '56
- Webster, Dwight A. Smallmouth bass, *micropterus dolomieu*, in Cayuga lake; pt 1, Life history and environment. (Memoir 327) Agricultural experiment station, Cornell univ. '54 p36-8
- Wohlschlag, D. E. Differences in metabolic rates of migratory and resident freshwater forms of an arctic whitefish. *Ecology* 38:509-10 Jl '57
- See also
Fish population

Embryology

See Embryology—Fishes

Food and feeding habits

- Kuthalingam, M. D. K. Studies on post larvae and feeding habits of some fishes found in the Madras plankton. *Madras Univ J* secB 28:10-11 Ap '58
- Thomson, J. M. Organs of feeding and the food of some Australian mullet. *Australian J Marine & Freshwater Res* 5:484-5 S '54
- Wood, E. M. and others. Nutrition of salmonoid fishes. *J Nutrition* 61:477-8, 487-8; 62:241-3, 253-4; 63:104-5 Ap, Je, S '57

Genetic research

- Yamamoto, T. Artificial induction of functional sex-reversal in genotypic females of the medaka (*oryzias latipes*) *J Exp Zool* 137:257-60 Mr '58

Geographical distribution

- Gibbs, R. H. Cyprinid fishes of the subgenus *cyprinella* of *notropis*. *Lloydia* 20: 206-11 S '57

Habits and behavior

- Baerends, G. P. and others. Ethnological studies on *leibes reticulatus* (Peters). *Behavior* 8 no4:330-2 '55
- Barlow, G. W. Daily movements of desert pupfish, *cyprinodon macularius*, in shore pools of the Salton sea, California. *Ecology* 39:586-7 O '58
- Breder, Charles Marcus. Studies on social groupings in fishes. (Bul. v 117, article 6) Am. museum of natural history '59 p475-81
- Keenleyside, M. H. A. Some aspects of the schooling behaviour of fish. *Behaviour* 8 no2:244-7 '55
- Williams, George Christopher. Homing behavior of California rocky shore fishes. (Calif. Univ. Pubs. in zoology, v59, no7) Univ. of Calif. press '57 p283-4

Migration

- Hasler, A. D. Perception of pathways by fishes in migration. *Q R Biol* 31:208-9 S '56
- Thomson, J. M. Movements and migrations of mullet (*mugil cephalus* L.) *Australian J Marine & Freshwater Res* 6:346-7 O '55

Periodicals

- Guillemot, Astrid. Förteckning över provhäften röranda fisk, fiske och fiskerinäringen i Kungl. Lantbrukshögskolans bibliotek. K. Lantbrukshögskolan '57 17p

Physiology

- Bailey, R. E. Effect of estradiol on serum calcium, phosphorus, and protein of goldfish. *J Exp Zool* 136:468-9 D '57
- Brown, Margaret Elizabeth, ed. Physiology of fishes. Academic press '57 2v incl bibliog
- Burden, C. E. Failure of hypophysectomized fundulus heteroclitus to survive in fresh water. *Biol Bul* 110:25-8 F '56

Fish, Marie Poland. Character and significance of sound production among fishes of the western North Atlantic. (Bul. v 14, article 3) Bingham oceanographic laboratory, Yale univ. '54 p 107-9

Gerking, S. D. Influence of rate of feeding on body composition and protein metabolism of bluegill sunfish. *Physiol Zool* 28: 281-2 O '55

Hildemann, W. H. Effects of sex hormones on the secondary sex characters of *leibes reticulatus*. *J Exp Zool* 126:11-13 Je '54

Ling, J. K. Sea garfish, *reporhamphus melanochir* (Cuvier & Valenciennes) (hemiramphidae) in South Australia: breeding, age determination, and growth rate. *Australian J Marine & Freshwater Res* 9:104-5 Mr '58

Musacchia, X. J. and Clark, M. R. Effects of elevated temperatures on tissue chemistry of the arctic sculpin *myoxocephalus quadricornis*. *Physiol Zool* 30:17 Ja '57

Pickford, Grace Evelyn, and Atz, James W. Physiology of the pituitary gland of fishes. N.Y. zoological soc. '57 p489-574

Rasquin, Priscilla. Studies in the control of pigment cells and light reactions in recent teleost fishes. (Bul. v 115, article 1) Am. museum of natural history '58 p66-8

Sathyanesan, A. G. Studies on the morphology and seasonal histological changes in the pituitary gland of the fresh water teleost *cirrhhina reba* (Hamilton) *Ind J Vet Sci & Animal Husbandry* 28:19-20 Mr '58

See also
Metabolism (fishes)

Reproduction

Harrington, R. W. Sexual photoperiodicity of the cyprinid fish, *notropis bifrenatus* (Cope), in relation to the phases of its annual reproductive cycle. *J Exp Zool* 135: 551-3 Ag '57

Tavolga, W. N. Effects of gonadectomy and hypophysectomy on prespawning behavior in males of the gobiid fish, *bathygobius soporator*. *Physiol Zool* 28:231-3 Jl '55

Arabian sea

Fowler, Henry Weed. Fishes of the Red sea and southern Arabia; v 1. Branchiostomida to polynemida. Weizmann science press of Israel '56 incl bibliog

Atlantic coast

Chesapeake biological laboratory, Solomons island, Maryland. Partial bibliography of fish eggs, larvae, and juveniles, with particular reference to migratory and estuarine species of the Atlantic coast and supplemented by a check list and references to the early development of the fishes and fish-like chordates of Maryland waters; comp. by Romeo Mansueti. The laboratory '54 55p

Atlantic ocean

Dollfus, Robert P. E. Première contribution à l'établissement d'un fichier ichthyologique du Maroc atlantique, de Tanger à l'embouchure de l'Oued Dra. (Travaux. Sér. Zoologie, no6) Inst. scientifique chérifien '55 p 179-216

Australia

Blackburn, M. and Gartner, P. E. Populations of barracouta, *thyrsites atun* (Euphrasen) in Australian waters. *Australian J Marine & Freshwater Res* 5:467-8 S '54

Olsen, A. M. Biology, migration, and growth rate of the school shark, *galeorhinus australis* (Macleay) (carcharhanidae) in south-eastern Australian waters. *Australian J Marine & Freshwater Res* 5:404-5 S '54

California

Scheuermann, William F. Annotated bibliography of research in economically important species of California fish and game, compiled pursuant to House resolution no 124, 1957. (Assembly interim comm. reps, 1957-1959, v5, no5) Assembly of the state of Calif. '58 271p

Canada

Quebec (province). Biological bureau. Bibliographie des titres des documents sériés ayant [sic] publié sur les poissons, la pêche et les pêcheries du Canada. Bibliography of the titles of serial documents having [sic] published on the fishes, fishing, and fisheries of Canada; prelim. ed. by Jacques Sansfaçon and Vianney Legendre. The bureau '57 107p

FISHES—Continued

Ceylon

- Munro, Ian S. R. Marine and fresh water fishes of Ceylon; with a foreword by R. G. Casey. Dept. of external affairs '55 p291-5

Ireland

- Went, Arthur Edward James. List of Irish fishes. Nat. museum of Ireland '57 p23-7

Italy

- Tortonese, Enrico. Leptocardia, ciclostomata, selachii. (Fauna d'Italia, v2) Calderini '56 p297-322

Maine

- Bigelow, Henry Bryant, and Schroeder, William Charles. Fishes of the Gulf of Maine. 1st rev (U.S. Fish and wildlife service. Fishery bul. 74: Woods Hole, Mass. Oceanographic inst. Contribution no592) U.S. Gov. ptg. office '53 p545-60

Maryland

- Chesapeake biological laboratory. Solomons island, Maryland. Partial bibliography of fish eggs, larvae, and juveniles, with particular reference to migratory and estuarine species of the Atlantic coast and supplemented by a check list and references to the fish-like chordates of Maryland waters; comp. by Romeo Marsueti. The laboratory '54 55p

Mexico

- Berdegue Aznar, Julio. Peces de importancia comercial en la costa nor-occidental de México. Comisión para el fomento de la piscicultura rural '56 p325-31

North America

- Backus, Richard Haven. Fishes of Labrador. (Bul. v 113, article 4) Am. museum of natural history '57 p334-7
- Robins, C. Richard, and Deubler, Earl E. Life history and systematic status of the burbot, *Lota lota lacustris* (Walbaum) in the Susquehanna River system. (N.Y. State museum, Albany. Circ. 39) Univ. of the state of N.Y. '55 p26-44

Pacific coast

- Berdegue Aznar, Julio. Peces de importancia comercial en la costa nor-occidental de México. Comisión para el fomento de la piscicultura rural '56 p325-31

- Randall, J. E. Analysis of the genera of surgeon fishes (family acanthuridae) Pac Sci 9:366-7 J1 '55

Red sea

- Fowler, Henry Weed. Fishes of the Red sea and southern Arabia; v 1. Branchiostomida to polynemida. Weizmann science press of Israel '56 incl bibliog

South Africa

- Smith, James Leonard Brierley. Sea fishes of southern Africa; with a message from the governor-general of Mocambique and a foreword by B. F. J. Schonland. rev ed Central news agency '53 p492-500

United States

- Gibbs, R. H. Cyprinid fishes of the subgenus *cyprinella* of notropis. Lloydia 20:206-11 S '57

- Schelske, C. L. Ecological study of the fishes of the Fall and Verdigris rivers in Wilson and Montgomery counties, Kansas, March 1954 to February 1955. Emporia St Res Stud 5:54-6 Mr '57

- Trautman, Milton Bernhard. Fishes of Ohio. Ohio div. of wildlife: Ohio state univ. development fund; Ohio state univ. press '57 p619-38

Venezuela

- Weibezahn, F. H. Lista de los peces de las costas de Venezuela. Bol Mus Ciencias Natur 1:250-2 J1 '55

FISHES, Effect of light on

- Harrington, R. W. Sexual photoperiodicity of the cyprinid fish, *notropis bifrenatus* (Cope), in relation to the phases of its annual reproductive cycle. J Exp Zool 135: 551-3 Ag '57

FISHES, Effect of temperature on

- Barlow, G. W. Daily movements of desert pupfish, *cyprinodon macularius*, in shore pools of the Salton sea, California. Ecology 39:586-7 O '58

- Brett, J. R. Some principles in the thermal requirements of fishes. Q R Biol 31:85-7 Je '56

- Fisher, K. C. and Sullivan, C. M. Effect of temperature on the spontaneous activity of speckled trout before and after various lesions of the brain. Can J Zool 36:62-3 F '58

FISHES, Fossil

- David, L. R. Tertiary anacanthin fishes from California and the Pacific Northwest; their paleoecological significance. J Paleont 30: 607 My '56

- Fahlbusch, K. *Pteraspis dunesis* Roemer. Palaeontographica 108 secA no 1-4:52-3 '57

- Gross, W. Mundzähne und hautzähne der acanthodier und arthrodiren. Palaeontographica 109 secA no 1-2:37-8 '57

- Pierce, R. L. Upper miocene foraminifera and fish from the Los Angeles area, California. J Paleont 30:1313-14 N '56

- Siegfried, P. Die fisch-fauna des westfälischen Ober-senons. Palaeontographica 106 secA no 1-2:32-3 '54

- Smith, I. C. New restorations of the heads of *pharyngolepis oblongus* Kiaer and *pharyngolepis kiaeri*, sp. nov. Norsk Geol Tids 37 no3-4:401-2 '57

- Stensiö, Erik Andersson. On the pectoral fin and shoulder girdle of the arthrodires. (Svenska vetenskapsakademien. Handlingar. 4th ser. v8, no 1) Almqvist '59 p226-9

FISHING

- Fisherman's handbook. 2d[-3d] edition. Fisherman press '55-'56 2v 2d, p486-95; 3d, p482-90+

- Harris, John R. Angler's entomology; eds: James Fisher [and others] Countryman '56 p258-60

- La Monte, Francesca Raimonde. Review and revision of the marlins, genus *makaira*. (Bul. v 107, article 3) Am. museum of natural history '55 p353-8

- Ransome, Arthur. Fishing. (Reader's guides, 2d ser. 2) Nat. bk. league '55 31p annot

- Schwiebert, Ernest George. Matching the hatch; a practical guide to imitation of insects found on eastern and western trout waters. Macmillan '55 p212-14

Implements and appliances

- Meyer-Waarden, Paul Friedrich. Electrical fishing. (FAO fisheries study no7) Food & agriculture organization of the United nations '57 p74-8

- Same; with title: La pêche à l'électricité. (Etude de la FAO sur la pêche, no7) Food & agriculture organization of the United nations '57 p77-81

- Same; with title: La pesca con electricidad. (FAO estudio de pesca, no7) Food & agriculture organization of the United nations '57 p76-80

Law

See Fishery law and legislation

- FISHING regulations. See Fishery law and legislation

FISKE, John, 1842-1901

- Pannill, H. Burness. Religious faith of John Fiske. (Duke studies in religion, 1) Duke univ. press '57 p244-58

FISSION, Nuclear. See Nuclear fission

FITZGERALD, Edward, 1809-1883

- Arberry, Arthur John. Romance of the Rubáiyát; Edward Fitzgerald's first ed. reprinted with introd. and notes. Macmillan '59 p240-2

FIVE civilized tribes

See also

Seminole Indians

FIXATION (learning)

- Maier, N. R. F. Frustration theory: restatement and extension. Psychol R 63:387-8 N '56

FLAGELLA

- Koffler, H. Protoplasmic differences between mesophiles and thermophiles. Bact R 21: 237-40 D '57

FLAGELLATA

- Haiba, Mahmoud Hanafi. Studies on the morphology and biology of giardia. Fouad I univ. press '53 p 119-25
- Pitelka, Dorothy (Riggs) and Schooley, Caroline (Naus). Comparative morphology of some protistan flagella. (Calif. Univ. Pubs. in zoology, v61, no2) Univ. of Calif. press '55 p 100-2

See also

Coccolithophoridae
Dinoflagellata
Trichomonas
Trypanosoma

FLAME photometry

- Burriel Marti, Fernando, and Ramirez-Muñoz, J. Flame photometry; a manual of methods and applications [tr. from the original Spanish ms. by W. C. Darwell] Elsevier '57 p429-80
- Teloh, Henry A. Clinical flame photometry. Thomas '59 p95-100

FLAMES

- Filippi, F. La stabilizzazione della fiamma negli esoreattori. Aerotecnica 38:36-8 F '58
- Günther, R. Flame studies: methods and results; tr. by T. H. Elmer. Glass Ind 39:500+S '58
- Marble, F. E. Flame theory and combustion technology. J Aero Sci 23:468 My '56
- Massey, B. S. and Lindley, B. C. Flame quenching. Roy Aero Soc J 62:40-2 Ja '58

FLAMINGOS

- Allen, Robert Porter. Flamingos: their life history and survival, with special reference to the American or West Indian flamingo (*phoenicopterus ruber*) (Research rep, no5) Nat. Audubon soc. '56 p239-60

FLANDERS

- Wachter, Leo de. Repertorium van de Vlaamse gouwen. en gemeenten; heemkundige dokumentatie, 1940-1950. De Sikkel '53-'57 2v

Economic conditions

- Lenders, P. De politieke crisis in Vlaanderen omstreeks het midden der achttiende eeuw; bijdrage tot de geschiedenis der aufklaerung in België. (Vlaamsche acad. voor wetenschappen, letteren en schoone kunsten van België, Brussels. Klasse der letteren. Verhandelungen, no25) Paleis der academiën '56 p x-xxvi

- Philips, A. J. R. Bibliografie betreffende de sociale en economische toestand in het Vlaamse landsgedeelte. (Bibliographie belgica, 34) Belgische comm. voor bibliog. '58 96p

Politics and government

- Lenders, P. De politieke crisis in Vlaanderen omstreeks het midden der achttiende eeuw; bijdrage tot de geschiedenis der aufklaerung in België. (Vlaamsche acad. voor wetenschappen, letteren en schoone kunsten van België, Brussels. Klasse der letteren. Verhandelungen, no25) Paleis der academiën '56 p x-xxvi

Social conditions

- Philips, A. J. R. Bibliografie betreffende de sociale en economische toestand in het Vlaamse landsgedeelte. (Bibliographie belgica, 34) Belgische comm. voor bibliog. '58 96p

FLATWORMS

See also

Mesozoa
Turbellaria

FLAUBERT, Gustave, 1821-1880

- Thorby, Anthony. Gustave Flaubert and the art of realism. (Yale univ. Studies in modern European literature and thought) Yale univ. press '57 p63

FLAVONOIDS

- Shils, Maurice Edward, and Goodhart, Robert Stanley. Flavonoids in biology and medicine; a critical review. (Nutrition monograph ser, no2) Nat. vitamin foundation '56 p80-101

- Troyer, J. R. Distribution of rutin and other flavonoid substances in buckwheat seedlings. Plant Physiol 30:173 Mr '55

FLAVOR

- Hinreiner, E. and Simone, M. Effects of soil insecticides on flavor of vegetable crops. Hilgardia 26:33-5 Ag '56

- United States. Department of agriculture. Flavors of milk; a review of literature, by D. R. Strobel [and others] The department '53 p71-91

- United States. Quartermaster food and container institute for the Armed forces, Chicago. Chemistry of natural food flavors; a symposium sponsored by the Nat. acad. of sciences, Nat. research council for the Institute and Pioneer research div, Quartermaster research & engineering center; ed. by Jack H. Mitchell [and others] Com. on foods. Advisory board on quartermaster research & development '57 incl bibliog
- Wagenknecht, A. C. and Lee, F. A. Enzyme action and off-flavor in frozen peas. Food Res 23:30-1, 589-90 Ja, N '58

FLEAS

- Burbutis, Paul P. Siphonaptera of New Jersey. (Bul. 782) N.J. agricultural experiment station, Rutgers univ. '56 p34-6
- Mendez, Eustorgio. Revision of the genus megarthroglossus Jordan and Rothschild, 1915. (Calif. Univ. Pubs. in entomology, v 11, no3) Univ. of Calif. press '56 p 177-8

FLEMING, Sir Alexander, 1881-1955

- Colebrook, L. Alexander Fleming, 1881-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 124-7)
- Ludovici, Laurence James. Fleming, discoverer of penicillin. Ind. univ. press '55 p215-20
- Maurois, André. Life of Sir Alexander Fleming, discoverer of penicillin; tr. from the French by Gerard Hopkins and with an introd. by Robert Cruickshank. Dutton '59 p281-6

FLEMISH literature**History and criticism**

- Leeuwen, Willem Lion Marinus Ernest van, and others, eds. Dichterschap en werkelijkheid; geïllustreerde literatuurgeschiedenis van Noord- en Zuid-Nederland en Zuid-Afrika. 3d enl ed W. de Haan '51 p445-71

FLESH flies

- Kamal, A. S. Comparative study of thirteen species of sarcosaprophagous calliphoridae and sarcophagidae (diptera) Entom Soc Am Ann 51:270-1; 52; 172-3 My '58, Mr '59

FLETCHER, Inglis (Clark) 1888-

- Fletcher, Inglis (Clark). Pay, pack, and follow; the story of my life. Holt '59 p305-8

FLICKER phenomenon

- Roehrig, W. C. Influence of area on the critical flicker-fusion threshold. J Psychol 47: 329-30 Ap '59

FLIES

- Brookes, V. J. and Fraenkel, G. Nutrition of the larva of the housefly, *Musca domestica* L. Physiol Zool 31:223 Jl '58
- Dunbar, R. W. Salivary gland chromosomes of two sibling species of black flies included in *eusimulium aureum* Fries. Can J Zool 36:43-4 F '58
- Hewlett, P. S. Interpretation of dosage-mortality data for DDT-resistant houseflies. Ann Ap Biol 46:45-6 Mr '58
- Judd, W. W. Results of a survey of calyptate flies of medical importance conducted at London, Ontario during 1953. Am Midl Natur 56:404-5 O '56
- Sampson, W. W. Insecticides used to control house fly larvae. J Econ Entom 49:77 F '56

See also

Blowflies
Flesh flies
Fruit flies
Gall flies
Horn flies
Horse flies
Moth flies
Sawflies
Tsetse flies
Warble flies

FLIGHT

- Gibbs-Smith, Charles H. History of flying. (Readers guides, 2d ser, 9) Nat. bk. league '57 32p annot

See also

Aeronautics
Insects—Flight

FLINT, Austin, 1812-1886

- Evans, A. S. Austin Flint and his contributions to medicine. Bul Hist Med 32:240-1 My '58

FLOOD control

- Ash, Simon Harry. Mine flood prevention and control: anthracite region of Pennsylvania; final rep. of the anthracite flood-prevention project engineers. (U.S. Bur. of mines. Bul. 562) U.S. Gov. pting. office '57 p93-100

FLOOD control—Continued

- Bauer, Ludwig. Entstehung und verhütung von hochwasser am beispiel des flussgebietes von Unstrut und Gera; unter besonderer berücksichtigung der hochwassererscheinungen und des einflusses von kahlschlagflächen auf die wasserführung. (Schriftenreihe v97) Verlag Technik '53 p 127-32
- Bibliography on irrigation, drainage, river training and flood control, 1954-1957. Int. comm. on irrigation and drainage '58-'59 2v
- Bigger, Richard. Flood control in metropolitan Los Angeles. (Calif. Univ. Pubs. in political science, v6) Univ. of Calif. press '59 p 183-90
- Hoyt, William Glenn, and Langbein, Walter Basil. Floods. Princeton univ. press '55 p 433-43
- Moore, Jerrold A. Planning for flood damage prevention. (Special rep. no35) Engineering experiment station, Ga. inst. of technology '5-? p56-61
- Murphy, Francis C. Regulating flood-plain development. (Research paper, no56) Dept. of geography, Univ. of Chicago '58 p 190-204
- Ridgeway, Marian Elizabeth. Missouri basin's Pick-Sloan plan; a case study on congressional policy determination. (Ill. studies in the social sciences, v35) Univ. of Ill. press '55 p345-59
- Siler, Robert Wilson. Flood problems and their solution through urban planning programs. (Pub. no262) Tenn. State planning comm. '55 p47-8
- United States. Library of Congress. Legislative reference service. Study of the central and southern Florida flood control project. The service '54 p51-6

FLOODS

- American insurance association. Studies of floods and flood damage, 1952-1955. The association '56 p 119-23, 294-6
- Hoyt, William Glenn, and Langbein, Walter Basil. Floods. Princeton univ. press '55 p 433-43

FLORA. See Botany; also Alpine flora; Desert flora; Fresh water flora; Marine flora

FLORAL decoration. See Flowers. Arrangement of

FLORES, Antonio, 1821-1865

- Benítez Claros, Rafael. Antonio Flores; una visión costumbrista del siglo XIX. Univ. de Santiago de Compostela '55 p 139-52

FLORESCENCE. See Plants. Flowering of

FLORICULTURE

See also
Greenhouses

FLORIDA

- Copeland, Leella S. and Dovell, Junius Elmore. La Florida, its land and people. Steck '57 incl bibliog

Description and travel

- Smith, Mary Ellen. Florida, a way of life. by Mike Smith [pseud] Dutton '59 p257-61 annot

Fiction

- McRory, Mary O. Florida in fiction, a bibliography. Fla. state lib. '53 67p

Government publications

- Florida. University. Library. Serials department. Short-title checklist of official Florida publications received by the Library. The library. See numbers

Politics and government

- Larsen, William F. Bibliography of Florida government. (Bibliog. ser, no3; Studies in public adm, no 14) Dept. of reference & bibliog, Univ. of Fla. '55 70p

FLOTATION

- American cyanamid company. Mineral dressing division. Heavy-media separation processes for mineral concentration. (Mineral dressing notes, no 19) The division '53 incl bibliog
- Booth, R. B. and others. Flotation. Ind & Eng Chem 47:557-8; 48:530-1; 49:495-6; 50:444-6 Mr '55, Mr '56, Mr '57, Mr '58
- Gaudin, Antoine Marc. Flotation. 2d ed (Metallurgy and metallurgical engineering ser) McGraw '57 incl bibliog
- Plaksin, I. Interaction of minerals with gases and reagents in flotation. Min Eng 11:324 Mr '59
- Rey, M. Flotation of oxidized ores of lead, copper and zinc. Inst Min & Met Trans 63:547-8 '53-'54

Wark, Ian William. Principles of flotation; 2d ed. by K. L. Sutherland (and the authl Australasian hist. of mining & metallurgy '55 p429-46

FLOTATION process (non-metals)

- Chase, E. S. Flotation treatment of sewage and industrial wastes. Sewage & Ind Wastes 30:790-1 Je '58

FLOUR

- Alcarez-Bayan, A. and Leverton, R. M. Composition of dills fish flour. Philippine J Sci 86:257-8 S '57
- Westerman, B. D. and others. Improving the nutritive value of flour. J Nutrition 61:148; 62:161-2 Ja, Je '57
- See also
Bread

FLOUR, Enriched

- Harris, R. S. and Burress, D. A. Effect of level of protein feeding upon nutritional value of lysine-fortified bread flour. J Nutrition 67:566-7 Ap '59

FLOUR mills

- Weiss, Harry Bischoff, and Sim, Robert J. Early grist and flouring mills of New Jersey. N.J. agricultural soc. '56 p 129-32

FLOW. See Rheology**FLOW meters**

- Folsom, R. G. Review of the Pitot tube. Am Soc Mech Eng Trans 78:1458-60 O '56
- London. Science museum. Science library. Some references to electromagnetic flow meters. (Bibliog. ser, no763) The library '58 2p
- Redding, T. H. Minor losses in metering nozzles. Engineer 204:79 Jl 19 '57

FLOWERING of plants. See Plants. Flowering of

FLOWERS

- Alpine garden society. Library. Catalogue; a descriptive list of bks, pamphlets and other docs. available to members of the Society; comp. and ed. by G. Lazenby. 3d ed The society '55 24p
- Coats, Alice M. Flowers and their histories. Pitman '56 p333-7
- Hollingsworth, Buckner. Flower chronicles. Rutgers univ. press '58 p289-302
- Lawrence, Elizabeth L. Little bulbs; a tale of two gardens. Criterion bks. '57 p241-2
- See also
Compositae
Pollen

Morphology

- Kugler, Hans. Einführung in die blütenökologie. Fischer '55 p248-65
- Leppik, E. E. Form and function of numeral patterns in flowers. Am J Bot 43:455 Jl '56
- Nelson, Erich. Gesetzmässigkeiten der gestaltwandlung im blütenbereich: ihre bedeutung für das problem der evolution. Chernex-Montreux '54 p281-8

Pictorial works

- Sitwell, Sacheverell, and Blunt, Wilfrid. Great flower books, 1700-1900; a bibliog. record of two centuries of finely-illustrated flower bks; ed. by Patrick M. Synge. Collins '56 94p

FLOWERS, Arrangement of

- Kasperski, Victoria R. How to make cut flowers last. Barrows '56 p 187-8
- McClinton, Katharine Morrison. Flower arrangement in the church. Morehouse '58 p 120-2

FLUE dust

- National research council. Highway research board. Lime and lime-flyash soil stabilization [papers] presented at the 37th annual meeting Jan. 6-10, 1958. (Bul. 193) The board '58 incl bibliog

FLUE gas

- Jarvis, W. D. Selection and use of additives in oil-fired boilers. Inst Fuel J 31:490 N '58

FLUID dynamics

- Birkhoff, Garrett, and Zarantonello, E. H. Jets, wakes, and cavities. (Applied mathematics and mechanics, v2) Academic press '57 p332-5
- Emmons, Howard Wilson, ed. Fundamentals of gas dynamics. (High speed aerodynamics and jet propulsion, v3) Princeton univ. press '58 incl bibliog
- Irmay, S. On the theoretical derivation of Darcy and Forchheimer formulas. Am Geophys Union Trans 39:106-7 Ag '58
- Jacobs, James M. Heat transfer and fluid flow; a bibliog. of sel. rep. literature. (TID-3305 Sup. 1) Technical information service, U.S. Atomic energy comm. '58 423p annot

FLUID dynamics—Continued

- Knudsen, James George, and Katz, Donald La Verne. Fluid dynamics and heat transfer. (Engineering research bul. no37) Engineering research inst, Univ. of Mich. '54 p232-7
- Oppenheim, A. K. and others. Fluid dynamics. Ind & Eng Chem 47:645-7; 48:651-4; 49:607-10; 50:539-42; 51:449-52 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

FLUID mechanics

- Binder, Raymond Charles. Advanced fluid mechanics. Prentice Hall '58 2v incl bibliog
- Binder, Raymond Charles. Fluid mechanics. 3d ed Prentice-Hall '55 incl bibliog
- Ellerts, C. Kenneth, and others. Phase relations of gas-condensate fluids: v 1. Test results, apparatus, and techniques. (U.S. Bur. of mines, Monograph 10) Am. gas assn. '57 incl bibliog
- Finn, R. Some theorems in discontinuous plane fluid motions. J Analyse Math 4 no2: 289-91 '56
- Heat transfer and fluid mechanics institute. Preprints of papers, 1957-1959 (V 10-12) Stanford univ. press '57-'59 3v incl bibliog
- Midwestern conference on fluid mechanics. 4th, Purdue university, 1955. Proceedings. (Purdue univ. Engineering bul; Engineering experiment station. Research ser, no 128) The university '55? incl bibliog
- Midwestern conference on fluid mechanics. 5th, University of Michigan, 1957. Proceedings. Univ. of Mich. press '57 incl bibliog
- National fluid power association. Bibliography of fluid power. The association '57 1v
- Rouse, Hunter, ed. Advanced mechanics of fluids by D. W. Appel [and others] Wiley '59 incl bibliog

*See also***Hydromechanics****FLUID meters.** *See* Flow meters**FLUID therapy**

- Hardy, James D. Fluid therapy. Lea & Febiger '54 incl bibliog

FLUIDITY

- Rheology abstracts. *See* numbers of British society of rheology. Bulletin

FLUIDIZATION

- Othmer, Donald Frederick, ed. Fluidization. Reinhold '56 incl bibliog

FLUIDS

- Baker, O. Multiphase flow in pipelines. Oil & Gas J 56:165+ N 10 '59
- Johnson, E. F. Molecular transport properties of fluids. Ind & Eng Chem 47:603-4; 48:585; 49:616-17; 50:491; 51:401 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Ostrach, S. Convection phenomena in fluids heated from below. Am Soc Mech Eng Trans 79:304-5 F '57
- Weintraub, M. Flow of fluids. Ind & Eng Chem 47:563-5; 48:538-9; 49:501-2; 50:451-2; 51:367-9 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

See also

Fluid mechanics
Hydrodynamics
Hydromechanics
Hydrostatics
Liquids
Osmosis
Solvents

Therapeutic use*See* Fluid therapy**FLUIDS and humors, Animal.** *See* Body fluids**FLUKES.** *See* Trematoda**FLUORESCENCE**

- Brooks, J. Fluorescence of liquid egg. Food Tech 8:405, 409 S '54
- Danckwort, Peter Walter, and Eisenbrand, Josef. Lumineszenz-analyse im filtrierten ultra-violetten licht; ein hilfsbuch beim arbeiten mit den analysenlampen. 6th enl ed Geest & Portig '56 p204-98
- French, C. S. and others. Fluorescence-spectrum curves of chlorophylls, pheophytins, phycoerythrins, phycocyanins and hypericin. Plant Physiol 31:373-4 S '56
- Moody, M. S. and others. Staining bacterial smears with fluorescent antibody. J Bact 72:361, 367; 74:523-4; 75:560 S '56, O '57, Mr '58

FLUORESCENT lamps. *See* Electric lamps, Fluorescent**FLUORIDES***See also***Water purification—Fluoride removal****FLUORINE**

- Gall, J. F. Recent advances in fluorine chemistry and technology. ARS J 29:101-3 F '59
- See also*

Water—Fluoridation**Physiological effect**

- Bredemann, Gustav. Biochemie und physiologie des fluors und der industriellen fluorauchschäden. 2d rev & enl ed Akademie-verlag '56 p 121-45
- Klauder, J. V. and others. Industrial uses of compounds of fluorine and oxalic acid. AMA Archives Ind Health 12:418-19 O '55

Toxicology

- Hobbs, Charles Seright, and others. Fluorosis in cattle and sheep. (Bul. no 235) Agricultural experiment station, Univ. of Tenn. '54 p 155-60
- Voegtlin, Carl, and Hodge, Harold C. eds. Pharmacology and toxicology of uranium compounds; with a sec. on the pharmacology and toxicology of fluorine and hydrogen fluoride. (Nat. nuclear energy ser. Manhattan project technical sec. Div. VI, Univ. of Rochester project v 1) McGraw '49-'53 4v incl bibliog

FLUORINE compounds

- Klauder, J. V. and others. Industrial uses of compounds of fluorine and oxalic acid. AMA Archives Ind Health 12:418-9 O '55
- Lovelace, Alan M. and others. Aliphatic fluorine compounds. (Am. chemical soc. Monograph ser, no 138) Reinhold '58 incl bibliog
- Saunders, Bernard Charles. Some aspects of the chemistry and toxic action of organic compounds containing phosphorus and fluorine; with a foreword by Sir Alexander Todd. Cambridge '57 p216-18

FLUORINE in the body

- Gardner, D. E. and others. Investigations on the metabolism of fluoride. J Nutrition 61: 216-17 F '57
- Suttie, J. W. and others. Studies of the effects of dietary NaF on dairy cows. J Nutrition 63:223-4; 65:304 O '57, Je '58; J Dairy Sci 40:1490-1; 42:1069 N '57, Je '59

FLUORINE organic compounds

- Schrader, Gerhard. Die entwicklung neuer insektizide auf grundlage organischer fluor- und phosphorverbindungen. 2d enl ed (Monographien zu Angewandte chemie und Chemie-ingenieur-technik, no62) Verlag Chemie '52 p87-96

*See also***Fluorocarbons****FLUOROCARBONS**

- Rudner, Merritt Allen. Fluorocarbons. (Reinhold plastics applications ser) Reinhold '58 p232-6

FLUOROMETRIC analysis

- White, C. E. Fluorometric analysis. Anal Chem 28:624-5; 30:733-4 Ap '56, Ap '58

FLUORSAPAR

- Einecke, Gustav. Die flusspatlagerstätten der welt, ihr vorkommen und ihre verwertung. Verlag Stahl Eisen '56 incl bibliog
- Peters, W. C. Geologic characteristics of fluorspar deposits in the western United States. Econ Geol 53:687-8 S '58
- Williams, James Steele, and others. Fluorspar deposits in western Kentucky. (U.S. Geological survey. Bul. 1012) U.S. Gov. ptg. office '54-'55 incl bibliog

FLY ash. *See* Flue dust**FLY disease.** *See* Trypanosomiasis**FLYCATCHERS (birds)**

- King, J. R. Notes on the life history of Traill's flycatcher (empidonax traillii) in southeastern Washington. Auk 72:172-3 Ap '55
- Stein, Robert Carrington. Behavioral, ecological and morphological characteristics of two populations of the alder flycatcher, empidonax traillii (Audubon) (N.Y. State museum. Bul. no371) Univ. of the state of N.Y. '58 p61-3

FLYING. *See* Flight**FLYING disks.** *See* Flying saucers**FLYING machines***See also*

Airplanes
Helicopters
Rockets (aeronautics)

FLYING saucers

- Allingham, Cedric. Flying saucer from Mars. British bk. centre '55 p 153

FLYING saucers—*Continued*

Barker, Gray. They knew too much about flying saucers. Univ. bks. '56 p249-52 annot Cramp, Leonard G. Space, gravity, and the flying saucer; introd. by Desmond Leslie. British bk. centre '55 p 181-2

FOA, Raffaele Vita, 1872-1955

Foa, Raffaele Vita. L'arte e la vita in Giuseppe Mazzini; studi letterari e filosofici; con. pref. di Terenzio Grandi. Associazione mazziniana italiana '56 p xxiii-xxv

FOAM

London. Science museum. Science library. Some references to foam prevention, 1953-1955. (Bibliog. ser, no741) The library '56 3p

FOG

Fog forecasting. Meteorol Mag 87:58 F '58
Hori, Takeo, ed. Studies on fogs in relation to fog-preventing forest. Tanne trading co. '53 incl bibliog

Patton, Clyde Perry. Climatology of summer fogs in the San Francisco Bay area. (Calif. Univ. Pubs. in geography, v 10, no3) Univ. of Calif. press '56 p 199-200

FOLDS (geology)

Whitten, E. H. T. Study of two directions of folding: the structural geology of the Monadhliath and mid-Strathspey. J Geol 67:43-7 Ja '59

FOLK art, Lithuanian

Gimbutas, Marija (Alseikaitė). Ancient symbolism of Lithuanian folk art. (Memoirs. v49) Am. folklore soc. '58 p 139-48

FOLK dances. See Dancing—Folk and national dances

FOLK literature

Noy, Dov. Study of folk-literature; a sel. bibliog. of recent years. Haifa school of humanities '55 36p

See also

Tales

FOLK literature, Czech

Jarosch, G. Bibliographie der tschechischen und der slowakischen volkskundlichen literatur 1945 bis 1956. Z Slawistik 2 no3: 437-57; no4:561-86 '57

FOLK literature, Jewish

Noy, Dov. Study of folk-literature; a sel. bibliog. of recent years. Haifa school of humanities '55 36p

FOLK literature, Slovak

Jarosch, G. Bibliographie der tschechischen und der slowakischen volkskundlichen literatur 1945 bis 1956. Z Slawistik 2 no3:347-57; no4:561-86 '57

FOLK music

Gerson-Kiwi, E. Béla Bartók—scholar in folk music. Mus & Lett 38:154 Ap '57

See also

Dancing—Folk and national dances

FOLK songs

See also

Ballads

FOLK songs, American

Silverman, Jerry. Folk blues; 110 Am. folk blues, comp. ed. and arr. for voice, piano and guitar; with a chart of basic guitar chord fingering patterns and a full bibliog. and discography. Macmillan '58 p291-2
Westerman, Kenneth N. Emergent voice. 2d ed The author '55 p 154-9

Wilgus, Donald Knight. Anglo-American folk-song scholarship since 1898. Rutgers univ. press '59 p409-27

FOLK songs, English

Wilgus, Donald Knight. Anglo-American folk-song scholarship since 1898. Rutgers univ. press '59 p409-27

FOLK songs, French

Choleau, Jean, ed. Costumes et chants populaires de Haute-Bretagne, accompagnés de nombreuses illustrations et notes. U. Arvor '53 p253-5

FOLK tales. See Tales

FOLKLORE

Browne, Ray B. Popular beliefs and practices from Alabama. (Calif. Univ. Pubs. Folklore studies, 9) Univ. of Calif. press '58 p267-71
Cabral, Oswaldo R. Cultura e folclore, bases científicas do folclore; pref. de Roger Bastide. Comissão catarinense de folclore '54 p279-82
Campbell, Marie. Tales from the cloud walking country. Ind. univ. press '58 p267-70
Diehl, Katharine Smith. Religions, mythologies, folklore; an annot. bibliography. Scarecrow '56 315p

Folklore bibliography for 1954-1958. So Folklore Q 19:1-75; 20:1-88; 21:1-77; 22:1-68; 23:1-77 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

Folklore in periodical literature. See numbers of Journal of American folklore thru 1953
Internationale volkskundliche bibliographie. Internationale folklore bibliographie. Bibliographie internationale des arts et traditions populaires, 1948-1949 [-1950-1951] Comm. int. des arts et traditions populaires '54-'55 2v

Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; klassische, altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklore. Habelt. See numbers

Röhrich, Lutz. Bibliographie volkskundlicher dissertationen an deutschen universitäten. 1945-1950. Württemberg. Landesstelle für volkskunde '51 18p

Swahn, Jan Öjvind. Tale of Cupid and Psyche. (Aarne-Thompson 425 & 428) Gleerup '55 p445-93

Wildhaber, Robert. Volkskundliche bibliographie für die jahre 1937 und 1938. (Deutsche akad. der wissenschaften. Berlin. Inst. für deutsche volkskunde. Veröffentlichungen. v8) Akademie-verlag '57 543p

See also

Animal lore

Demonology

Divining rod

Eye (in religion, folklore, etc)

Fables

Fairy tales

Fire (in religion, folklore, etc)

Folk music

Legends

Leopard men

Mythology

Plant lore

Riddles

Sagas

Superstition

Tales

Africa

Nicolas, F. J. Enigmes des L'éla de la Haute-Volta (A.O.F.) Anthropos 49 no5:1033-40 '54

Albania

Stockmann, E. Volkskundliche bibliographie Albaniens von 1945-1956. Deutsch Jahrb Volkskunde 4 no 1:203-9 '58

America

Coluccio, Félix. Diccionario del folklore americano (contribución) v 1. A-D. Libreria. El Ateneo '54 p 15-153

Brazil

Carneiro, Edison. O folclore nacional, 1943-1953. (Sér. bibliog. de estudos brasileiros, 2) Souza '54 73p

Chile

Pereira Salas, Eugenio. Guía bibliográfica para el estudio del folclore chileno. Inst. de investigaciones musicales, Univ. de Chile '52 112p

Czechoslovakia

Kunz, Ludvík. Česká ethnografie a folkloristika v letech 1945-1952. České bibliografie národopisné. Nakl. Československé akad. věd '54 381p

India

Thompson, Stith, and Balys, Jonas. Oral tales of India. (Ind. Univ. Pubs. Folklore ser, no 10) Ind. univ. press '58 p ix-xvii

Louisiana

Saucier, Corinne L. Traditions de la paroisse des Avoyelles en Louisiane. (Memoirs, v47) Am. Folklore soc. '56 p 158-62

Luxemburg

Hess, Joseph. Volkskundliche bibliographie Luxemburgs von 1945-1955. Deutsch Jahrb Volkskunde 4 no 1:210-16 '58

Ozark mountains

Randolph, Vance, comp. Devil's pretty daughter, and other Ozark folk tales; with notes by Herbert Halpert. Columbia univ. press '55 p231-9

Poland

Jackowski, A. Das volkskundliche schrifttum Polens seit 1945. Deutsch Jahrb Volkskunde 3:227-57 '57

FOLKLORE—Continued

Polynesia

- Hye-Kerkdal, K. Tika, an old mystery game in the Pacific. *Polynesian Soc J* 64: 223-6 Je '55

Spain

- Bibliografía. 1953[-1958] R Dialect & Tradic Popul 9 no4:727-58; 10 no4:662-700; 11 no4: 557-99; 12 no4:560-600; 13 no4:551-80; 14 no4: 531-58 '53-'58

Turkey

- Eberhard, Wolfram. Minstrel tales from southeastern Turkey. (Folklore studies, 5) Univ. of Calif. press '55 p87-8

United States

- Beck, Horace Palmer. Folklore of Maine. Lippincott '57 p273-6
 Randolph, Vance, ed. Sticks in the knapsack and other Ozark folk tales; with notes by Ernest W. Baughman. Columbia univ. press '58 p 167-71
FOLKLORE, American
 Flanagan, John Theodore, and Hudson. Arthur Palmer, eds. American folklore reader; folklore in Am. literature. Barnes '58 p501-6
FOLKLORE, Bohemian. See Folklore. Czech
FOLKLORE, Cheremissian
 Seboek, Thomas Albert, and Ingemann, Frances J. Studies in Cheremis: the supernatural. (Studies in Cheremis, v2; Viking fund pubs. in anthropology, no22) Wenner-Gren foundation for anthropological research '56 p347-57
FOLKLORE, Czech
 Kunz, L. Eine übersicht bedeutenderer arbeiten auf dem gebiet der tschechischen und slowakischen volkskunde von 1945-1955. Deutsch Jahrb Volkskunde 2:359-78 '56
FOLKLORE, Danish
 Bibliografie over dansk folkekultur, 1955. (V 1) udg. af Foreningen Danmarks folkeskinder ved L. Bødker [et al] Munksgaard '57 32p
FOLKLORE, Indian
 Schoolcraft, Henry Rowe. Indian legends from Algonic researches. The myth of Hiawatha, Oneota, The red race in America, and historical and statistical information respecting the Indian tribes of the United States; ed. by Mentor L. Williams. Mich. state univ. press '56 p320-2
FOLKLORE, Negro
 Dorson, Richard Mercer. Negro folktales in Michigan. Harvard univ. press '56 p201-33 annot
FOLKLORE, Slovak
 Kunz, L. Eine übersicht bedeutenderer arbeiten auf dem gebiet der tschechischen und slowakischen volkskunde von 1945-1955. Deutsch Jahrb Volkskunde 2:359-78 '56
FOLKLORE, Swiss
 Wildhaber, R. Bibliographie der wichtigsten volkskundlichen arbeiten der Schweiz aus den jahren 1945 bis mitte 1955. Deutsch Jahrb Volkskunde 2:336-58 '56
FOLKLORE, Walloon
 La philologie wallonne en 1954[-1957] Dial Belg-Rom 12:175-253; 13:161-242; 14:155-280; 15:179-295 JI '55, JI '56, JI '57, JI '58
FOLKLORE of animals. See Animal lore
FOLKTALES. See Tales
FOLLICLES
 Hardy, M. H. and Lyne, A. G. Studies on the development of wool follicles in tissue culture. *Australian J Biol Sci* 9:573-4 N '56
FONTAINE, Maurice, 1904-
 Fontaine, Maurice. Notice sur les travaux scientifiques de Maurice Fontaine. Paillart '56 p23-38
FONTENELLE, Bernard Le Bovier de, 1657-1757
 Paris. Bibliothèque nationale. Fontenelle, 1657-1757; exposition organisée pour le troisième centenaire de sa naissance et le deuxième centenaire de sa mort. The library '57 42p

FOOD

- Advances in technology. See numbers of Food engineering
 Baker, Edward Alan, and Foskett, Douglas John. Bibliography of food: a sel. int. bibliog. of nutrition, food and beverage technology and distribution, 1936-56. Academic press '58 331p

- Blanck, Frederick Conrad, ed. Handbook of food and agriculture. Reinhold '55 incl bibliog

Current abstracts of scientific and technical literature. General foods corp. See numbers Current literature. See numbers of American dietetic association. Journal

Food and agriculture organization of the United Nations. Nutrition division. Food composition tables, minerals and vitamins for international use; a rep. prepared by Charlotte Chatfield. (FAO nutritional studies, no 11) The organization '54 p57-117

—Same; with title: Tables de composition des aliments (minéraux et vitamines) pour l'usage international; rapport préparé par Charlotte Chatfield. (Etudes de nutrition de la FAO, no 11) The organization '54 p59-118

Great Britain. Department of scientific and industrial research. Food science abstracts. The department. See numbers thru 1957

Justin, Margaret M. and others. Foods; an introd. college course. 4th ed (Riverside home economics) Houghton '56 incl bibliog United States. Bureau of human nutrition and home economics. Partial list of recent publications related to food management in institutions. The bureau '53 10p

United States. Superintendent of documents. Home economics. (Price list 11, 50th ed) U.S. Gov. ptg. office '59 16p

See also

Algae as food
 Animals—Food and feeding habits
 Bread
 Cereals as food
 Coloring matter in food
 Cookery
 Diet
 Fish as food
 Fruit
 Indians of North America—Food
 Meat
 Milk—Food value
 Minerals (food)
 Nutrition
 Sea food

Analysis

See Food—Chemistry

Bacteriology

- Allen, C. H. and Fabian, F. W. Comparison of *Escherichia coli* and *Streptococcus faecalis* as a test organism to determine the sanitary quality of food. *J Milk & Food Tech* 17:206+ JI '54
 American public health association. Committee on evaluation and standards. Coordinating committee on laboratory methods. Subcommittee on methods for the microbiological examination of foods. Recommended methods for the microbiological examination of foods. The association '58 incl bibliog
 Frazier, William Carroll. Food microbiology. McGraw '58 incl bibliog

Vaughn, R. H. and others. Sources and types of aerobic microorganisms associated with the softening of fermenting cucumbers. *Food Res* 19:501-2 S '54

See also

Eggs—Bacteriology
 Food, Frozen—Bacteriology
 Food poisoning

Chemistry

- Abstracts. See numbers of Journal of the science of food and agriculture
 Bibliographie. See numbers of Annales des falsifications et des fraudes
 Commonwealth bureau of animal nutrition. Nutrition abstracts and reviews. The bureau. See numbers
 Leung, Woot-tsun (Wu) and others. Composition of foods used in Far Eastern countries. (U.S. Dept. of agriculture. Agriculture handbk. no34) U.S. Gov. ptg. office '52 p44-62
 Loesbecke, H. W. von. Food. *Anal Chem* 29: 653-6 Ap '57
 Matchett, J. R. and Von Loesbecke, H. W. Food. *Anal Chem* 27:629-32 Ap '55
 Merrill, Annabel Laura, and Watt, Bernice Kuerth. Energy value of foods; basis and derivation. (U.S. Dept. of agriculture. Agriculture handbk. no74) U.S. Gov. ptg. office '55 p51-7
 Morgareidge, K. Food. *Anal Chem* 31:695-6 Ap '59

FOOD—Chemistry—Continued

Navila, J. M. and others. Nutrient composition of Cuban foods. *Food Res* 20:111-13 Mr '55

Orr, Martha Louise, and Watt, Bernice Kuerth. Amino acid content of foods. (U.S. Dept. of agriculture. Home economics research rep. no 4) U.S. Gov. ptg. office '57 p81-2

Revue des publications scientifiques. See numbers of Annales des falsifications et des fraudes

Taylor, Clara Mae. Food values in shares and weights; in common servings with suggestions for personal food needs. 2d ed Macmillan '59 p 115-16

Underwood, J. C. and others. Triose compounds in maple sirup. *Food Res* 21:596-7 S '56

United States. Quartermaster food and container institute for the Armed forces, Chicago. Chemistry of natural food flavors; a symposium sponsored by the Nat. acad. of sciences, Nat. research council for the Institute and Pioneer research div, Quartermaster research & engineering center; ed. by Jack H. Mitchell [and others] Com. on foods, Advisory board on quartermaster research & development '57 incl bibliog

See also

Coloring matter in food

Composition

Pecot, Rebecca Koonce, and Watt, Bernice K. Food yields, summarized by different stages of preparation. (U.S. Dept. of agriculture. Agriculture handbk. no 102) U.S. Dept. of agriculture '56 p59-93

Discoloration

See also

Browning

Drying

Hendel, C. E. and Burr, H. K. In-package desiccation. *Mod Packaging* 28:124+ Ja '55

Marketing

Clowes, Harry Goodwin, and others. Wholesale food market facilities; types of ownership and methods of financing. (U.S. Dept. of agriculture. Marketing research rep. no 160) U.S. Gov. ptg. office '57 p67-70

French, B. C. and others. Economic efficiency in plant operations with special reference to the marketing of California pears. *Hilgardia* 24:710-13 Jl '56

Moisture content

Rockland, L. B. New treatment of hygroscopic equilibria; application to walnuts (*Juglans regia*) and other foods. *Food Res* 22:627-8 N '57

Preservation

Ball, Charles Olin, and Olson, Franklyn Carl Wester. Sterilization in food technology; theory, practice, and calculations. (McGraw-Hill ser. in food technology) McGraw '57 incl bibliog

Campbell, L. L. and O'Brien, R. T. Antibiotics in food preservation. *Food Tech* 9: 464-5 S '55

Eaks, I. L. and Morris, L. L. Deterioration of cucumbers at chilling and non-chilling temperatures. *Am Soc Hort Sci Proc* 69: 398-9 Je '57

Food-radiation roundup. *Food Eng* 27:154 Ag '55

Frazier, William Carroll. Food microbiology. McGraw '58 incl bibliog

Partmann, Walter. Effect of low temperature, sodium nitrite, sodium chloride, and formaldehyde on the apyrase system of the muscular tissue. *Food Res* 22:61-2 Ja '57

Yu, T. C. and Sinnhuber, R. O. 2-thiobarbituric acid method for the measurement of rancidity in fishery products. *Food Tech* 11:103 F '57

See also

Canning and preserving

Fishery products—Preservation

Food—Drying

Food, Frozen

Food spoilage

Radiation sterilization

Storage

Harding, R. S. and others. Effect of storage on the vitamin B₆ content of a packaged army ration, with a note on the human requirement for the vitamin. *J Nutrition* 68: 330-1 Je '59

Scientific council for Africa south of the Sahara. Stored food products. Les produits alimentaires emmagasinés [docs. presented at the meeting of specialists on stored food products, Salisbury 1957. (Pub. no 31) The council '57 incl bibliog

See also

Farm produce—Storage

Testing

Bailey, M. E. and others. Objective tests applicable to quality studies of ice stored shrimp. *Food Res* 21:619-20 N '56

FOOD, Dried

Gooding, E. G. B. and Rolfe, E. J. Some recent work of dehydration in the United Kingdom. *Food Tech* 11:305-6 Je '57

Hunt, S. M. V. and Matheson, N. A. Effects of dehydration on actomyosin in fish and beef muscle. *Food Tech* 12:415-16 Ag '58

Von Loesecke, Harry Willard. Drying and dehydration of foods. 2d ed Reinhold '55 incl bibliog

See also

Eggs, Dried

Food—Drying

Potatoes, Dried

Vegetables, Dried

FOOD, Frozen

Meyer, B. Home freezing of prepared and precooked foods. *J Home Econ* 47:606 O '55

Tressler, Donald Kiteley, ed. La réfrigération et la congélation des aliments. (Etudes agricoles de la FAO, no 12) Food & agriculture organization of the United nations '56 incl bibliog

—Same; with title: Aspectos de la refrigeración y congelación de alimentos. (FAO estudios agropecuarios, no 12) Food & agriculture organization of the United nations '56 incl bibliog

United States. Quartermaster food and container institute for the Armed forces, Chicago. Precooked frozen foods; a symposium sponsored by the Inst. for the Armed forces, Quartermaster research and development command, U.S. Army quartermaster corps [at the] Palmer house, Chicago, Ill, May 20, 1954; ed. by Marion Bollman and Martin S. Peterson. (Surveys of progress on military subsistence problems; ser 1, Food stability, 7) Advisory board on quartermaster research & development, Com. on foods, Nat. acad. of sciences—Nat. research council '55 incl bibliog

See also

Fruit juices, Frozen

Meat, Frozen

Bacteriology

Esselen, W. B. and Levine, A. S. Bacteriological investigations on frozen stuffed poultry. *J Milk & Food Tech* 17:249-50 Ag '54

Purko, M. and others. Bacteriological flora in frozen and chilled orange juice. *Food Res* 21:587-8 S '56

Saleh, M. A. and Ordal, Z. J. Studies on growth and toxin production of clostridium botulinum in a precooked frozen food. *Food Res* 20:338-9, 350 Jl '55

Vaughn, R. H. and Murdock, D. I. Sanitary significance of microorganisms in frozen citrus products. *Am J Pub Health* 46:893-4 Jl '56

Vaughn, R. H. and others. Microorganisms of significance in frozen citrus products. *Food Tech* 11:94-5 F '57

Zaborowski, H. and others. Evaluation of microbiological methods used for the examination of precooked frozen foods. *Ap Microbiol* 6:104 Mr '58

FOOD adulteration and inspection

Bibliographie. See numbers of Annales des falsifications et des fraudes

Lerche, Martin, and others. Lehrbuch der tierärztlichen lebensmittelüberwachung. 3d ed and rev ed Fischer '57 incl bibliog

National research council. Food protection committee. Relation of surface activity to the safety of surfactants in foods; a rep [prepared by the Toxicology subcommittee] (Pub. 463) The council '56 p7-10

Prudhomme, Maurice. Inspection sanitaire des poissons, mollusques et crustacés comestibles de l'eau douce et de la mer; vade-mecum de l'inspecteur des marchés. Vigot frères '57 p215-23

- FOOD adulteration and inspection**—*Continued*
Revue des publications scientifiques. See numbers of Annales des falsifications et des fraudes
- FOOD and agriculture organization of the United Nations**
Weidenmann, Hans Ulrich. Die ernährungs- und landwirtschaftsorganisation der Vereinigten nationen (FAO) Wirz '51 p ix-xii
- FOOD chemistry.** See Food—Chemistry
- FOOD habits.** See Food preferences
- FOOD handling**
Sorber, D. G. Problems in handling raw commodities in food processing plants. Food Tech 9:37 Ja '55
- FOOD industry and trade**
Clarke, Ronald James. Process engineering in the food industries. Philosophical lib. '57 incl bibliog
United States. Business and defense services administration. Food industries division. U.S. Government statistical publications for the food industries; listing and index comp. by C. V. Danielson. The division '55 22p
Wetmore, John M. and others. Policies for expanding the demand for farm food products in the United States; pt 1, History and potentials. (Technical bul. 231) Agricultural experiment station, Univ. of Minn. '58 p 124-7
See also
Food—Marketing
Food technology
Poultry industry and trade
Produce trade
- Periodicals**
Berghmans, Jacqueline. Catalogue collectif des périodiques d'industrie alimentaire existant en Belgique dans les principales bibliothèques spécialisées. (Bibliog. belgica 21) Comm. belge de bibliog. '57 99p
- FOOD inspection.** See Food adulteration and inspection
- FOOD plants.** See Plants, Edible
- FOOD poisoning**
Dack, Gail Monroe. Food poisoning. rev & enl ed Univ. of Chicago press '56 incl bibliog
Esselen, William B. and Levine, Arthur S. Bacterial food poisoning and its control. (Bul. no493) College of agriculture, Univ. of Mass. '57? p29-39
Wilson, E. and others. Public health aspects of food poisoning. J Milk & Food Tech 20: 70-1 Mr '57
See also
Salmon poisoning
- FOOD preferences**
Dethier, V. G. and Rhoades, M. V. Sugar preference-aversion functions for the blowfly. J Exp Zool 126:202-3 Jl '54
Pangborn, R. Influence of hunger on sweetness preference and taste thresholds. Am J Clin Nutrition 7:286-7 My '59
Rhodes, V. James, and others. Consumer preferences and beef grades; theoretical basis and empirical study, development and testing of a model. (Research bul. 612) Agricultural experiment station, Univ. of Mo. '56 p45-6
Slocum, Walter L. and Swanson, Howard S. Egg consumption habits, purchasing patterns and preferences of Seattle consumers. (Bul. 556) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p27-9
United States. Quartermaster food and container institute for the armed forces, Chicago. Study of the bases for changing food attitudes; progress report. The institute '53 p42-112
Valdés, R. M. and Roessler, E. B. Consumer survey on the dessert quality of canned apricots. Food Tech 10:485-6 O '56
- FOOD preservation.** See Food—Preservation
- FOOD spoilage**
Mukula, Jaakko. On the decay of stored carrots in Finland [tr. by Liisa Pesonen] (Acta agriculturae scandinavica, sup2) Almquist '57 p 127-32
Tappel, A. L. and others. Oxidative fat rancidity in food products. Food Res 22: 294-5 My '57
- FOOD stores**
See also
Super markets
- FOOD storing activity.** See Hoarding instinct (comparative psychology)
- FOOD supply**
Dambaugh, L. N. Population and food resources. J Geog 54:341-2 O '55
Geiger, Ernest. Problems connected with the possible use of plankton for human nutrition. Am J Clin Nutrition 6:399-400 Jl '58
Weidenmann, Hans Ulrich. Die ernährungs- und landwirtschaftsorganisation der Vereinigten nationen (FAO) Wirz '51 p ix-xii
See also
World war, 1939-1945—Food question
- Africa, West**
Johnston, Bruce F. Staple food economics of western tropical Africa. (Stanford univ. Food research inst. Studies in tropical development) Stanford univ. press '58 incl bibliog
- Central America**
Navila, J. M. and others. Nutrient composition of Cuban foods. Food Res 20:111-13 Mr '55
- Far East**
Leung, Woot-tsun (Wu) and others. Composition of foods used in Far Eastern countries. (U.S. Dept. of agriculture, Agriculture handbk. no34) U.S. Gov. ptg. office '52 p44-62
- South Africa**
Van de Wall, G. and Alvord, E. D. Survey of the food and feed resources of the Union of South Africa; with a foreword by D. G. Haylett. Van Schaik '54 p 154-5, 311-12
- Tropics**
Murai, Mary, and others. Some tropical South Pacific island foods; description, history, use, composition, and nutritive value. Univ. of Hawaii press '58 p 151-5
- West Indies, Netherlands**
Steenmeijer, Folkert. Food and nutrition of Arubans. Alimentación y nutrición de los Arubanos. Drukkerij Fa. Schotanus & Jens '57 p 119-24
- FOOD technology**
Abstracts. See numbers of Food technology
Current abstracts of scientific and technical literature. General foods corp. See numbers
Olsen, A. G. and Mills, D. A. Recent advances in food technology. Mech Eng 78: 814 S '56
Vail, G. E. Food technology solves your problems. Am Diet Assn J 32:17-18 Ja '56
- FOOD values**
Kik, Marinus Cornelis. Nutritive value of rice and its by-products. (Bul. 589) Agricultural experiment station, Univ. of Ark. '57 p22-4
Merrill, Annabel Laura, and Watt, Bernice. Kuerth. Energy value of foods; basis and derivation. (U.S. Dept. of agriculture, Agriculture handbook no 74) U.S. Gov. printing office '55 p51-7
Miller, Carey D. and others. Vitamin values of foods used in Hawaii. (Technical bul. 30) Hawaii agricultural experiment station, Univ. of Hawaii '56 p92-4
Sheffner, A. L. and others. Measurement of the net utilization of heat-processed proteins by means of the pepsin digest-residue (PDR) amino acid index. J Nutrition 60: 515-16 D '56
Sheffner, A. L. and others. Pepsin-digest-residue (PDR) amino acid index of net protein utilization. J Nutrition 60:119-20 S '56
- FOOT**
Baer, R. L. and others. Newer studies on the epidemiology of fungous infections of the feet. Am J Pub Health 45:790 Je '55
- FOOT-and-mouth disease**
Gillespie, J. H. Recognition and control of foot-and-mouth disease. Cornell Vet 46: 466-7 O '56
- FOOTBALL**
Manolis, G. G. Relation of charging time to blocking performance in football. Res Q 26:177-8 My '55
See also
Soccer

FOOTLIGHTS. See Theater—Stage lighting

FOOTPRINTS, Fossil

Farmer, M. F. Tracks and trackways of northern Arizona—a record of the past. Plateau 28:63-6 Ja '56

FOOTWEAR

Thornton, John Henry, ed. Textbook of footwear manufacture. Nat. trade press '53 p539-41

FORAGE plants

Ahlgren, Gilbert Harold. Forage crops. 2d ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '56 incl bibliog

Anthony, W. B. and Reid, J. T. Methoxyl as an indicator of the nutritive value of forage. J Dairy Sci 41:1720-2 D '58

Commonwealth bureau of pastures and field crops. Herbage abstracts. The bureau. See numbers

Cook, Charles Wayne, and others. Nutritive value of winter range plants in the Great Basin as determined with digestion trials with sheep. (Bul. 372) Agricultural experiment station, Utah state agricultural college '54 p55-6

Corbett, J. L. Seasonal variations in the nutritive value of grassland herbage. NAAS Q R no37:99-101 Autumn '57

Halls, Lowell Keith, and others. Seasonal variation in grazing use, nutritive content, and digestibility of wiregrass forage. (Technical bul. new ser. 11) Ga. agricultural experiment station '57 p25-8

Hanson, Angus Alexander, and Carnahan, Howard L. Breeding perennial forage grasses. (U.S. Dept. of agriculture. Technical bul. no 1145) U.S. Gov. ptg. office '56 p 100-16

Hershberger, T. V. and others. Use of artificial rumen technique to estimate the nutritive value of forages. J Animal Sci 18: 777-9 My '59

Ilijn, W. S. Relación entre suelo y composición química de las plantas forrajeras. Agron Trop 4:211-13 Ja '55

Kivimäe, A. Chemical composition and digestibility of some grassland crops. Acta Ag Scand 5 sup:138-42 '59

Schmithüsen, Josef, and others. Forschungen in Chile. (Bonner geographische abh. no 17) Geographisches inst. Univ. Bonn '56 incl bibliog

Schneider, Burch Hart, and others. Methods for determining consumption and digestibility of pasture forages by sheep. (Technical bul. 16) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '55 p31-8

Serviss, George H. and Ahlgren, Gilbert Harold. Grassland farming. (Wiley farm ser) Wiley '55 incl bibliog

Smith, F. H. and others. Chemical composition of herbage browsed by deer in two wildlife management areas. J Wildlife Mgt 20:366-7 O '56

Stallcup, Odie Talmadge, and others. Influence of the lignin content of hay on the passage of nutrients through the rumen. (Bul. 572) Agricultural experiment station, College of agriculture & home economics, Univ. of Ark. '56 p 14-16

Vicente-Chandler, José. Management and utilization of the forage crops of Puerto Rico. (Bul. 116) Agricultural experiment station. Univ. of Puerto Rico '53 p89-90

Ward, G. M. Effect of soil fertility upon the yield and nutritive value of forages: a review. J Dairy Sci 42:289-97 F '59

See also

Alfalfa
Beans
Cactus
Clover
Grasses
Hay
Legumes
Mesquite
Pastures and meadows
Silage
Sorghum
Soybeans

FORAGE poisoning

Butcher, John E. and others. Loco; the taxonomy of the plants; a review of literature, and a rep. of current Mont. research. (Mimeo. circ. 72; Animal industry, range management, and wool laboratory. Rep. no 13) Agricultural experiment station, Mont. state college '53 p21-2

Holtenius, P. Nitrite poisoning in sheep, with special reference to the detoxification of nitrite in the rumen. Acta Ag Scand 7 no 1:160-3 '56

Kingsbury, J. M. Plants poisonous to livestock. J Dairy Sci 41:899-907 JI '58

FORAMINIFERA

Akers, W. H. and Drooger, C. W. Miogypsinids, planktonic foraminifera, and Gulf Coast oligocene-miocene correlation. Am Assn Pet Geol Bul 41:677-8 Ap '57

Arnold, Zach McLendon. Life history and cytology of the foraminiferan allogromia laticollaris. (Calif. Univ. Pubs. in zoology, v61, no4) Univ. of Calif. press '55 p228-31

Bandy, O. L. and Arnal, R. E. Distribution of recent foraminifera off west coast of Central America. Am Assn Pet Geol Bul 41:2050-3 S '57

Bé, A. W. H. Ecology of recent planktonic foraminifera: areal distribution in the western North Atlantic. Micropaleontology 5: 88-9 Ja '59

Curtis, N. M. Paleocology of the Viesca member of the Weches formation of Smithville, Texas. J Paleont 29:281-2 Mr '55

Lehmann, E. P. Statistical study of Texas Gulf Coast recent foraminiferal facies. Micropaleontology 3:350-6 O '57

Loeblich, Alfred Richard, and Tappan, Helen. Revision of some recent foraminiferal genera. (Smithsonian misc. colls, v 128, no5) Smithsonian inst. '55 p29-32

Resig, J. M. Ecology of foraminifera of the Santa Cruz basin, California. Micropaleontology 4:305-8 JI '58

Skolnick, H. Lower cretaceous foraminifera of the Black hills area. J Paleont 32:285 Mr '58

Smout, A. H. Reclassification of the rotalidea (foraminifera) and two new cretaceous forms resembling elphidium. Wash Acad Sci J 45:209-10 JI '55

Walton, W. R. Ecology of living benthonic foraminifera. Todos Santos bay, Baja California. J Paleont 29:1017-18 N '55

Zalesny, E. R. Foraminiferal ecology of Santa Monica bay, California. Micropaleontology 5:125-6 Ja '59

FORAMINIFERA, Fossil

Adams, G. C. Study of the morphology and variation of some upper lias foraminifera. Micropaleontology 3:225-6 JI '57

Akers, W. H. Some planktonic foraminifera of the American Gulf coast and suggested correlations with the Caribbean tertiary. J Paleont 29:662-3 JI '55

Akers, W. H. and Drooger, C. W. Miogypsinids, planktonic foraminifera, and Gulf Coast oligocene-miocene correlations. Am Assn Pet Geol Bul 41:677-8 Ap '57

Akers, W. H. and Holck, A. J. J. Pleistocene beds near the edge of the continental shelf, southeastern Louisiana. Geol Soc Am Bul 68:990-1 Ag '57

Barnard, T. Frondicularia from the lower lias of England. Micropaleontology 3:179-80 Ap '57

Barnard, T. Some Lingulinae from the lias of England. Micropaleontology 2:782 JI '56

Bhatia, S. B. Foraminiferal fauna of the late palaeogene sediments of the Isle of Wight, England. J Paleont 29:692-3 JI '55

Bhatia, S. R. and Mohan, K. Miocene (burgdalian) foraminifera from Kathiawar, western India. J Paleont 33:660-1 JI '59

Bibliography and index to new genera, species and varieties of foraminifera for the year 1954-1956. J Paleont 30:352-83; 32:737-62; 33:1069-1114 Mr '56, JI '58, N '59

Biesiot, P. G. Miocene foraminifera from the Uloa sandstone, Zululand. Geol Soc S Africa Trans 60:79-80 '57

Blackmon, P. D. and Todd, R. Mineralogy of some foraminifera as related to their classification and ecology. J Paleont 33:14-15 Ja '59

Blow, W. H. Origin and evolution of the foraminiferal genus orbulina d'Orbigny. Micropaleontology 2:70 Ja '56

Colom, G. Age of the beds with miogypsinina mediterranea Bronnimann on the island of Majorca. Micropaleontology 4:361-2 O '58

Cummings, R. H. Revision of the upper paleozoic textulariid foraminifera. Micropaleontology 2:239-42 JI '56

Drooger, C. W. Transatlantic correlation of the oligo-miocene by means of foraminifera. Micropaleontology 2:189-90 Ap '56

- FORAMINIFERA, Fossil—Continued**
 Edgell, H. S. Genus globotruncana in north-west Australia. *Micropaleontology* 3:119-21 Ap '57
 Glaessner, M. F. and Wade, M. Revision of the foraminiferal family victoriellidae. *Micropaleontology* 5:208, 210, 212 Ap '59
 Gutschick, R. C. and Treckman, J. F. Arenaceous foraminifera from the Rockford limestone of northern Indiana. *J Paleont* 33:249-50 Mr '59
 Hagn, H. Geologische und paläontologische untersuchungen im tertiär des Monte Brione und seiner umgebung. *Palaeontographica* 107 secA no3-6:195-205 '56
 Hanzawa, Shoshiro. Cenozoic foraminifera of Micronesia. (Memoir 66) *Geol. soc. of Am.* '57 p99-111
 Harris, Robert Wilson, and Jobe, Thomas C. Chester foraminifera and ostracoda from Ringwood pool of Oklahoma. (Circ.39) *Okl. Geological survey* '56 p22-6
 Harris, R. W. and McNulty, C. L. Notes concerning a Senonian valvulinarian. *J Paleont* 30:867-8 Jl '56
 Hornibrook, N. de B. New Zealand upper cretaceous and tertiary foraminiferal zones and some overseas correlations. *Micropaleontology* 4:35-6 Ja '58
 Ireland, H. A. Upper Pennsylvanian arenaceous foraminifera from Kansas. *J Paleont* 30:864 Jl '56
 Jean, Joseph S. Middle Pennsylvanian foraminiferal fauna from Dubois county, Indiana. (Bul. 10) *Ind. Geological survey* '57 p54-7
 Levin, H. L. Micropaleontology of the Oldsmar limestone (eocene) of Florida. *Micropaleontology* 3:148-9 Ap '57
 Loeblich, Alfred Richard, and others. Studies in foraminifera. (U.S. Nat. museum. Bul. 215) *Smithsonian inst.* '57 incl bibliog.
 Loeblich, A. R. and Tappan, H. Correlation of the Gulf and Atlantic coastal plain paleocene and lower eocene formations by means of planktonic foraminifera. *J Paleont* 31:1135-7 N '57
 McGlasson, R. H. Foraminiferal biofacies around Santa Catalina island, California. *Micropaleontology* 5:237, 240 Ap '59
 McGugan, A. Upper cretaceous foraminifera from northern Ireland. *J Paleont* 31:344-8 Mr '57
 Maync, W. Foraminiferal genera spirocyclina and iberina. *Micropaleontology* 5:67-8 Ja '59
 Mohan, K. Miogypsinidae from western India. *Micropaleontology* 4:388-90 O '58
 Nagappa, Y. Foraminiferal biostratigraphy of the cretaceous-eocene succession in the India-Pakistan-Burma region. *Micropaleontology* 5:173-7 Ap '59
 Nakkady, S. E. Biostratigraphy and inter-regional correlation of the upper Senonian and lower paleocene of Egypt. *J Paleont* 31:445-7 Mr '57
 Petters, V. and Sarmiento, S. R. Oligocene and lower miocene biostratigraphy of the Carmen-Zambraon area, Colombia. *Micropaleontology* 2:32-4 Ja '56
 Pierce, R. L. Upper miocene foraminifera and fish from the Los Angeles area, California. *J Paleont* 30:1313-14 N '56
 Polski, W. Foraminiferal biofacies off the north Asiatic coast. *J Paleont* 33:586-7 Jl '59
 Reiss, Z. Classification of lamellar foraminifera. *Micropaleontology* 4:69-70 Ja '58
 Reiter, M. Seasonal variations in intertidal foraminifera of Santa Monica bay, California. *J Paleont* 33:629-30 Jl '59
 Said, R. and Barakat, M. G. Jurassic microfossils from Gebel Maghara, Sinai, Egypt. *Micropaleontology* 4:270, 272 Jl '58
 Said, R. and Kenawy, A. Upper cretaceous and lower tertiary foraminifera from northern Sinai, Egypt. *Micropaleontology* 2:158-9 Ap '56
 Skolnick, H. Lower cretaceous foraminifera of the Black Hills area. *J Paleont* 32:285 Mr '58
 Smith, Bernice Young. Lower tertiary foraminifera from Contra Costa county, California. (Calif. Univ. Pubs. in geological sciences, v32, no3) *Univ. of Calif. press* '57 p201-7
 Smith, Hugh Preston. Foraminifera from the Wagonwheel formation, Devils Den district, California. (Calif. Univ. Pubs. in geological sciences, v32, no2) *Univ. of Calif. press* '56 p 105-8
 Smout, A. H. Three new cretaceous genera of foraminifera related to the ceratobuliminidae. *Micropaleontology* 2:344-5 O '56
 Stelck, Charles Richard, and others. Middle Albian foraminifera from Athabasca and Peace River drainage areas of western Canada. (Research council of Alberta. Rep. no 75) *Shnitka* '56 p57-60
 Ziegler, J. H. *Lituola grandis* (Reuss) aus dem untermastricht der Bayerischen alpen. *Palaeontographica secA* 112:126-30 Ja '59
FORCE and energy
 Thirring, Hans. Energy for man; windmills to nuclear power. *Ind. univ. press* '53 p392-5
 United nations. Department of economic and social affairs. New sources of energy and economic development: solar energy, wind energy, tidal energy, geothermic energy and thermal energy of the seas. The organization '57 p 119-50
 See also
 Dynamics
 Impact
FORCED labor. See Labor, Compulsory
FORCING (plants)
 See also
 Vernalization
FORECASTING, Business. See Business forecasting
FORD, Ford Madox, 1873-1939
 Young, Kenneth. Ford Madox Ford. (Bibliog. ser. of sups. to British bk. news, no74) *Longmans* '56 p39-43
FORD, Henry, 1863-1947
 Burlingsame, Roger. Henry Ford; a great life in brief. (Great lives in brief) Knopf '55 p 185-94 annot
 Nevins, Allan, and Hill, Frank Ernest. Ford. *Scribner* '54-'57 2v v 1, p653-64; v2, p688 annot
FORD, John, 1586-1640?
 Davril, Robert. Le drame de John Ford. (Bibliothèque des langues modernes, 5) Didier '54 p531-44
FORECASTING, Business. See Business forecasting
FORECASTING, Weather. See Weather forecasting
FOREIGN aid program. See Economic assistance, Russian
FOREIGN economic relations. See International economic relations
FOREIGN exchange
 Moret, Michel. L'échange international; observations de Jean Weiller; préf. de Charles P. Kindleberger. (Bilans de la connaissance économique, 5) Rivière '57 p317-61
 Sinewe, Klaus E. Grundlage und entwicklung des internationalen zahlungsverkehrs nach dem zweiten weltkrieg. (Schriften zur wirtschaftswissenschaftlichen forschung, v2) Hain '54 p 129-43
 See also
 Sterling area
FOREIGN relations. See International law; International relations
FOREIGN subsidiaries. See Corporations—Foreign subsidiaries
FOREIGN trade. See Commerce
FOREIGN trade regulation
 Seyid Muhammad. Valiyaveetil Abdulazeez. Legal framework of world trade. (London inst. of world affairs. Lib. of world affairs, no40). Praeger '58 p321-6
FOREIGN trade zones. See Free ports and zones
FOREMEN
 Grabe, Sven, and Silberer, Paul. Selection and training of foremen in Europe; rep. on the status, sel. and training of foremen in Europe. (Project no234) European productivity agency, Organisation for European economic cooperation '56? p 149-51
 Walker, Charles Rumford, and others. Foreman on the assembly line. Harvard univ. press '56 p 182-8
FORENSIC medicine. See Medical jurisprudence
FORENSIC obstetrics
 Naujoks, Hans. Gerichtliche geburtshilfe. Thieme '57 p239-47
FORENSIC psychiatry. See Psychiatry, Forensic
FORENSIC psychology. See Psychology, Forensic
FOREST diseases and pests. See Trees—Diseases and pests
FOREST ecology
 Baur, G. N. Nature and distribution of rainforests in New South Wales. *Australian J Bot* 5:220-2 S '57

FOREST ecology—*Continued*

- Buell, M. F. and Nierink, W. A. Fir-spruce-birch forest in northern Minnesota. *Ecology* 38:609-10 O '57
- Christensen, E. M. and others. Phytosociology of the lowland forests of northern Wisconsin. *Am Midl Natur* 62:246-7 JI '59
- Dordick, I. L. and Thuronyi, G. Selective annotated bibliography on climate of the forest. *Meteorol Abst & Bibliog* 8:515-39 Ap '57
- Duncan, D. P. Study of some of the factors affecting the natural regeneration of tamarack (*larix laricina*) in Minnesota. *Ecology* 35:520-1 O '54
- Fraser, D. A. Ecological studies of forest trees at Chalk river, Ontario, Canada. *Ecology* 35:414; 37:789 JI '54, O '56
- Galoux, A. La chénaie sessiliflore de Haute Campine; essai de biosociologie. (Groenedaai, Belgium. Station de recherches. Travaux, sér. A, no 8) J. de Clercq 53 p221-35
- Hosokawa, T. and Odani, N. Daily compensation period and vertical ranges of epiphytes in a beech forest. *J Ecol* 45:914-15 N '57
- Jones, E. W. Ecological studies on the rain forest of southern Nigeria. *J Ecol* 44:116-17 Ja '56
- Larson, Philip R. Effect of environment on the percentage of summerwood and specific gravity of slash pine. (Bul. no 63) School of forestry, Yale univ. '57 p67-73
- Lutz, Harold John. Ecological effects of forest fires in the interior of Alaska. (U.S. Dept. of agriculture. Technical bul. no 1133) U.S. Gov. ptg. office '56 p95-104
- Nelson, T. C. Original forests of the Georgia Piedmont. *Ecology* 38:396-7 JI '57
- Potzger, J. E. and others. Forest primeval of Indiana as recorded in the original U.S. land surveys and an evaluation of previous interpretations of Indiana vegetation. *Butler Univ Bot Stud* 13:109-11 D '56
- Ward, R. T. Beech forests of Wisconsin; changes in forest composition and the nature of the beech border. *Ecology* 37:417-19 JI '56
- Ward, R. T. Beech forests of Wisconsin; their phytosociology and relationships to forests of the state without beech. *Ecology* 39:456-7 JI '58
- Whittaker, R. H. Recent evolution of ecological concepts in relation to the eastern forests of North America. *Am J Bot* 44:204-6 F '57

See also

Forest influences
Forest vegetation
Woody plants

FOREST fires

- Folweiler, Alfred David, and Brown, Arthur Allen. Fire in the forests of the United States. rev ed The authors '53 p218-23
- Weaver, H. Fire as an enemy, friend, and tool in forest management. *J For* 53:504 JI '55

FOREST floor. *See* Forest litter

FOREST influences

- Hori, Takeo, ed. Studies on fogs in relation to fog-preventing forest. Tanne trading co. '53 incl bibliog
- United States. Forest service. Division of watershed management research. Forest and range influences publications, 1905-1955. The division '56 78p

FOREST litter

- Blow, F. E. Quantity and hydrologic characteristics of litter under upland oak forests in eastern Tennessee. *J For* 53:195 Mr '55

FOREST management

- Barracough, Solon Lovett, and Gould, Ernest Morton. Economic analysis of farm forest operating units. (Bul. no 26) Harvard forest '55 p 139-45
- Bleischmidt, Manfred. Die astung. Deutscher bauernverlag '54 p 104-10
- Hough, A. F. Control method of forest management in an age of aerial photography. *J For* 52:573-4 Ag '54
- Neal, Harry Edward. Nature's guardians; your career in conservation. Messner '56 p 175-9
- Smith, J. H. G. Better yields through wider spacing. *J For* 56:497 JI '58
- Stone, E. L. Contribution of ecology to wildland soil management. *Ecology* 38:59-60 Ja '57

FOREST measurements

See also

Forest surveys

FOREST nurseries

- Stoeckeler, Joseph Henry, and Jones, G. W. Forest nursery practice in the Lake states. (U.S. Dept. of agriculture. Agriculture handbk. no 110) Forest service '57 p 112-17

FOREST pathology. *See* Trees—Diseases and pests

FOREST products

- United States. Forest service. Price trends and relationships for forest products; letter from Assistant secretary of agriculture, transmitting a rep. (to the Congress) (U.S. 85th Cong., 1st sess. 1957. House, Doc. no 195) U.S. Gov. ptg. office '57 p46-50

See also

Lumber
Rubber
Timber
Wood
Wood pulp

FOREST soils

- Gagnon, D. and others. Mineral nutrient content of some forest plant leaves and of the humus layer as related to site quality. *Can J Bot* 36:219-20 Mr '58
- Jaeger, H. Methoden der forstlichen standortserkundung und -kartierung in Deutschland. *Petermanns Geog Mitt* 102 no3:197-9 '58
- Jentsch, J. Untersuchung über die wuchsfördernden und bodenbessernden eigenschaften der pinus strobus (weymouthskiefer, Strobe) als mischholzart auf kritischen böden. *Archiv Forstw* 4 no2/3:136-3 '55
- Ovington, J. D. Studies of the development of woodland conditions under different trees. *J Ecol* 44:179, 604; 46:142 Ja, JI '56, Mr '58
- Plaisance, G. Bibliographie des sols forestiers (répertoire international) (Annales, no 25) Centre d'études & de doc. paléontologique '57 165p
- Scott, David Robert Main. Amount and chemical composition of the organic matter contributed by overstory and understorey vegetation to forest soil. (Bul. no 62) School of forestry, Yale univ. '55 p55-8
- Stone, E. L. Contribution of ecology to wildland soil management. *Ecology* 38:59-60 Ja '57
- Vlams, J. and others. Effects of prescribed burning on soil fertility in second growth ponderosa pine. *J For* 53:909 D '55
- Vlams, J. and others. Nutrient response of ponderosa pine and brush seedlings on forest and brush soils of California. *Hilgardia* 28 no9:253-4 F '59
- Week, J. Regenwälder, eine vergleichende studie forstlichen produktionspotentials. *Erde* 90 no 1:36-7 '59
- White, Donald Perry, and Leaf, Albert L. Forest fertilization; a bibliog, with abstracts, on the use of fertilizers and soil amendments in forestry. (World forestry ser, bul. no 2; Technical pub. no 81) State univ. college of forestry, Syracuse univ. '56? 305p
- Wilde, Sergius Alexander. Forest soils; their properties and relation to silviculture. *Ronald* '58 p497-517
- Wilde, S. A. Mycorrhizal fungi: their distribution and effect on tree growth. *Soil Sci* 78:29-31 JI '54
- Wilde, S. A. Soils and forest tree breeding. *J For* 52:931-2 D '54
- Youngberg, C. T. Effect of soils on the establishment of tree crops. *Soil Sci Soc Am Proc* 19:90 Ja '55

FOREST surveys

- Dingle, Richard William, and Fletcher, Peter W. Survey of forest tree plantings in Missouri. (Bul. 640) Agricultural experiment station, Univ. of Mo. '55 p 19-20
- Spurr, Stephen Hopkins. Forest photogrammetry and aerial mapping, a bibliography, 1887-1955. School of natural resources, Univ. of Mich. '56 60p
- FOREST thinning
- Helberg, Svend O. ed. Thinning problems and practices in Denmark, by Carl Mar: Möller [and others] (Technical pub. no 76; World forestry ser, pub. no 1) New York state college of forestry, Syracuse univ. '54 p81-4
- Helberg, S. O. and Haddock, P. G. Method of thinning and forecast of yield in Douglas-fir. *J For* 53:17-18 Ja '55

FOREST valuation. *See* Forest surveys

FOREST vegetation

Hodgkins, E. J. Effects of fire on undergrowth vegetation in upland southern pine forests. *Ecology* 39:45-6 Ja '58

FORESTRY as a profession

Brown, Nelson Courtland. *Forestry. (Vocational and professional monographs, no8)* Bellman pub. '57 p29-31

FORESTRY engineering

Koroleff, Alexander Michael. Logging mechanization in the U.S.S.R.; a review of Russian data. (Woodlands research index no90, B-1) McGill univ. bk. store '52 p 154-8

FORESTRY research

Society of American foresters. Forestry research project. Forestry and related research in North America; prepared by Frank H. Kaufert and William H. Cummings. The society '55 incl bibliog

FORESTS, Petrified. See Petrified forests**FORESTS and forestry**

Bibliographie des ausländischen forst- und holzwirtschaftlichen schrifttums. Dokumentationsstelle Reinbek b, Hamburg, Inst. für forstpolitik & weltforstwirtschaft. See numbers

Bibliographie des forst- und holzwirtschaftlichen schrifttums. Bundesforschungsanstalt für forst- & holzwirtschaft. See numbers

Bibliographie des forstlichen schrifttums Deutschlands, 1952-I-1956j (V 16-20) Deutsche zentralstelle für forstliche bibliog. '53-'57 5v

Commonwealth forestry bureau. Forestry abstracts. The bureau. See numbers

Current literature. See numbers of Journal of forestry

Dingle, Richard William, and Fletcher, Peter W. Survey of forest tree plantings in Missouri. (Bul. 640) Agricultural experiment station, Univ. of Mo. '55 p 19-20

Dux, Werner, and Fleischhack, Curt. Bibliographie der landwirtschaftlichen hochschul-schriften; ein systematisches verzeichnis der titel aller in deutscher sprache in den jahren 1945-1952 an deutschen, schweizerischen und österreichischen universitäten und hochschulen veröffentlichten disserta-tionen und habilitationsschriften auf dem gebiet der land- und forstwirtschaftswissenschaften; mit einem geleitwort von Dr. Werner Wöhlbein. (Leipzig, Deutsche bucherei. Sonderbibliographien, 1) Verlag für buch- & bibliothekswesen '54 172p

Eakin, M. L. Society of American foresters; check list of forestry items in a working library, 1958. J For 56:586-91 Ar '58

East African high commission. East African agriculture and forestry research organisation. East African forest bibliography, comp. by A. L. Griffith and B. E. St. L. Stuart. The organization '55 118p

Forbes, Reginald Dunderdale, and others, eds. Forestry handbook; ed. for the Soc. of Am. foresters. Ronald '55 incl bibliog

Forestry theses accepted by colleges and universities in the United States; sup. 1953-1955 incl. additions for 1904-1952, comp. by Katherine H. Osborn; subject index by Louis W. Powell and William I. West. (Bibliog. ser, no5) Lib, Ore. state college '57 44p

Förteckning över lantbrukslitteratur anskafad till de svenska lantbruksbiblioteken. See numbers of K. Skogs- och lantbruksakademien. Stockholm. Tidskrift

Haden-Guest, Stephen, and others, eds. World geography of forest resources [contributors: Robert S. Adamson and others] (Am. geographical soc. Special pubs, no33) Ronald '56 incl bibliog

Hauberg, Poul A. Den danske skovbrugs-litteratur, 1926-1945. Danish forest literature, 1926-1945. (Bibliog. universalis silviculturae. Dania, 2) Forstlige foresøgskommission '52-'57 2v

International symposium on forest tree physiology. 1st. Harvard university. 1957. Physiology of forest trees; a symposium held at the Harvard forest, Apr. 1957; under the auspices of the Maria Moors Cabot foundation; ed. by Kenneth V. Thimann [and others] Ronald '58 incl bibliog

Jaeger, H. Methoden der forstlichen standortserkundung und -kartierung in Deutschland. Petermanns Geog Mitt 102 no3:197-9 '58

Lindstrom, Gustaf Adolph. Bibliography of strip-mine reclamation. (Misc. release no8) U.S. Central states forest experiment station '53 25p

Morris, R. F. and others. Green River project — a decade of forestry research. Pulp & Pa Mag Can 56:163 Ag '55

Neue dissertationen; 8. folge: Schweizerische dissertationen, 1953-1954. Schrifttum Bodenkultur 8 no 1:12-14 '56

Paterson, Sten Sture. Forest area of the world and its potential productivity. (Medelanden, 51) Geografiska inst, Göteborg univ. '56 p201-11

Reidy, Genevieve L. Graduate theses, 1944-1954 [abstracts] College of forestry, State univ. of N.Y. '55 116p

Schober, Helen C. List of publications. (U.S. Central states forest experiment station, Columbus, Ohio, Misc. release no6) Forest service, U.S. Dept. of agriculture '55 52p

Stoddard, Charles Hatch. Essentials of forestry practice. Ronald '59 p250-3

Texas. Forest service. Manual of forestry; with special reference to forestry problems in east Texas; ed. by Howard E. Weaver. (Bul. 45) The service '52 p243-7

Timber development association, London. Library. Catalogue [a classified list of bks. for reference at the headquarters lib] 4th ed The association '53 69p

United States. Forest service. Forest service safety code. U.S. Gov. ptg. office '53 p275-8

United States. Forest service. Some references on forests and related natural resources. U.S. Gov. ptg. office '58 16p

United States. Superintendent of documents. Forestry. (Price list 43, 49th ed) U.S. Gov. ptg. office '59 8p

Viktigare uppsatser i nyinkomna utländska tidskrifter. See numbers of K. Skogs- och lantbruksakademien. Tidskrift

Wenger, Karl F. and Trousdell, Kenneth B. Natural regeneration of loblolly pine in the South Atlantic coastal plain. (Production research rep. no 13) U.S. Dept. of agriculture '58 p73-8

White, Donald Perry, and Leaf, Albert L. Forest fertilization; a bibliog, with abstracts, on the use of fertilizers and soil amendments in forestry. (World forestry ser, bul. no2; Technical pub. no81) Syracuse college of forestry, State univ. of N.Y. '56? 305p

Wilde, Sergius Alexander. Forest soils; their properties and relation to silviculture. Ronald '58 p497-517

See also

Lumber trade

Lumbering

Rain forests

Timber line

Tree planting

Windbreaks

Wood

Ecology

See Forest ecology

Economic aspects

Economics of forestry; a bibliog. for the United States and Canada, 1948-1952 [-1953-1954] (U.S. Dept. of agriculture. Lib. list no52, sup 1-2) Forest service '55-'59 2v

Engineering

See Forestry engineering

Mensuration

Meyer, Hans Arthur. Forest mensuration. Penns Valley pubs. '53 incl bibliog

Safety measures

International labor office. Occupational safety and health in forestry operations. The office '57 p 175-84

Taxation

Williams, E. T. Tax assessment of forest land and timber shows improvement. J For 54:176 Mr '56

Africa

Parry, M. S. Tree planting practices in tropical Africa. (FAO forestry development paper no8) Food & agricultural organization of the United nations '56 p299-302

FORESTS and forestry—Continued

Alaska

- Lutz, Harold John. Ecological effects of forest fires in the interior of Alaska. (U.S. Dept. of agriculture, Technical bul. no 1133) U.S. Gov. ptg. office '56 p95-104

Asia

- Letourneau, Charles. Tree planting practices in tropical Asia. (FAO forestry development paper no 11) Food & agriculture organization of the United Nations '57 p 169-72

California

- Hallin, William. Application of unit area control in the management of ponderosa-Jeffrey pine at Black Mountain experimental forest. (Technical bul. no 1191) U.S. Dept. of agriculture '59 p60-1

Canada

History

- Neiderheiser, Clodaugh M. Forest history sources of the United States and Canada; a comp. of the ms. sources of forestry, forest industry, and conservation history. (Pubs) Forest history foundation '56 140p

Finland

- Marsh, Raymond Eugene. Public policy toward private forest land in Sweden, Norway, and Finland. Charles Lathrop Pack forestry foundation '54 incl bibliog

- Seppälä, Arvo. Bibliographia universalis silviculturae. Fennia 1939-1940, Suomi-Finnland. Helsingin yliopiston metsäkirjasto '53 83p

Georgia

- Larson, Robert Walter. Timber supply situation in Georgia. (U.S. Forest service. Forest resource rep. no 12) U.S. Gov. ptg. office '56 p43-4

Germany

- Wagenknecht, Egon. Wege zu standortgerechter forstwirtschaft; mit beiträgen von Alexis Scamoni [and others] Neumann '56 p511-23

Great Britain

- Great Britain. Forestry commission. Library catalogue of books, with lists of periodicals and Forestry commission publications. The commission '58 135p

Japan

- Leloup, Marcel. Tree planting practices in temperate Asia: Japan. (FAO forestry development paper, no 10) Food & agriculture organization of the United Nations '56 p 149-51

Minnesota

- Buell, M. F. and Niering, W. A. Fir-spruce-birch forest in northern Minnesota. Ecology 38:609-10 O '57

Near East

- Goor, Ahihud Y. Tree planting practices for arid areas (FAO forestry development paper no6) Food & agriculture organization of the United Nations '55 p 123-6

North America

- Society of American foresters. Forestry research project. Forestry and related research in North America; prepared by Frank H. Kaufert and William H. Cummings. The society '55 incl bibliog

Norway

- Marsh, Raymond Eugene. Public policy toward private forest land in Sweden, Norway, and Finland. Charles Lathrop Pack forestry foundation '54 incl bibliog

Pyrenees

- Chabrol, P. L. L'œuvre des forestiers français dans la restauration des terrains en montagne, et plus particulièrement dans les Pyrénées de la Haute Garonne et de l'Ariège. Pirineos 10:356-8 J1 '54

Russia

- Koroleff, Alexander Michael. Logging mechanization in the U.S.S.R.; a review of Russian data. (Woodlands research index no90, B-1) McGill univ. bk. store '52 p 154-8

Sweden

- Marsh, Raymond Eugene. Public policy toward private forest land in Sweden, Norway, and Finland. Charles Lathrop Pack forestry foundation '54 incl bibliog

Texas

- Texas. Forest service. Manual of forestry; with special reference to forestry problems in east Texas; ed. by Howard E. Weaver. (Bul. 45) The service '52 p243-7

United States

- Barracough, Solon Lovett, and Gould, Ernest Morton. Economic analysis of farm forest operating units. (Bul. no26) Harvard forest '55 p 139-45

- Bibliography of Herman Haupt Chapman, 1874-, B.S. Minn, 1896; B.A. Gr [sic] Minn, 1899; M.F. Yale, 1904; D.Sc. 1947, Minn. Period covered, 1896-1956. The author 40p
- Bourdo, E. A. Review of the general land office survey and of its use in quantitative studies of former forests. Ecology 37:767-8 O '56

- Dana, Samuel Trask. Forest and range policy; its development in the United States. (Am. forestry ser) McGraw '56 p426-34

- Folweiler, Alfred David, and Brown, Arthur Allen. Fire in the forests of the United States. rev ed The authors '53 p218-23

- Lemmon, P. E. Factors affecting productivity of some lands in the Willamette basin of Oregon for Douglas-fir timber. J For 53: 330 My '55

- Lindsey, A. A. and others. Field efficiencies of forest sampling methods. Ecology 39:443-4 J1 '58

- Resources for the future. Incorporated. Forest credit in the United States; a survey of needs and facilities; rep. of a committee. The corporation '58 p 154-7

- Society of American foresters. Division of silviculture. Committee on forest practices. Forest practices developments in the United States, 1940 to 1955; rep. Jan, 1956. The society '56 p27-39

- United States. Forest service. Timber resources of America's future. (Forest resource rep. no 14) U.S. Gov. ptg. office '58 p702-4

- Ward, R. T. Beech forests of Wisconsin; their phytosociology and relationships to forests of the state without beech. Ecology 39:456-7 J1 '59

History

- Neiderheiser, Clodaugh M. Forest history sources of the United States and Canada; a comp. of the ms. sources of forestry, forest industry, and conservation history. (Pubs) Forest history foundation '56 140p

FORGERY

- Cole, Sonia. Counterfeit. Abelard-Schuman '56 p203-5

See also

- Counterfeits and counterfeiting

FORGING

See also

- Ironwork

FORM perception

- Falk, J. L. Theories of visual acuity and their psychological bases. Psychol Bul 53: 130-3 Mr '56

FORMALDEHYDE

- Barker, J. S. F. and Davern, C. I. Mutagenic action of formaldehyde on drosophila melanogaster. Australian J Biol Sci 9:398-9 Ag '56

FORMALIN. See Formaldehyde

FORMOSA

Antiquities

- Chang, K. C. Brief survey of the archaeology of Formosa. Sw J Anthropol 12:384-6 Winter '56

- Smith, A. H. Formosa. Asian Perspect 1: 109-11 Summer '57

FORMS (mathematics)

- Grenander, Ulf, and Szegö, Gabor. Toeplitz forms and their applications. (Calif. monographs in mathematical sciences) Univ. of Calif. press '58 p29-42

FORSSSELL, Gösta, 1876-1950

- Akerlund, Åke Olof. Gösta Forssell, 1876-1950: to the memory of his life and work. (Sup 131) Acta radiologica '56 p47-50

FORSTER, Edward Morgan, 1879-
McConkey, James. Novels of E. M. Forster.
Cornell univ. press '57 p 161-3

FORSTER, Georg, 1754-1794
Reintjes, Heinrich. Weltreise nach Deutsch-
land; Johann Georg Forsters leben und
bedeutung. Progress-verlag '53 p201-4

FORSTREUTER, Kurt, 1897-
Göttinger arbeitskreis. Preussenland und
Deutscher orden; festschrift für Kurt
Forstreuter, zur vollendung seines 60.
lebensjahres dargebracht von seinen freun-
den. (Ostdeutsche beiträge aus dem Göt-
tinger arbeitskreis, v9; Veröffentlichung
no 184) Holzner '58 p374-81

FORTIFICATION
Drums in the forest. Decision at the forks
[by] Alfred Procter James [and] Defense
in the wilderness [by] Charles Morse Stotz.
Historical soc. of W.Pa. '58 p 194-7

FORTIFICATION, Primitive
Farmer, M. F. Suggested typology of defen-
sive systems of the Southwest. Sw J An-
throp 13:262-6 Autumn '57

FORUMS (discussion and debate)
Cortright, Rupert L. and Hinds, George L.
Creative discussion. Macmillan '59 incl bib-
liog

FOSCOLO, Ugo, 1778-1827
Frattarolo, Renzo. Studi foscoliani; bibliog.
della critica (1921-1952) (Amor di libro,
piccole monografie bibliog, 17, 21) Sansoni
'54-'56 2v

FOSHAG, William Frederick, 1894-956
Ross, C. S. Memorial of William Frederick
Foshag (1894-1956). Geol Soc Am Proc 1956:
124-6 S '57

Schaller, W. T. Memorial of William Fred-
erick Foshag. Am Min 42:252-5 Mr '57

FOSSILS. See Paleontology

also
Ammonoidea
Amphibia, Fossil
Annelids, Fossil
Arachnida, Fossil
Arthropoda, Fossil
Birds, Fossil
Brachiopoda, Fossil
Branchiopoda, Fossil
Bryozoa, Fossil
Cephalopoda, Fossil
Conodonts
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Echinodermata, Fossil
Eurypterida
Fishes, Fossil
Footprints, Fossil
Foraminifera, Fossil
Fusulinidae
Gasteropoda, Fossil
Holothurians
Invertebrates, Fossil
Lamellibranchiata, Fossil
Mammals, Fossil
Mammoths
Marine fauna, Fossil
Mastodons
Mollusks, Fossil
Nautiloidea, Fossil
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Rodents, Fossil
Sea urchins, Fossil
Sirenia, Fossil
Sponges, Fossil
Starfishes, Fossil
Trilobites
Vertebrates, Fossil

FOSSILS, Living. See Living fossils

FOSSILS, Plant. See Paleobotany

also
Algae, Fossil
Ferns, Fossil
Fruit, Fossil
Petrified forests
Pollen, Fossil
Pteridosperms
Spores, Fossil
Trees, Fossil

FOSTER, Stephen Collins, 1826-1864
Fuld, James J. Pictorial bibliography of the
first editions of Stephen C. Foster. Musical
Americana '57 25, 181p

FOUCAULD, Charles Eugène, vicomte de,
1858-1916

Carrouges, Michel. Soldier of the spirit; the
life of Charles de Foucauld; tr. from the
French by Marie-Christine Hellin; with an
introd. by Anne Fremantle. Putnam '56
p299-300

FOUNDATIONS

Bažant, Zdeněk. Methody zakládání staveb.
(Československá akad. věd. Sekce technická.
Studie a prameny, no 11) Nakl. Českoslo-
venské akad. věd '56 p536-48
Chemical grouting: progress report of the
Task committee on chemical grouting of the
Soil mechanics and foundations division.
Am Soc Civil Eng Proc 83 [ISM 1 no 1426]:
87-104 '57

Hammond, Rolt. Foundation engineering;
a survey of modern practice in the solu-
tion of foundation problems of all kinds;
introd. by Sir F. Arthur Whitaker. Philo-
sophical lib. '56 incl bibliog

Henry, F. D. C. Soil mechanics aspects
of the design of foundations. Engineering
180:457 S '55

International conference on soil mechanics
and foundation engineering. 3d, Zurich and
Lausanne, 1953. Proceedings. Organizing
com. '53-'54 3v incl bibliog

Piętkowski, Radzimir. Fundamentowanie.
Budownictwo i architektura '56 p387-90

See also
Soil mechanics

FOUNDATIONS, Charitable and educational
Andrews, Frank Emerson, ed. Legal instru-
ments of foundations. (Foundation lib. center
study) Russell Sage '58 p295-9 annot

Andrews, Frank Emerson. Philanthropic
foundations. Russell Sage '56 p355-87 annot
Fleege, U. H. On securing foundation support.
Nat Cath Ed Assn Bul 54:28-32 N '57

Los Angeles county law library, Los Angeles.
Selected books and articles on foundations,
cooperatives, non-profit corporations. The
library '59 3p

Macdonald, Dwight. Ford foundation; the
men and the millions. Reynal '56 p 175-8
annot

Mattingly, Richard C. Scholarships and fel-
lowships; a sel. bibliography. (Bul.1957,
no7) U.S. Office of education '57 28p annot

Otto, M. M. Selected bibliography in philan-
thropy. (In Russell Sage foundation. Re-
port of the Princeton conference on the
history of philanthropy in the United
States. The foundation '56 p41-84)

FOUNDRY practice

Abstracts from foundry literature. See num-
bers of British cast iron research associa-
tion. Bulletin

Additions to the Library. See numbers of
British cast iron research association. Bul-
letin

Analyses d'articles pratiques. See numbers
of Mécanique documentation thru 1956?

Brunhuber, Ernst. Leichtmetall- und schwer-
metall-kokillenguss. Schiele & Schön '54
p 157-8

Carbon dioxide process. Brit Cast Iron Res
Assn Bul 12:279-81; 13:266-71 My '54, Mr
'56

Commission française des défauts de fon-
derie. Album de défauts de fonderie
[rédigé par les soins de Guy Hénon; mis
au point par la Commission] préf. de
A.-E. Le Thomas. Eds. techniques des
industries de la fonderie '52-'55 2v incl
bibliog

Heine, Richard W. and Rosenthal, Philip C.
Principles of metal casting; prepared in
cooperation with the Textbk. com. of the
Education div, Am. foundrymen's society.
McGraw '55 incl bibliog

International foundry congress, 24th. Stock-
holm, 1957. Congress papers. Conférences.
Kongressvorträge. Sveriges mekanförbund
'57-'58 3v incl bibliog

Meyer, Richard. Der hartguss; ein handbuch
für den praktiker und studierenden. Knapp
'54 p317-24

Morris, Joe Lawrence. Metal castings. Pren-
tice-Hall '57 incl bibliog

Rusinoff, Samuel Eugene. Foundry practices.
Am. tech. soc. '55 p256-7

Sheffield, England. Free public libraries and
museum. Science and technology library.
Select bibliography on the CO₂ process. (Re-
search bibliogs. new ser, no62) The library.
'56 4p

See also

Castings
Die casting
Iron founding
Molds (for casting)
Precision casting

FOUNDRY practice—*Continued*

Shell molding

Engineering societies library. Bibliography on shell molding. (ESL bibliog, no 13) The library '59 26p annot

FOUNTAINS

See also

Rome, (city)—Fountains

FOUQUE, Karoline Auguste (von Briest) freiin de La Motte. See La Motte-Fouqué, K. A.

FOURIER, Pierre. Saint, 1565-1640
Derréal, H. De nouvelles sources de l'histoire de Saint Pierre Fourier. Ann Est 8 no 1: 12-22 '57

FOURIER, François Marie Charles, 1772-1837
Bo, Giuseppe del. Charles Fourier e la scuola societaria (1801-1922) Il socialismo utopistico; saggio bibliografico. (Istituto Giangiacomo Feltrinelli. Bibliog, 1) Feltrinelli '57 111p

FOURIER'S series

Ehrenpreis, L. and Mautner, F. I. Some properties of the Fourier-transform on semi-simple Lie groups. Ann Math 61:439 N '55; Am Math Soc Trans 84:54-5; 90:483-4 Ja '57, Mr '59

Flett, T. M. On the absolute summability of a Fourier series and its conjugate series. Lond Math Soc Proc 8:310-11 Ap '58

See also

Harmonic analysis

FRA Angelico. See Angelico, Fra

FRACCARO, Plinio, 1833-

Fraccaro, Plinio. Opuscula. Presso la rivista Athenaeum '56-'57 3v v 1, p xv-xxxi

FRACTURE of metals. See Metals—Failure

FRACTURES

Backman, Stig. Proximal end of the femur: investigations with special reference to the etiology of femoral neck fractures; anatomical studies, roentgen projections, theoretical stress calculations, experimental production of fractures [tr. by Stanley H. Vernon] (Sup 146) Acta radiologica '57 p 162-6

Blount, Walter Putnam. Fractures in children. Williams & Wilkins '54 p265-71

Hulth, Anders. Intra-osseous venographies of medial fractures of the femoral neck; the residual vascularity of the head fragment in different types of fractures and its relation to the prognosis. (Sup 214) Acta chirurgica scandinavica '56 p 107-12

Perey, Olaf. Fracture of the vertebral endplate in the lumbar spine; an experimental biochemical investigation [English tr. by C. A. Grant] (Sup no25) Acta orthopedica scandinavica '57 p96-101

Rettig, Hans. Frakturen im Kindesalter. Bergmann '57 p83-9

Whittaker, A. H. Open reduction treatment of fractures of the os calcis. Ind Med 23: 442 O '54

Widén, Anders. Fractures of the calcaneus; a clinical study with special reference to the technique and results of open reduction [tr. by Stanley H. Vernon] (Sup 188) Acta chirurgica scandinavica '54 p99-104

FRAGONARD, Jean Honoré, 1732-1806

Réau, Louis. Fragonard, sa vie et son œuvre. (Les Grands maîtres de l'art français, 1) Elsevier '56 p258, 263-4, 267

FRAMBESIA

Brazil. Instituto brasileiro de bibliografia e documentação. Boubia; bibliog. brasileira. (Bibliog. brasileiras sobre doenças tropicais, no 1) The institute '58 20p

FRAMED structures. See Structural frames

FRANCE

Lepointe, Gabriel, and Vandenbossche, André. Éléments de bibliographie sur l'histoire des institutions et des faits sociaux, 987-1875. Ed. Montchrestien '58 232p

See also

Normandy

Antiquities

Bibliographie régionale. See numbers of Revue archéologique de l'Est et du Centre-Est
Sandars, Nancy K. Bronze age cultures in France; the later phases from the thirteenth to the seventh cent. B.C. Cambridge '57 p381-95

Church history

Didier, Noël. Les églises de Sisteron et de Forcalquier du XI^e siècle à la Révolution; le problème de la concathédralité. (Grenoble. Univ. Faculté de droit. Essais et travaux, 4) Dalloz '54 p vii-xviii

Jette, Marie Henri. France religieuse au XVIII^e siècle; de la Révolution et de l'Empire; perspectives. Casterman '56 incl bibliog
—Same. new rev ed Casterman '58 p277-8
Notes bibliographiques. See numbers of Revue d'histoire de l'église de France
Périodiques régionaux. See numbers of Revue d'histoire de l'église de France

Civilization

Roe, Frederick Charles. Modern France; an introd. to French civilization. Longmans '56 incl bibliog

See also

France—Intellectual life

Colonies

Brunschwig, H. Colonisation française [bibliog. article] R Hist 222:113-56 J1 '59

See also

French West Africa

Commerce

History

Lapeyre, Henri. Une famille de marchands: les Ruiz; contribution à l'étude du commerce entre la France et l'Espagne au temps de Philippe II. (Affaires et gens d'affaires, 8) Colin '55 p9-41

Constitutional history

See also

France—Etats généraux

Constitutional law

See also

Elections—France

Economic conditions

Dunham, Arthur Louis. Industrial revolution in France, 1815-1848. Exposition '55 p449-83

Economic history

Landes, D. S. Recent work in the economic history of modern France [bibliog. article] French Hist Stud 1 no 1:73-94 '58

Economic policy

Baum, Warren C. French economy and the state. Princeton univ. press '58 p375-84

Marchal, André. La pensée économique en France depuis 1945. (Bibliothèque de la science économique) Presses universitaires de France '53 p 191-228

Etats généraux

Cadart, Jacques. Le régime électoral des Etats généraux de 1789 et ses origines (1302-1614) (Lyons. Univ. Annales. 3. sér. Droit, fasc. 41) Recueil Sirey '52 p 175-6

Foreign relations

Germany

Lutz, Hermann. German-French unity; basis for European peace. Regnery '57 p247-51

Government publications

Bibliographie sélective des publications officielles françaises. Documentation française. See numbers

History

Bibliographie de la France méridionale; pubs. de l'année 1955[1957] Ann Midi 68:431-510; 69:337-417; 70:431-506 O '56, O '57, O '58

Comité français des sciences historiques. Bibliographie annuelle de l'histoire de France du cinquième siècle à 1939 [publications des années] 1955[1958] Eds. du Centre nat. de la recherche scientifique '56-'59 4v

Guérard, Albert Léon. France; a modern history (Univ. of Mich. history of the modern world) Univ. of Mich. press '59 p547-63 annot

Materials for French history in the Newberry library. French Hist Stud 1 no 1:95-9 '58

Parias, Louis Henri, ed. Histoire du peuple français; préf. de Edouard Herriot. Nouvelle librairie de France '51-'53 4v incl bibliog

Recent books on French history. French Hist Stud 1 no 1:117-26; no2:255-63 '58-'59

FRANCE—History—Continued

Reinhard, Marcel, ed. *Histoire de France*; ouvrage publié sous la direction de Marcel Reinhard avec collaboration de Norbert Dufourcq. Librairie Larousse '54 2v incl bibliog

Travaux publiés à l'étranger sur l'histoire de la France, 1954-1955[1956-1958] *Inf Hist* 18:83; 19:134-6, 181; 20:90-2, 134-5; 21:89-91, 134-6 Mr '56, My-Jl '57, Mr-My '58, Mr-My '59

Medieval period to 1515

Bouttruche, R. *Histoire de France au moyen âge (V^e-XV^e siècles) publications des années 1947-1953*. *R Hist* 212:61-98; 213:47-80 Jl '54, Ja '55 annot

Bourbons, 1589-1789

Faÿ, Bernard, Louis XVI; ou, La fin d'un monde. (Présence de l'histoire) Amiot-Dumont '55 p383-94

Lewis, Warren Hamilton. *Sunset of the splendid century; the life and times of Louis Auguste de Bourbon, duc du Maine, 1670-1736*. Sloane '55 p301-20

Revolution

Beik, P. H. French revolution seen from the right; social theories in motion, 1789-1799. *Am Philos Soc Trans* 46 pt 1:114-18 F '56

Bibliographie. See numbers of *Annales historiques de la Révolution française*

Biro, Sydney Seymour. German policy of revolutionary France; a study in French diplomacy during the war of the first coalition, 1792-1797. Harvard univ. press '57 2v v2, p986-1045

Gershoy, Leo. Era of the French revolution, 1789-1799; ten years that shook the world. Van Nostrand '57 p 181-3

Godechot, J. La période révolutionnaire et impériale. *R Hist* 221:99-141, 305-24 Ja-Apr '59

Lefebvre, G. La Révolution et l'Empire; période révolutionnaire. *R Hist* 213:248-302 Ap '55

Martin, André, and Walter, Gérard. *Catalogue de l'histoire de la Révolution française; v4. Ecrits de la période révolutionnaire*. Dépt. des imprimés, Bibliothèque nat. '54-'55 2v

Revue de la presse. See numbers of *Annales historiques de la Révolution française*

1789-1815

Fugier, André. La révolution française et l'empire napoléonien. (Histoire des relations ints, v4) Hachette '54 incl bibliog

Consulate and empire, 1799-1815

Godechot, J. La période révolutionnaire et impériale. *R Hist* 221:99-141, 305-24 Ja-Apr '59

Kurtz, Harold. Trial of Marshal Ney; his last years and death. Knopf '57 p321-6 annot

Lefebvre, G. La Révolution et l'Empire; période révolutionnaire. *R Hist* 213:248-302 Ap '55

Second empire, 1852-1870

Guiral, Pierre. Prévost-Paradol (1829-1870) pensée et action d'un libéral sous le second empire. Presses univ. de France '55 p763-806

Commune, 1871

See Paris—History—Commune, 1871

20th century

Lacour-Gayet, Robert. La France au XX^e siècle. (Dryden press modern language pubs) Dryden '55 p319-23

Reynaud, Paul. In the thick of the fight, 1930-1945; tr. by James D. Lambert. Simon & Schuster '56 p657-9

1940-1944

Aron, Robert. *Histoire de Vichy, 1940-1944*. (Les Grandes études contemporaines) Fayard '54 p748-60

German occupation, 1940-1945

Aron, Robert, and Elgey, Georgette. Vichy regime, 1940-44; tr. by Humphrey Hare. Macmillan '58 p518-20

Paris. Bibliothèque nationale. *Catalogue des périodiques clandestins 1939-1945*; suivi d'un catalogue des périodiques clandestins diffusés à l'étranger; préparé et rédigé successivement par Renée Roux-Fouillet et Paul Roux-Fouillet. The library '54 282p

Werth, Alexander. France, 1940-1955; with a foreword by G. D. H. Cole. Holt '56 p743-9

1945-

Werth, Alexander. France, 1940-1955; with a foreword by G. D. H. Cole. Holt '56 p743-9

History, Local

Gandilhon, René. *Bibliographie générale des travaux historiques et archéologiques publiés par les sociétés savantes de la France*, dressée sous les auspices du Ministère de l'éducation nationale; sous la direction de Charles Samaran; période 1910-1940. Imprimerie nat. '44-'56 4v

History, Military

Quimby, Robert S. Background of Napoleonic warfare; the theory of military tactics in eighteenth-century France. (Columbia studies in the social sciences, no596) Columbia univ. press '57 p371-5

Intellectual life

Grundpositionen der französischen aufklärung. (Neue beiträge zur literaturwissenschaft, v 1) Rütten & Loening '55 p353-77

Park, Julian, ed. *Culture of France in our time*. Cornell univ. press '54 incl bibliog

Shattuck, Roger. Banquet years; the arts in France, 1885-1918. Harcourt '58 p285-96

Politics and government

Davey, Elizabeth, ed. France in crisis. (Reference shelf, v29, no2) Wilson '57 p 197-208

Lot, Ferdinand, and Fawtier, Robert, eds. *Histoire des institutions françaises au moyen âge; v 1. Institutions seigneuriales (les droits du roi exercés par les grands vassaux)* par M de Bédard [et al] Presses univ. de France '57 incl bibliog

Mallet, Alfred. Pierre Laval. (Archives d'histoire contemporaine) Amiot-Dumont '55 2v v2, p406-21

Newberry library, Chicago. Checklist of French political pamphlets, 1560-1644 in the Newberry library; comp. by Doris Varner Welsh. The library '50 204p

—Second checklist of French political pamphlets, 1560-1653 in the Newberry library; comp. by Doris Varner Welsh. The library '55 190p

Ranney, John Calver, and Carter, Gwendolen Margaret. Major foreign powers; the govts. of Great Britain, France, Germany, and the Soviet Union. 3d ed. by Gwendolen M. Carter [and others] Harcourt '57 p721-92

Stoetzel, J. Conference of the British sociological association, 1955; Voting behaviour in France. *Brit J Sociol* 6:110-11 Je '55

Weber, Eugen Joseph. Nationalist revival in France, 1905-1914. (Calif. Univ. Pubs. in history, v60) Univ. of Calif. press '59 p201-16 annot

Williams, Philip. Politics in post-war France; parties and the constitution in the Fourth republic. 2d ed Longmans '58 p ix-xi

Zeldin, Theodore. Political system of Napoleon III. St Martins '58 p 177-87 annot

Public works

Girard, Louis. La politique des travaux publics du second empire. Colin '52 p vii-xxxii

*Religion**See also*

Catholic church in France

Social life and customs

Evans, Joan. Life in medieval France. rev ed Phaidon '57 p241-4

Saunders, Edith. Age of Worth, couturier to the Empress Eugénie. Ind. univ. press '55 p211-13

Social policy

France. Service de l'aménagement national. *Bibliographie de l'aménagement du territoire national et régional*. The service '58 179p

FRANCE and Germany. See Germany and France

- FRANCES, José, 1883-**
 Frances, José. *El hombre y el río*. (Colección literaria: novelistas, dramaturgos, ensayistas, poetas) Aguilar '54 p 13-16
- FRANCESCHI, Camillo de, 1868-**
 Gentile, A. *Bibliografia degli scritti a stampa di Camillo de Franceschi*. (In Trieste. Università. Scritti in onore di Camillo de Franceschi. (Annali triestini, sup; Centro studi per la storia del risorgimento. Pubblicazioni, v 1) Editrice Univ. di Trieste '51 p21-31)
- FRANCIS of Assisi, Saint, 1182-1226**
 Francis of Assisi. *Little flowers of St Francis*; first complete ed, an entirely new version with 20 additional chapters; also *The considerations on the Holy stigmata*; *The life and sayings of Brother Giles*; *The life of Brother Juniper*; a modern English tr. from the Latin and the Italian with introd, notes, and biographical sketches by Raphael Brown [pseud] Doubleday '58 p351-7
Marrow of the Gospel; a study of the Rule of Saint Francis of Assisi, by the Franciscans of Germany; tr. and ed. by Ignatius Brady. *Franciscan herald* '58 p319-24 annot
- FRANCIS of Sales, Saint, 1567-1622**
 Brazier, V. and others. *Opere e scritti riguardanti San Francisco di Sales*; repertorio bibliog. 1623-1955. (Biblioteca del Salesianum 44) Soc. editrice internazionale '56 104p
- FRANCISCANS**
 Hallack, Cecily Rosemary, and Anson, Peter Frederick. *These made peace: studies in the lives of the beatified and canonized members of the Third order of St Francis of Assisi*; rev. and ed. by Marion A. Habig. St Anthony guild '57 p240-58
 Herscher, Irenaeus Joseph. *Franciscan literature; a prelim, check-list of Franciscan bks. and pamphlets for a proposed Franciscan union catalog*. St Bonaventure univ. '52 152p
- Periodicals
- Franciscan educational conference. *Library section. Franciscan periodicals. The section* '56 40p
- FRANCISCANS in Central America**
 Rios, Eduardo Enrique. *Life of fray Antonio Margil o.f.m.*; tr. and rev. by Benedict Leutenegger. Acad. of Am. Franciscan history '59 p 141-7
- FRANCISCANS in Mexico**
 Phelan, John Leddy. *Millennial kingdom of the Franciscans in the New world; a study of the writings of Gerónimo de Mendieta (1525-1604)*. (Calif. Univ. Pubs. in history, v52) Univ. of Calif. press '56 p 149-52
- FRANCISCO de Vitoria, 1486?-1546**
 Soder, Josef. *Die idee der völkergemeinschaft: Francisco de Vitoria und die philosophischen grundlagen des völkerrechts*. (Völkerrecht und politik, v4) Metzner '55 p vii-xiv
- FRANCK, Hans, 1879-**
 Franck, Hans. *Das herzgeschenk*; Hans Franck zum 75. geburtsstag 30. juli 1954; zusammenstellung: Heinz Grothe. Sponholtz '54 p41-9
- FRANCK, Sebastian, 1499-1542**
 Räber, Kuno. *Studien zur geschichtsbibel Sebastian Francks*. Helbing & Lichtenhahn '52 p91-3
- FRANCO-PROVENÇAL dialects**
 Hafner, Hans. *Grundzüge einer lautlehre des altfranko-provenzalischen*. (Romanica helvetica, v52) Francke '55 p xv-xxvii
- Dictionaries
- Dubois, R. and Lorient, R. *Complément à la bibliographie des dictionnaires patois de M. W. von Wartburg*. (In Dubois, Raymond. *Le domaine picard, délimitation et carte systématique dressée pour servir à l'inventaire général du picard et autres travaux de géographie linguistique*. Archives du Pas-de-Calais '57 p 159-67)
 Wartburg, Walther von. *Bibliographie des dictionnaires patois*. (Soc. de pubs. romanes et françaises. Pubs, 8) Droz '34 146p
 —Supplément, publié par Hans-Erich Keller avec la collaboration de Jean Renson. (Soc. de pubs. romanes et françaises. Pubs, 52) Droz '55 56p
- FRANCO-SPANISH war, 1635-1659**
 Sanabre Sanromá, José. *La acción de Francia en Cataluña en la pugna por la hegemonía de Europa, 1640-1659*. Real acad. de buenas letras de Barcelona '56 p ix-xvi
- FRANCONIA**
 Rössler, Hellmuth. *Fränkischer geist, deutsches schicksal; ideen, kräfte, gestalten in Franken, 1500-1800*. (Die Plassenburg; schriften für heimatkunde und kulturpflege in Ostfranken, v4) Baumann '53 incl bibliog
- FRANCONIAN emperors. See Germany—History—Franconian house, 1024-1125**
- FRANK, Waldo David, 1889-**
 Bittner, William Robert. *Novels of Waldo Frank*. Univ. of Pa. press '58 p217-18
- FRÄNKEL, Hermann Ferdinand, 1888-**
 Fränkel, Hermann Ferdinand. *Wege und formen frühgriechischen denkens; literarische und philosophiegeschichtliche studien*; hrsg. von Franz Tietze, Beck '55 p xviii-xx
- FRANKLIN, Benjamin, 1706-1790**
 Cohen, I. Bernard. *Franklin and Newton; an inquiry into speculative Newtonian experimental science and Franklin's work in electricity as an example thereof*. (Memoirs, v43) Am. philosophical soc. '56 p603-50
 Keyes, Nelson Beecher. *Ben Franklin; an affectionate portrait*. Hanover house '56 p299-300
 Pace, Antonio. *Benjamin Franklin and Italy*. (Memoirs, v47) Am. philosophical soc. '58 p413-39
 Virginia. University. Library. *Catalogue of exhibition on Benjamin Franklin, showing copies of his life written by himself (chiefly in the manner of the Spectator) together with pieces on printing, philosophy, science, diplomacy & politics; letters to & about Franklin and notes kept in his own hand, with portraits on view at the Univ. of Va, 20 June to 20 Aug. 1956*. The library '56 15p
- FRANKO, Ivan, 1856-1916**
 Winter, E. Ivan Franko—literaturbericht. Z Slawistik 2 no3:425-7 '57
- FRATERNAL societies. See Benefit societies**
- FRATERNITIES. See Secret societies**
- FRAUD**
See also
 Forgery
- FRECHETTE, Louis Honoré, 1839-1908**
 Kinck, George A. *Bibliographie: Louis Fréchet, prosateur*. The author '53 133-46p
- FREDERICK II, emperor of the Holy Roman empire, 1194-1250**
 Willemsen, Carl Arnold. *Kaiser Friedrichs II. triumphator zu Capua, ein denkmal hohenstaufischer kunst in Süditalien*. Inselverlag '53 p 105-7
- FREE Baptists**
 Baxter, Norman Allen. *History of the Free-will Baptists; a study in New England separatism*. Am. Baptist historical soc. '57 p 183-205
- FREE ports and zones**
 Thoman, Richard S. *Free ports and foreign-trade zones*. Cornell maritime '56 p 192-7
- FREE trade and protection**
 Great Britain. British information service. Reference division. *Freer trade in Europe*. (ID 1310) The division '58 p20-1
 Mid-west debate bureau. *Debate handbook*. *Free trade; resolved: that the United States should adopt a policy of free trade*. The bureau '53 p 103-78
See also
 European economic community
 Free ports and zones
- FREEDOM. See Liberty**
- FREEDOM of association**
 International labor office. *Freedom of association and the protection of the right to organise; a workers' education manual*. The office '59 p 141-6
- FREEDOM of the press**
 Buranelli, Vincent, ed. *Trial of Peter Zenger; with an introd. and notes*. N.Y. univ. press '57 p 147-50
 Carvalho, Oswaldo de. *Bibliografia de censura intelectual*. The author '56 32p
 Fliess, Peter J. *Freedom of the press in the German Republic, 1918-1933*. (La. state univ. studies. Social science ser, no4) La. state univ. press '55 p99-117
 Gill, John. *Tide without turning: Elijah P. Lovejoy and freedom of the press*. Beacon press '58 p241-9
 Martinides, L. *Pressefreiheit und presserecht*. Gazette 3 no4:297-8 '57

FREEDOM of the press—*Continued*

Zenger, Peter. Trial of Peter Zenger; ed. with an introd. and notes by Vincent Buranelli. N.Y. univ. press '57 p 147-50

See also

Censorship

Prohibited books

FREEMAN, Mary Eleanor Wilkins, 1852-1930

Foster, Edward. Mary E. Wilkins Freeman. Hendricks house '56 p210-22

FREEMASONS

Boyden, William Llewellyn. Bibliography of the writings of Albert Pike; ed. by Ray Baker Harris. centennial ed Supreme council 33°, Ancient & accepted Scottish rite of Freemasonry, Southern jurisdiction '57 109p

Deutsch, Morton. From whence came you? a tale of the early beginning of Free Masonry. Philosophical lib. '58 p233-4

Freemasons. Bayreuth. Grossloge zur sonne. Museum. Bibliothek. Katalog der Deutschen Freimaurer-bücherei in Bayreuth; zusammengestellt von Bernhard Beyer. Bauhütten-verlag '54 296p

Jones, Bernard Edward. Freemasons' guide and compendium; with a foreword by J. Heron Lepper. new & rev ed Harrap '56 p553-7

Whalen, William Joseph. Christianity and American freemasonry. Bruce pub. '58 p 185-7

FREEZE drying. *See* Drying

FREEZING. *See* Frost

FREIGHT and freightage

National research council. Maritime cargo transportation conference. Containerization in maritime transportation of general cargo; a partial bibliog. prepared by the Conference. Nov. 30, 1957. (Pub. 558) The council '57 25p

Taff, Charles Albert. Motor freight transportation bibliography; prepared for the ATA Nat. com. on education, 1958. Am. trucking assns. '58? 57p

United States, Department of defense. Freight traffic management at installations of the military departments prepared by the Military traffic service. The department '52 p 166-7

FREIGHT rates

Shearer, Henry K. Survey of the theory and regulatory aspects of freight rate discrimination; with special reference to Montana. (Regional study no 11) Bur. of business & economic research, Univ. of Mont. '59 p 85-8

FREMONT, John Charles, 1813-1890

Nevins, Allan. Frémont, pathmarker of the West. Longmans '55 p671-3

FRENCH CANADIAN fiction

Drolet, Antonio. Bibliographie du roman canadien-français, 1900-1950. Presses univ. de Laval '55 125p

FRENCH CANADIAN literature

British Columbia. University. Library. Check list of printed materials relating to French Canadian literature. Liste de référence d'imprimés relatifs à la littérature canadienne-française [by] Gérard Tougas. The library '58 93p

FRENCH CANADIANS

Garigue, Philip. Bibliographical introduction to the study of French Canada. Dept. of sociology & anthropology, McGill univ. '56 133p

Rioux, Marcel. Belle-Anse. (Bul. no 138; Sér. anthropologique, no37) Musée nat. du Canada '57 p 123-5

See also

Acadians

FRENCH drama

Grossvogel, David I. Self-conscious stage in modern French drama. Columbia univ. press '58 p335-64

FRENCH fiction

Peyre, Henri. Contemporary French novel. (Mary Flexner lectures, 1944) Oxford '55 p337-45

History & criticism

Turnell, Martin. Art of French fiction; Prevost, Stendhal, Zola, Maupassant, Gide, Mauriac, Proust. New directions '59 p376-8

Old French

Woledge, Brian. Bibliographie des romans et nouvelles en prose française antérieurs à 1500. (Soc. de pubs. romanes et françaises. Pubs. 42) Droz '54 180p

19th century

History and criticism

Giraud, Raymond. Unheroic hero in the novels of Stendhal, Balzac, and Flaubert. Rutgers univ. press '57 p225-35

FRENCH GUINEA

Abonnenc, Emile, and others. Bibliographie de la Guyane française; v 1, Ouvrages et articles de langue française concernant la Guyane et les territoires avoisinants. Larose '57 278p

FRENCH in North America

Beers, Henry Putney. French in North America; a bibliog. guide to French archives, reproductions, and research missions. La. state univ. press '57 p279-350

FRENCH in the United States

Hammond, William J. and Hammond, Margaret F. La Réunion, a French settlement in Texas. Royal pub. co. '58 p 147-50

FRENCH language

Gourmont, Remy de. Esthétique de la langue française; étude de R.-L. Wagner, note de Maurice Salliet. Mercure de France '55 p211-20

Grevisse, Maurice. Le bon usage, grammaire française avec des remarques sur la langue française d'aujourd'hui. 6th ed rev Duculot '55 p9-22

Sayce, Richard Anthony. Style in French prose; a method of analysis. Oxford '53 p 159-61

Wagner, Robert Léon. Introduction à la linguistique française. (Soc. de pubs. romanes et françaises. Pubs. 27) Librairie Giard '47 p59-139

—Supplément bibliographique, 1947-1953. (Soc. de pubs. romanes et françaises. Pubs. 47) Droz '55 71p

Dialects

Brocherel, Jules. Le patois et la langue française en vallée d'Aoste; avec une préf. de Guiseppe Vidossi. V. Attinger '52 p 185-9

Dictionaries

Dubois, R. and Lorient, R. Complément à la bibliographie des dictionnaires patois de M. W. von Wartburg. (In Dubois, Raymond. Le domaine picard, délimitation et carte systématique dressée pour servir à l'inventaire général du picard et autres travaux de géographie linguistique. Archives du Pas-de-Calais '57 p 159-67)

Wartburg, Walther von. Bibliographie des dictionnaires patois. (Soc. de pubs. romanes et françaises. Pubs. 8) Droz '34 146p

—Supplément, publié par Hans-Erich Keller avec la collaboration de Jean Renson. (Soc. de pubs. romanes et françaises. Pubs. 52) Droz '55 56p

Foreign words and phrases

Riederer, Victor. Der lexikalische einfluss des deutschen im spiegel der französischen presse zur zeit des zweiten weltkrieges. (Romanica helvetica, v56) Francke '55 p 177-81

Grammar

Alessio, Giovanni. Grammatica storica francese. (Collana di grammatiche storiche neolatine, 3) Leonardo da Vinci ed. '51-'55 2v v2, p383-6

Jaeggli, Adolphe. Le rôle de la préposition et de la locution prépositive dans les rapports abstraits en français moderne. (Romanica helvetica, v58) Francke '56 p 165-8

Sten, Holger. Les temps du verbe fini (indicatif) en français moderne. (Danske videnskabernes selskab, Copenhagen. Historisk-filologiske meddelelser, v33, no3) Munksgaard '52 p244-8

Phonetics

Warnant, Léon. La constitution phonique du mot wallon; étude fondée sur le parler d'Oreye (Hesbaye liégeoise) (Liège, Univ. Faculté de philosophie et lettres, Bibliothèque no 135) Les Belles lettres '56 p9-12

Pronunciation

Pleasants, Jeanne Marguerite (Vidon) Varney. Etudes sur le muet; timbre, durée, intensité, hauteur musicale. Klincksieck '56 p289-94

Study and teaching

French in the elementary classes: a bibliography. Education 75:625-7 Ap '55

FRENCH language—*Continued*

Syntax

Berthelon, Christiane (Schweizer). L'expression du haut degré en français contemporain; essai de syntaxe affective. (Romanica helvetica, v50) Francke '55 p 184-91

Old French

Hollyman, K. J. Le développement du vocabulaire féodal en France pendant le haut moyen âge; étude sémantique. (Soc. de pubs. romanes et françaises. Pubs, 58) Droz '57 p 171-88

Imbs, Paul. Les propositions temporelles en ancien français: la détermination du moment; contribution à l'étude du temps grammatical français. (Strasbourg, Univ. Faculté des lettres. Pubs, no 120) Les Belles lettres '56 p564-71

Keller, Hans Erich. Etude descriptive sur le vocabulaire de Wace. (Akad. der wissenschaften, Berlin. Inst. für romanische sprachwissenschaft. Veröffentlichungen, no7) Akademie-verlag '53 p387-93

FRENCH literature

Coulet et Faure, Paris. Surréalisme et poésie contemporaine; éd. originales sur grand papier; mss; exemplaires uniques; éd. originales et illustrées, romantiques et modernes; autographes-manuscrits. The firm '54 163p

Giraud, Jeanne. Manuel de bibliographie littéraire pour les XVI^e, XVII^e et XVIII^e siècles français, 1936-1945. Nizet '56 270p

Modern language association of America. French III. Bibliography of French seventeenth century studies, 1956[-1957] (No4-5) The association '56-'57 2v

See also

French Canadian literature

French drama

French fiction

French poetry

Haitian literature

Literature, Comparative—English and French

Literature, Comparative—French and German

History and criticism

Bibliographie littéraire, 1953[-1958] Revue d'histoire littéraire de la France '53-'59 6v also published in quarterly issues of the periodical

Drevet, Marguerite L. Bibliographie de la littérature française, 1940-1949; complément à la bibliographie de H. P. Thieme. Droz '54 644p

Hatzfeld, Helmut. Initiation à l'explication de textes français. 2d ed Hueber '57 p 191-6

Mason, Germaine. Concise survey of French literature. Philosophical lib. '59 p311-24

Neuf siècles de littérature française des origines à nos jours, par Emile Mireaux [et all sous la direction et avec une introd. de Emile Henriot, Delagrave '53 incl bibliog

Rassegna bibliografica. See numbers of Studi francesi

Translations from English

Smith, Thelma M. and Miner, Ward L. Transatlantic migration; the contemporary Am. novel in France. Duke univ. press '55 p217-45

Translations from Oriental literature

Senny, Jacqueline. Contributions à l'appréciation des valeurs culturelles de l'Orient: traductions françaises de littératures orientales. (Bibliographia belgica, 37) Comm. belge de bibliog. '58 299p

Translations into Czech

Pistorius, Jiří. Destin de la culture française dans une démocratie populaire; la présence française en Tchécoslovaquie, 1948-1956; étude et documents; préf. de Marc Blampain [sic] Iles d'or '57 p274-85

Translations into German

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Frankreich, ein bücherverzeichnis moderner französischer literatur [hrsg. nach einem manuskript von Wolfgang und Ilse Schumann, bearb. und ergänzt von Hans-Werner Baum] Verlag für buch- & bibliothekswesen '56 71p

Old French

History and criticism

Bossuat, Robert. Manuel bibliographique de la littérature française du moyen âge. (Bibliothèque elzévirienne, nouv. sér. Etudes et docs) Librairie d'Argences '51 638p

—Supplément (1949-1953) avec le concours de Jacques Monfrin. (Bibliothèque elzévirienne, nouv. sér. Etudes et docs) Librairie d'Argences '55 150p

Kükensheim, Louis, and Roussel, Henri. Guide de la littérature française du moyen âge. (Leidse romanistische reeks, III) Universitaire pers '57 214p

Rickard, Peter. Britain in medieval French literature, 1100-1500. Cambridge '56 p257-71

16th century

Schutz, Alexander Herman. Vernacular books in Parisian private libraries of the sixteenth century according to the notarial inventories. (N.C. Univ. Studies in the Romance languages and literatures, no25) Univ. of N.C. press '55 88p

History and criticism

Cabeen, David Clark. Critical bibliography of French literature; v2. The sixteenth century, ed. by Alexander H. Schutz. Syracuse univ. press '56 365p annot

17th century

History and criticism

Loos, E. Die französische literatur des 17. jahrhunderts; ein forschungsbbericht, 1937-1957. Deutsch Vierteljahrs Literaturw & Geistesgesch 32:448-69 J1 '58

Modern language association of America. French III. Bibliography of French seventeenth century studies, 1953[-1958] (No 1-6) The association '53-'58 6v

19th century

Drevet, Marguerite L. Bibliographie de la littérature française, 1940-1949; complément à la bibliographie de H. P. Thieme. Droz '54 644p

Revel, Bruno. L'Ottocento. La Goliardica '56 264p

History and criticism

Talvart, Hector, and Place, Joseph. Bibliographie des auteurs modernes de langue française, 1801-1951[-1801-1958] (V 11-14) Eds. de la Chronique des lettres françaises '52-'59 4v

20th century

Drevet, Marguerite L. Bibliographie de la littérature française 1940-1949; complément à la bibliographie de H.P. Thieme. Droz '54 644p

History and criticism

Arbour, Roméo. Henri Bergson et les lettres françaises. Corti '55 p433-46

Hatzfeld, Helmut. Trends & styles in twentieth century French literature. Catholic univ. of Am. press '57 p247-54

Talvart, Hector, and Place, Joseph. Bibliographie des auteurs modernes de langue française, 1801-1951[-1801-1958] (V 11-14) Eds. de la Chronique des lettres françaises '52-'59 4v

Belgian authors

Culot, Jean Marie. Bibliographie des écrivains français de Belgique, 1881-1950. (Acad. royale de langue et de littérature françaises de Belgique. Pubs) Palais des académies '58 304p

FRENCH poetry

Brussels. Palais des beaux-arts. Le mouvement symboliste; exposition organisée dans le cadre de l'Accord culturel franco-belge, 31 janvier-3 mars 1957. Ed. de la connaissance '57 139p

See also
Chansons de geste
Troubadours

History and criticism

Cornell, Kenneth. Post-symbolist period; French poetic currents, 1900-1920. (Yale Romanic studies, 2d ser, no6) Yale univ. press '58 p 171-4

Frey, John Andrew. Motif symbolism in the disciples of Mallarmé. (Catholic univ. of Am. Studies in Romance languages and literatures, v55) Catholic univ. of Am. press '57 p 148-55

FRENCH revolution. See France—History—Revolution

FRENCH-SPANISH war, 1635-1659. See Franco-Spanish war, 1635-1659

FRENCH WEST AFRICA

Thompson, Virginia McLean, and Adloff, Richard. French West Africa. Stanford univ. press '58 p599-614

Languages

Lavergne de Tressan, Michel de. Inventaire linguistique de l'Afrique occidentale française et du Togo. (Mémoires, no30) Inst. français d'Afrique noire '53 p25-45

FRESCO painting. See Mural painting and decoration

FRESH water biology

Aquatic life water quality criteria. Sewage & Ind Wastes 28:689-90 My '56

Marlier, Georges. La biologie d'un ruisseau de plaine; le Smohain. (Mémoire no 114) Inst. royal des sciences naturelles de Belgique '51 p95-6

Pierre, Franklin. Les conditions écologiques et le peuplement des vases d'eau douce. (Encyclopédie biogéographique et écologique, 6) Lechevalier '51 p97-102

Prophet, C. W. Seasonal variations and abundance of cladocera and copepoda and some physical-chemical conditions of the Fall and Verdigris rivers in Wilson and Montgomery counties, Kansas. Emporia St Res Stud 5:26-9 Mr '57

Rawson, D. S. Limnology in the North American arctic and subarctic. Arctic 7 no 3:211-12 '54

United States. Division of water pollution control. Selected biological references applicable to water treatment [by] William Marcus Ingram. The division '52 34p

United States. Public health service. Division of water pollution control. Selected biological references applicable to water treatment by William Marcus Ingram. The division '52 34p

Wallen, I. E. Some limnological considerations in the productivity of Oklahoma farm ponds. J Wildlife Mgt 19:460-2 O '55

See also

Aquariums

Fresh water fauna

Fresh water flora

FRESH water ecology

Armitage, K. B. Ecology of the riffle insects of the Firehole river, Wyoming. Ecology 39: 579-80 O '58

Blum, J. L. Ecology of river algae. Bot R 22:331-41 My '56

Douglas, B. Ecology of the attached diatoms and other algae in a small stony stream. J Ecol 46:321-2 Jl '58

Edmondson, W. T. Relation of photosynthesis by phytoplankton to light in lakes. Ecology 37:172-4 Ja '56

Edmondson, W. T. Seasonal life history of daphnia in an arctic lake. Ecology 36:454-5 Jl '55

Evans, J. H. Survival of freshwater algae during dry periods. J Ecol 46:167 Mr '58

Moyle, J. B. Relationships between the chemistry of Minnesota surface waters and wildlife management. J Wildlife Mgt 20:319-20 Jl '56

Parker, R. A. Some effects of thinning on a population of fishes. Ecology 39:315-17 Ap '58

Rao, C. B. On the distribution of algae in a group of six small ponds. J Ecol 41:70-1; 43:307-8 Ja '53, Ja '55

Reed, E. B. and Olive, J. R. Altitudinal distribution of some entomotraca in Colorado. Ecology 39:74 Ja '58

Round, F. E. Studies on bottom-living algae in some lakes of the English Lake district. J Ecol 45:148, 359-60, 664 Ap, Jl, N '57

Sloan, W. C. Distribution of aquatic insects in two Florida springs. Ecology 37:97-8 Ja '56

Snelling, B. Distribution of intertidal crabs in the Brisbane river. Australian J Marine & Freshwater Res 10:82-3 My '59

Verduin, J. Phytoplankton and turbidity in western Lake Erie. Ecology 35:561 O '54

Whitford, L. A. Communities of algae in the springs and spring streams of Florida. Ecology 37:442 Jl '56

FRESH water fauna

Pawłowski, Leszek Kazimierz. Wrotki (rotatoria) rzeki Grabi. (Prace, no50) Wydział 3, Łódzkie towarzystwo naukowe '58 p402-15

Segerstråle, Sven G. Freshwater amphipods, gammarus pulex (L.) and gammarus lacustris G. O. Sars, in Denmark and Fennoscandia; a contribution to the late- and postglacial immigration history of the aquatic fauna of northern Europe. (Commentationes biologicae, xv. 1) Finska vetenskaps-societeten '54 p86-91

See also

Aquariums

Insects, Aquatic

Mussels, Fresh water

Plankton

FRESH water flora

Gessner, Fritz. Hydrobotanik; die physiologischen Grundlagen der pflanzenverbreitung im wasser; v 1, Energiehaushalt. (Hochschulbücher für biologie, v3) Deutscher verlag der wissenschaften '55 p491-517

Grönblad, Rolf. Desmids from the United States, collected in 1947-1949 by Dr Hannah Croasdale and Dr Erwin T. Moul. (Commentationes biologicae, xv. 12) Finska vetenskaps-societeten '56 p36-8

See also

Diatoms

Plankton

FRETTING corrosion. See Corrosion and anti-corrosives

FREUD, Sigmund, 1856-1939

Abstracts related to the Freud centenary. Archives Crim Psychodyn 2:507-18 Spring '57

Jones, Ernest. Life and work of Sigmund Freud. Basic bks. '53-'57 3v incl bibliog

Sievers, Wieder David. Freud on Broadway; a history of psychoanalysis and the Am. drama. Hermitage '55 p455-61

FREUDIANISM. See Psychoanalysis

FRIARS

See also

Carmelites

FRICTION

Eckert, E. R. G. Engineering relations for heat transfer and friction in high-velocity laminar and turbulent boundary-layer flow over surfaces with constant pressure and temperature. Am Soc Mech Eng Trans 78: 1283 Ag '56

General electric company. Aircraft nuclear propulsion department. Brief literature survey relating temperature to boundary lubrication phenomena; prepared by A. D. Varanelli. (U.S. Atomic energy comm. TID 4500, 11th ed) The department '56 35p

Gough, V. E. Friction of rubber. Engineer 206:704, 743 O 31-N 7 '58

Minnesota. University. Department of mechanical engineering. Friction on snow and ice. (U.S. Army. Corps of engineers. Snow, ice and permafrost research establishment. SIRE rep. 17) The department '55 29p (at end)

See also

Bearings

Mechanical wear

FRIEDEL-Crafts reaction

Nelson, K. L. Friedel-Crafts acylations. Ind & Eng Chem 47:1940-3; 48:1686-94; 49:1573-6; 50:1423-5 S '55, S '56, S '57, S '58

FRIEDERICH, Heinz Friedrich

Friederichs, Heinz Friedrich. Meine schriften zu geschichte, genealogie und soziologie zum 31. Januar 1955 zusammengestellt. The author '55 30p

FRIEDLÄNDER, Max J. 1867-1958

Max, J. Friedländer, ter ere van zijn negentigste verjaardag, 5 juni 1957 (door E. Pannofsky, et al) Boucher '57 p46-50

FRIENDLY societies. See Benefit societies

FRIENDS, Society of

Articles in Quaker periodicals. See numbers of Friends historical association. Bulletin Comfort, William Wistar. Quaker persuasion yesterday, today, tomorrow; a handbk. for Friends and friends of the Friends; with an introd. by Richmond Pearson Miller. Gloeckner '56 p68-70

Davidson, Robert Laurensen Dashiell. War comes to Quaker Pennsylvania, 1682-1756. Temple univ. pubs. '57 p233-40

See also

Shakers

FRIENDS of the library

Stroud, M. Friends of the library: a bibliography. North Country Lib 1:11 Mr '58

FRIESLAND

Kalma, J. J. ed. Repertorium Frieslands verleden; overzicht van tijdschriftartikelen de Friese geschiedenis betreffende, in opdracht van het bestuur van het Fries genootschap van geschied-, oudheid- en taalkunde uitgegeven. Jongbloed '55 416p

FRINGE benefits. See Non-wage payments

FRINGS, Theodor, 1886-

Karg-Gasterstädt, Elisabeth, and Erben, Johannes, eds. Fragen und forschungen im bereich und umkreis der germanischen philologie; festgabe für Theodor Frings zum 70. geburtstag, 23. juli 1956. (Akad. der wissenschaften, Berlin. Inst. für deutsche sprache und literatur. Veröffentlichungen. 8) Akademie-verlag '56 p399-427

FROGHOPPERS

Wilson, H. A. and Dorsey, C. K. Studies on the composition and microbiology of insect spittle. Entom Soc Am Ann 50:406 J1 '57

FROGS

Cochran, Doris Mabel. Frogs of southeastern Brazil. (U.S. Nat. museum. Bul. 206) Smithsonian inst. '55 p387-409

London. Science museum. Science library. Frog farming. (Bibliog ser. no750) The library '57 1p

Martof, B. S. and Humphries, R. L. Geographic variation in the wood frog *Rana sylvatica*. Am Midl Natur 61:386-9 Ap '59

Stephenson, E. M. and Stephenson, N. G. Field observations on the New Zealand frog, *Leiopelma*. Fitzinger. Roy Soc N Z Trans 84:881-2 Ag '57

See also

Toads

FRONDE

Logié, Paul. La Fronde en Normandie. The author '51-'52 3v v3, p 171-202

FRONTIER and pioneer life

See also

Cowboys

Arizona

Schmitt, Jo Ann. Fighting editors; the story of eds. who faced six-shooters with pens and won. Naylor '53 p225-7

California

Margo, Elisabeth. Taming the forty-niner. Rinehart '55 p241-5

Colorado

Ellis, Amanda Mae. Strange, uncertain years; an informal account of life in 6 Colo. communities. Shoe string '59 p415-23

Kentucky

Rich, Josephine. Pioneer surgeon, Dr. Ephraim McDowell. Messner '59 p 185-6

South Dakota

Fatout, Paul. Ambrose Bierce and the Black hills. Univ. of Okla. press '56 p 170-4

Southwest

Shirely, Glenn. Six-gun and silver star. Univ. of N.Mex. press '55 p217-28

Texas

Jenkins, John Holland. Recollections of early Texas [his] memoirs ed. by John Holmes Jenkins; foreword by J. Frank Dobie. Univ. of Tex. press '58 p275-82

United States

Blair, Walter, and Meine, Franklin Julius, eds. Half horse, half alligator; the growth of the Mike Fink legend. Univ. of Chicago press '56 p281-9

California. University. University at Los Angeles. Library. Last frontiersman; an exhibit at the Library, June 3-30, 1957. The library '57 15p annot

Clark, Thomas Dionysius. Frontier America; the story of the westward movement. Scribner '59 p765-97

Tippy, Worth Marion. Frontier bishop; the life and times of Robert Richford Roberts. Abingdon '58 p202-4

Tryon, Warren Stenson, ed. Mirror for Americans; life and manners in the United States, 1790-1870, as recorded by Am. travelers. Univ. of Chicago press '52 3v v 3, p783-91

Wyman, Walker Demarquis, and Kroeber, Clifton B. eds. Frontier in perspective. Univ. of Wis. press '57 incl bibliog

See also

Pony express

Juvenile literature

Penfield, Thomas. Western sheriffs and marshals. (Il. true bks) Grosset '55 p 141-2

West

Bartholomew, Ed. Biographical album of Western gunfighters. Frontier press '58 1p (at end)

Beebe, Lucius Morris, and Clegg, Charles M. American West; the pictorial epic of a continent. Dutton '55 p508-11

Billington, Ray Allen. Far Western frontier, 1830-1860. (New Am. nation ser) Harper '56 p293-311 annot

Brown, Mark Herbert, and Felton, William Reid. Before barbed wire; L. A. Huffman, photographer on horseback. Holt '56 p237-40

Brown, Mark Herbert, and Felton, William Reid. Frontier years; L. A. Huffman, photographer of the plains. Holt '55 p259-61

Garst, Doris Shannon. William Bent and his Adobe empire. (Julian Messner shelf of biographies) Messner '57 p 183-6

Jahns, Pat. Frontier world of Doc Holliday; faro dealer from Dallas to Deadwood. Hastings house '57 p287-93

Miller, David E. Hole-in-the-rock; an epic in the colonization of the great Am. West. Univ. of Utah press '59 p223-6 annot

Miller, Helen Markley. Benjamin Bonneville, soldier-explorer, 1796-1878. Messner '57 p 186-7

O'Connor, Richard. Wild Bill Hickock. Doubleday '59 p279-82

Ottley, A. R. Pictorial albums—early western life. News Notes Calif Lib 50:598-600 O '55 annot

Parkhill, Forbes. Wildest of the West. 3d ed enl Sage '57 p289-93

Reinfeld, Fred. Trappers of the West. Crowell '57 p 149-50

Russell, Carl Parcher. Guns on the early frontiers; a history of firearms from colonial times through the years of the Western fur trade. Univ. of Calif. press '57 p357-81

Schmitt, Martin Ferdinand, and Brown, Dee. Settlers' West. Scribner '55 p253-8

Shirley, Glenn. Buckskin and spurs; a gallery of frontier rogues and heroes. Hastings house '58 p 185-91

Sollid, Roberta Beed. Calamity Jane; a study in historical criticism; correlated and ed. by Vivian A. Paladin; indexed by John Hakola. (Western press pub, no2) Historical soc. of Mont. '58 p 131-7

Van Every, Dale. Men of the western waters; a second look at the first Americans. Houghton '56 p231-6 annot

FRONTIERS. See Boundaries

FROST, Robert, 1874-

Thompson, Lawrence. Robert Frost. (Univ. of Minn. pamphlets on Am. writers, no2) Univ. of Minn. press '59 p42-3

FROST

McConica, Thomas Henry. Bibliography of ice and frost control; materials laboratory contract no. AF33 (616)-3156, project no. 7312. (WADC technical rep. 56-338) U.S. Wright air development center '58 2v

United States. Army. Corps of engineers. List of investigational reports and other publications of the Arctic construction and frost effects laboratory. New England div, Arctic construction & frost effects laboratory '54 1v

See also

Frozen ground

Plants, Effect of temperature on

FROST protection

Clendenin, John Donald. Frost-control practices and the prospective use of anthracite. (Information circ. 7714) U.S. Bur. of mines '55 p42-5

FROZEN ground

Black, R. F. Some problems in engineering geology caused by permafrost in the Arctic coastal plain, northern Alaska. Arctic 10 no4:239-40 '57

Cailleux, André, and Taylor, Gérald. Cyropédologie, étude des sols gelés. (Expéditions polaires françaises, 1948- Travaux, 4; Actualités scientifiques et industrielles, 1203) Hermann '54 p 135-216

Cook, Frank A. Selected bibliography on Canadian permafrost; annots. and abstracts. (Bibliog. ser. no20) Geographical branch, Canada. Dept. of mines & technical surveys '58 23p

Jumkila, Alfreds R. Frost penetration problem in highway engineering. Rutgers univ. press '55 p 155-7

FROZEN ground—Continued

- Linell, K. A. Discussion of airfields on permafrost. *Am Soc Civil Eng Proc* 83 [AT 1 no 1328]:31-3 '57
- Mackay, J. Ross. Subsurface organic layer associated with permafrost in the western Arctic. (Geographical paper, no 18) Geographical branch, Canada. Dept. of mines & technical surveys '58 p20-1
- National research council. Highway research board. Factors influencing ground freezing [papers] presented at the 35th annual meeting, Jan. 17-20, 1956. (Bul. 135) The board '56 incl bibliog
- National research council. Highway research board. Factors related to frost action in soils [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 111) The board '55 incl bibliog
- National research council. Highway research board. Fundamental and practical concepts of soil freezing [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 168) The board '57 incl bibliog
- Purdue university, Lafayette, Indiana. Engineering experiment station. Review of certain properties and problems of frozen ground, including permafrost, by Charles W. Lovell and Moreland Herrin. (SIPRE rep. 9) Snow, ice & permafrost research, establishment, Corps of engineers, U.S. Army '53 incl bibliog
- Schramm, J. R. Mechanism of frost heaving of tree seedlings. *Am Philos Soc Proc* 102: 349-50 Ag '58
- United States. Army. Corps of engineers. Permafrost reference bibliography by authors and by subjects; a draft, unedited. Arctic construction & frost effects laboratory, New England div. '53 195p

FROZEN peas. See Peas. Frozen

FROZEN semen. See Semen. Frozen

FROZEN soil. See Frozen ground

FRUIT

- Dame, C. and others. Influence of ripeness and the organic acids, sugars, and pectin of canned Bartlett pears. *Food Tech* 10:32-3 Ja '56
- Zielinski, Quentin Bliss. Modern systematic pomology. Brown '55 incl bibliog
- See also
- Citrus fruit
- Tropical fruit

Diseases and pests

- Anderson, Harry Warren. Diseases of fruit crops. (McGraw-Hill pubs. in the agricultural sciences) McGraw '56 incl bibliog
- Groves, A. B. Root diseases of deciduous fruit trees. *Bot R* 24:38-42 Ja '58
- Michelbacher, Abe Ezra, and others. Controlling melon insects and spider mites. (Calif. Agricultural experiment station. Bul. 749) Div. of agricultural sciences, Univ. of Calif. '55 p45-6
- Richards, Bert Lorin, and Cochran, Loyd Curtis. Virus and viruslike diseases of stone fruits in Utah: a handbk. for their identification and control. (Bul. 384) Utah agricultural experiment station, Utah state agricultural college; Horticultural crops research branch, Agricultural research service, U.S. Dept. of agriculture '5-? p 126-7
- Tomlinson, M. and Woodbridge, C. G. Evaluation of a colorimetric and ultraviolet absorption test for diagnosis of plant virus diseases as applied to stone and small fruits. *Can J Ag Sci* 35:123 Mr '55
- See also
- Brown rot
- Fruit flies
- Oriental fruit moth

Marketing

- Food and agriculture organization of the United Nations. Marketing fruit and vegetables. (FAO marketing guide no2) The organization '57 p 193-5

Storage

- Miller, E. V. Physiology of citrus fruits in storage. *Bot R* 24:57-9 Ja '58

FRUIT, Dried

- United States. Agricultural research service. Western utilization research and development division. Management handbook; to aid emergency expansion of dehydration facilities for vegetables and fruits; prepared at the request of Office of the quartermaster general, Dept. of the army. The division '59 p 163-87

FRUIT, Fossil

- Kirchheimer, Franz. Die laubgewächse der braunkohlenzeit; mit einem kritischen katalog ihrer früchte und samen. Knapp '57 p633-46

FRUIT culture

- Chandler, William Henry. Deciduous orchards. 3d rev ed Lea '57 incl bibliog
- Davis, L. D. Flowering and alternate bearing. *Am Soc Hort Sci Proc* 70:555-6 D '57
- Koch, L. W. and Patrick, Z. A. Peach replant problem in Ontario. *Can J Bot* 33:459-60, 486 S '55
- Löschnig, Josef, and Passecker, Fritz. Die marille (aprikose) und ihre kultur. Österreichischer agrarverlag '55 p357-9
- Marshall, James. Concentrate spraying in deciduous orchards. (Pub. 1020) Entomology div, Science service, Canada. Dept. of agriculture '58 p44-7
- Shoemaker, James Sheldon. Small-fruit culture; a text for instruction and reference work and a guide for field practice. 3d ed McGraw '55 p410-41
- Shoemaker, James Sheldon, and Teskey, Benjamin J. E. Tree fruit production. Wiley '59 p411-43
- Sturrock, David. Fruits for southern Florida. Southeastern ptg. co. '59 p 185-7
- Teubner, Frederick Griffith, and Murneek, Andrew Edward. Embryo abortion as mechanism of hormone thinning of fruit. (Research bul. 590) Agricultural experiment station, College of agriculture, Univ. of Mo. '55 p67-79
- United States. Superintendent of documents. Plants. (Price list 44, 51st ed) U.S. Gov. ptg. office '59 18p
- Wagnon, H. K. and others. Use of foliar gland characters in the identification of peach and nectarine varieties in California. *Calif Dept Ag Bul* 48:31 Ja '59
- See also

Grafting

Nurseries (horticulture)

Hawaii

- Miller, Carey Dunlap, and others. Fruits of Hawaii; description, nutritive value, and use. 2d ed Univ. of Hawaii press '55 p 195-6

FRUIT flies

- Frick, Kenneth Eugene, and others. Bionomics of the cherry fruit flies in eastern Washington. (Technical bul. 13) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p63-6
- Messenger, P. S. and Flitters, N. E. Effect of constant temperature environments on the egg stage of three species of Hawaiian fruit flies. *Entom Soc Am Ann* 51:118-19 Mr '58

FRUIT juices

- Purko, M. and others. Bacteriological flora in frozen and chilled orange juice. *Food Res* 21:587-8 S '56

FRUIT juices, Frozen

- Vaughn, R. H. and Murdock, D. I. Sanitary significance of microorganisms in frozen citrus products. *Am J Pub Health* 46:893-4 Jl '56
- Vaughn, R. H. and others. Microorganisms of significance in frozen citrus products. *Food Tech* 11:94-5 F '57
- Wenzel, F. W. and Moore, E. L. Characteristics of concentrates made from different varieties of citrus fruits. *Food Tech* 9:295-6 Je '55

FRUIT products

- Cruess, W. V. Utilization of fruits in food products. *Food Tech* 9:425-6 S '55

FRUIT trees

- Beakbane, A. B. and Rogers, W. S. Relative importance of stem and root in determining rootstock influence in apples. *J Hort Sci* 31: 109-10 Ap '56
- Benson, N. R. and others. Effects of levels of nitrogen and pruning on Starking and Golden Delicious apples. *Am Soc Hort Sci Proc* 70:38-9 D '57

FRUSTRATION (psychology)

- Amsel, A. Role of frustrative nonreward in noncontinuous reward situations. *Psychol Bul* 55:117-19 Mr '58
- Lawson, P. R. and Marx, M. H. Frustration: theory and experiment. (In Genetic psychology monographs, v57. Journal press '58 p453-64)
- Maier, N. R. F. Frustration theory: restatement and extension. *Psychol R* 63:387-8 N '56

- FRYCZ-MODRZEWSKI, Andrzej, ca 1503-1572 Schramm, G. *Modrevius-forschungen. Jahrb Gesch Osteurop* ns6 no3:352-73 '58
- FUČÍK, Julius, 1903-1943 Kniha, Prague. Julius Fučík, 23. II. 1903-8. IX. 1943; bibliografie. The firm '54 23p
- FUEL**
Abstracts. See numbers of British coal utilisation research association. Monthly bulletin
Darby, H. T. and Ode, W. H. Solid and gaseous fuels. *Anal Chem* 27:670-1; 29:667-9; 31:704-6 Ap '55, Ap '57, Ap '59
Great Britain. Department of scientific and industrial research. Fuel abstracts. The department. See numbers
Haber, L. F. United Kingdom fuel and power. *Inst Fuel J* 30:76-7 F '57
London. Science museum. Science library. Fuel injection with special reference to Diesel engines, 1939-1955. (Bibliog. ser. no751) The library '57 4p
Popovich, Milosh Nicholas, and Hering, Carl. Fuels and lubricants. Wiley '59 incl bibliog
Recent developments and notes. See numbers of Fuel
United nations. Economic commission for Europe. Efficient use of fuels; bibliog. index, prepared by the Industry division. United nations '55 1v
United States. Army. Ordnance corps. Bibliography of fuel stability. The corps '5-? 125p
See also
Briquets (fuel)
Charcoal
Coal
Gas as fuel
Lignite
Liquid fuels
Motor fuels
Nuclear reactors—Fuel
Oil fuel
Rockets (aeronautics)—Fuel
Wood as fuel
- FUEL supply**
Gumz, W. Fuel and power resources of Germany and their utilization. *Inst Fuel J* 28: 410-11 Ag '55
- FUGGER family**
Lieb, Norbert. Die Fugger und die kunst im zeitalter der spätgotik und frühen renaissance; mit einem exkurs: Die bildhauer der Fugger-kapelle bei St Anna zu Augsburg; stilkritische bemerkungen zu Sebastian Loscher und Hans Daucher, von Karl Feuchtmayr. (Akad. der wissenschaften, Munich. Kommission für bayerische landesgeschichte. Schwäbische forschungsgemeinschaft. Veröffentlichungen, ser4, v 1) Schnell & Steiner '52 p297-306
- FUGUE**
Dickinson, Alan Edgar Frederic. Bach's fugal works; with an account of fugue before and after Bach. Pitman '56 p257-61 annot
Mann, Alfred. Study of fugue. Rutgers univ. press '58 p327-32
- FULAH language**
Labouret, Henri. La langue des Peuls ou Foulbé; lexique français-peul. (Mémoires, no41) *Inst. français d'Afrique noire* '55 p 11-16
Labouret, Henri. La langue des Peuls ou Foulbé. (Mémoires, no 16) *Inst. français d'Afrique noire* '52 p ix-xi
- FULBE language**. See Fulah language
- FULLER, Margaret**. See Ossoli, S. M. F. d'
- FUMARIACEAE**
Ryberg, Måns. Taxonomical survey of the genus *corydalis* Ventenat with reference to cultivated species. (Svenska vetenskapsakademien, Stockholm. Trädgård Bergielund. Acta horti bergiani, v 17, no5) *Almqvist* '55 p 167-73
- FUMES**
National research council. Highway research board. Selected bibliographies on vehicle noise and fumes. (Bibliog. 22) Com. on vehicle characteristics '58 10p
See also
Flue gas
- FUMIGATION**
Cotton, Richard Thomas. Pests of stored grain and grain products. rev ed Burgess '56 incl bibliog
See also
Insecticides
- FUNCTIONAL analysis**
Hille, Einar, and Phillips, Ralph Saul. Functional analysis and semi-groups, rev ed (Colloquium pubs, v31) *Am. mathematical soc.* '57 p781-96
- LeCam, Lucien. Convergence in distribution of stochastic processes. (Calif. Univ. Pubs. in statistics, v2, no 11) *Univ. of Calif. press* '57 p235-6
Taylor, Angus Ellis. Introduction to functional analysis. Wiley '58 p407-12
- FUNCTIONAL equations**
See also
Programming (mathematics)
- FUNCTIONS**
Bergman, S. On zero and pole surfaces of functions of two complex variables. *Am Math Soc Trans* 77:452-4 N '54
Bers, L. Outline of the theory of pseudo-analytic functions. *Am Math Soc Bul* 62: 327-31 JI '56
Fuglede, B. Extremal length and functional completion. *Acta Math* 98 no3-4:218-19 '57
Grauert, H. On Levi's problem and the imbedding of real-analytic manifolds. *Ann Math* 68:471-2 S '58
Hayman, Walter Kurt. Multivalent functions. (Cambridge tracts in mathematics and mathematical physics, no48) *Cambridge* '58 p 145-7
Hille, Einar. Analytic function theory. (Introductions to higher mathematics) Ginn '59 incl bibliog
Huber, A. On subharmonic functions and differential geometry in the large. *Commentarii Math Helvetici* 32:71-2 '57
Jenkins, J. A. Univalent functions and conformal mapping. *Ergeb Math* ns no 18:160-7 '58
Kung, S. Contribution to the theory of Schlicht functions: the coefficient problem. *Scientia Sinica* 4:373 S '55
Leja, Franciszek. Teoria funkcji analitycznych. (Biblioteka matematyczna, v 14) Państwowe wydawn. naukowe '57 p542-6
McShane, Edward James, and Botts, Truman Arthur. Real analysis. (Univ. ser. in undergraduate mathematics) Van Nostrand '59 p261-2
Nevanlinna, Rolf Herman. Uniformisierung. (Grundlehren der mathematischen wissenschaften in einzeldarstellungen, v64) *Springer* '53 p385-7
Riesz, Frigyes, and Nagy, Béla S. Leçons d'analyse fonctionnelle. *Akadémiai kiadó* '53 p41-9
—Same, with title: Functional analysis; tr. from the 2d French ed. by Leo F. Boron. *Ungar* '55 p447-56
See also
Convergence
Harmonic functions
Riemann surfaces
- FUNCTIONS, Algebraic**
Isbell, J. R. Algebras of uniformly continuous functions. *Ann Math* 68:124-5 JI '58
- FUNCTIONS, Elliptic**
See also
Functions of complex variables
- FUNCTIONS, Hypergeometric**
Nørlund, N. E. Hypergeometric functions. *Acta Math* 94:347-9 '55
- FUNCTIONS, Integral**
Cartwright, Mary Lucy. Integral functions. (Cambridge tracts in mathematics and mathematical physics, no44) *Cambridge* '56 p 129-31
- FUNCTIONS of complex variables**
Grauert, H. and Remmert, R. Konvexität in der komplexen analysis. *Commentarii Math Helvetici* 31:182-3 '57
Kaplan, Wilfred, ed. Lectures on functions of a complex variable; with the assistance of Maxwell O. Read and Gail S. Young. *Univ. of Mich. press* '55 incl bibliog
- FUNCTIONS of real variables**
See also
Functions of complex variables
- FUND raising**
Church, David M. Philanthropic fund-raising as a profession. (Vocational and professional monographs, no88) *Bellman* '57 p28-30
Fellows, Margaret M. and Koenig, Stella Akulin. Tested methods of raising money for churches, colleges, and health and welfare agencies. *Harper* '59 p454-8
- FUNDAMENTAL education**
T sien, L. Selected readings on community education. (In National society for the study of education. Community education; principles and practices from world-wide experience; ed. by Nelson B. Henry. (Yearbk. 58, pt 1) The society '59 p405-9) annot
- FUNERAL rites and ceremonies**
Bowman, Leroy. American funeral; a study in guilt, extravagance, and sublimity; intro. by Harry A. Overstreet. *Public affairs press* '59 p 176-9

FUNERAL sermons

Tiedemann, Manfred von. Katalog der leichenpredigtensammlung der Niedersächsischen staats- und universitätsbibliothek in Göttingen; mit einem vorwort von Wilhelm Wegener. Reise '54-'55 3v

FUNGAL spores

McCallan, S. E. A. and others. Comparative effect of fungicides on oxygen uptake and germination of spores. Boyce Thompson Inst Contrib 18:67-8 O '54

Smoot, J. J. and others. Production and germination of oospores of phytophthora infestans. Phytopathology 48:171 Mr '58

FUNGI

Ainsworth, Geoffrey Clough, and Bisby, Guy Richard. Dictionary of the fungi. 4th ed Commonwealth mycological inst. '54 incl bibliog

Backus, M. P. and Stauffer, J. F. Production and selection of a family of strains in penicillium chrysogenum. Mycologia 47:460-3 J1 '55

Barr, E. Species of sooty molds from western North America. Can J Bot 33:514 S '55

Bibliography of systematic mycology, 1950-51 [-1958] Commonwealth mycological inst. '52-'59 7v

Bisby, Guy Richard. Introduction to the taxonomy and nomenclature of fungi. 2d ed Commonwealth mycological inst. '53 p 133-5

Bistis, G. Studies on the genetics of ascobolus stercorarius (Bull.) Schröt. Torrey Bot Club Bul 83:60-1 Ja '56

British mycological society. Foray committee. Guide to the literature for the identification of British fungi. H. K. Lewis '52 15p

Cejp, Karel. Houby; celostátní vysokoškolská učebnice. Nakl. Československé akad. věd. '51-'53 2v v2, p282-376

Foley, J. M. Occurrence, characteristics and genetic behavior of albino gametophytes in allomyces. Am J Bot 45:647-8 O '58

Gray, William Dudley. Relation of fungi to human affairs. Holt '59 incl bibliog

Hawker, L. E. Hypogaeous fungi. Cambridge Philos Soc Biol R 30:154-8 My '55

Keitt, G. W. and Boone, D. M. Induction and inheritance of mutant characters in venturia inaequalis in relation to its pathogenicity. Phytopathology 44:369-70 J1 '54

Lamey, H. A. and others. Venturia inaequalis (Cke.) Wint. Am J Bot 43:834, 838 D '56

Lentz, Paul Lewis. Stereum and allied genera of fungi in the upper Mississippi valley. (U.S. Dept. of agriculture. Agriculture monograph no24) U.S. Gov. ptg. office '55 p61-7

Martin, G. W. Are fungi plants? Mycologia 47:790-2 N '55

Morandi, Luigi, and Baldacci, Elio. I funghi: vita, storia, leggende. Garzanti '54 p597-614

Neilson, N. E. Presence of aconitase and aconitic hydrolase in aspergillus niger. J Bact 71:361 Mr '56

Subramanian, C. V. and Ramakrishnan, K. List of Indian fungi, 1952-1956. Madras Univ J secB 26:382-98 Ag '56

Suryanarayanan, S. Growth factor requirements of piricularia spp. and sclerotium oryzae. Ind Acad Sci Proc secB 48:186-8 O '58

Tapke, V. F. Physiologic races in ustilago nuda and techniques for their study. Phytopathology 45:78 F '55

Verna, Luis C. and Herrero, Federico J. Micología, morfología, biología, experimentación; sus aplicaciones a la medicina y a la industria. Editorial El Ateneo '52 p699-724

Webster, J. Succession of fungi on decaying cockfoot culms. J Ecol 45:29-30 Ap '57

See also

Actinomycetes
Ascomycetes
Aspergillus
Bacteriology
Chytridium
Cryptococcus
Dermatophytes
Fusarium
Gasteromycetes
Growth regulating substances (fungi)
Helminthosporium
Lichens
Mildew
Molds (botany)
Mushrooms
Mutation (fungi)

Myzomycetes
Neurospora
Penicillium
Peronospora
Phycomycetes
Polyporaceae
Soil fungi
Sordariaceae
Synchytrium
Wood destroying fungi
Yeast

Chemical composition

Owens, R. G. and others. Composition of conidia of neurospora sitophila. Boyce Thompson Inst Contrib 19:371-4 Ap '58

Classification

Avery, R. J. and Blank, F. On the chemical composition of the cell walls of the actinomycetales and its relation to their systematic position. Can J Microbiol 1:143 O '54

Bandoni, R. J. Preliminary survey of the genus platygloea. Mycologia 48:839-40 N '56

Gilbertson, R. L. Genus poria in the central Rocky Mountains and Pacific Northwest. Lloydia 19:84-5 Je '56

Hesseltine, C. W. Genus syzygites (mucoraceae). Lloydia 20:236-7 D '57

Hesseltine, C. W. and Fennell, D. I. Genus circinella. Mycologia 47:210-12 Mr '55

Hunt, J. Taxonomy of the genus ceratocystis. Lloydia 19:55-8 Mr '56

Johnson, Terry Walter. Genus achlya: morphology and taxonomy. (Mich. Univ. Studies. Scientific ser, v20) Univ. of Mich. press '56 p 119-31

Karling, J. S. Host reaction, host-parasite relationship, hosts, and taxonomic criteria in synchytrium. Mycologia 46:311-13 My '54

Kuehn, H. H. Preliminary survey of the gymnosporaceae. Mycologia 50:436-9 My '58

Löve, A. and Sarkar, N. Cytotaxonomy and sex determination of rumex paucifolius. Can J Bot 34:267-8 Mr '56

Luttrell, E. S. Ascostromatic ascomycetes. Mycologia 47:530-2 J1 '55

Luttrell, E. S. Taxonomic revision of helminthosporium sativum and related species. Am J Bot 42:67-8 Ja '55

Mains, E. B. Relationship of cudoniella and helotium. Mycologia 48:418-19 My '56

Nobles, M. K. Cultural characters as a guide to the taxonomy and phylogeny of the polyporaceae. Can J Bot 36:922-4 N '58

Olive, L. S. Lower basidiomycetes of Tahiti. Torrey Bot Club Bul 85:109-10 Mr '58

Parmelee, J. A. Some foliicolous fungi of the pyrolaceae. Can J Bot 36:831 N '58

Savile, D. B. O. Phylogeny of the basidiomycetes. Can J Bot 33:103-4 Ja '55

Shaffer, R. L. Volvariella in North America. Mycologia 49:578-9 J1 '57

Cultures and culture media

Grimm, P. W. and Allen, P. J. Promotion by zinc of the formation of cytochromes in ustilago sphaerogena. Plant Physiol 29:376-7 J1 '54

Pine, L. Studies on the growth of histoplasma capsulatum. J Bact 68:678-9 D '54

Plunkett, B. E. Influence of factors of the aeration complex and light upon fruit-body form in pure cultures of an agaric and polypore. Ann Bot 20:534-5 O '56

Development

Bandoni, R. J. Preliminary survey of the genus platygloea. Mycologia 48:839-40 N '56

Barr, M. E. Life history studies of mycosphaerella tassiana and M. typhae. Mycologia 50:511-13 J1 '58

Campbell, T. H. and others. Cytological studies on penicillium chrysogenum Thom. Torrey Bot Club Bul 83:105-6 Mr '56

Hesseltine, C. W. and Anderson, P. Two genera of molds with low temperature growth requirements. Torrey Bot Club Bul 84:44-5 Ja '57

Lingappa, B. T. Cytology of development and germination of resting spores of synchytrium brownii. Am J Bot 45:620 O '58

Lingappa, B. T. Development and cytology of the evanescent proso of synchytrium brownii. Karling. Am J Bot 45:122-3 F '58

Madelin, M. F. Studies on the nutrition of coprinus lagopus Fr. especially as affecting fruiting. Ann Bot 20:329-30 Ap '56

Mehra, P. N. New suggestion on the origin of thallus in the marchantiales. Am J Bot 44:513, 581 Je-J1 '57

FUNGI—Development—Continued

- O'Hern, E. M. and Henry, B. S. Cytological study of coccidioides immitis by electron microscopy. *J Bact* 72:645 N '56
- Raper, K. B. Factors affecting growth and differentiation in simple slime molds. *Mycologia* 48:203-5 Mr '56
- Rosinski, M. A. Development of the ascocarp of anthracobia melaloma. *Mycologia* 48:532-3 Jl '56
- Tylutki, E. E. Some aspects of morphology, genetics, and cultural behavior of *Gelasinospora calospora* var. *autosteiira*. *Mycologia* 50:354-6 My '58
- Yarwood, C. E. Powdery mildews. *Bot R* 23: 278-93 Ap '57

Ecology

- Brown, J. C. Soil fungi of some British sand dunes in relation to soil type and succession. *J Ecol* 46:661-3 N '58

Nutrition

- Boone, D. M. and others. *Venturia inaequalis* (Cke.) Wint. *Am J Bot* 44:795-6, 803 N '57
- Georg, L. K. and Camp, L. B. Routine nutritional tests for the identification of dermatophytes. *J Bact* 74:121 Ag '57
- Giese, A. C. and others. Effect of nutritional state and other conditions on ultraviolet resistance and photoreactivation in yeast. *J Bact* 74:278-9 S '57
- Madelin, M. F. Studies on the nutrition of *Coprinus lagopus* Fr. especially as affecting fruiting. *Ann Bot* 20:329-30 Ap '56
- Taber, W. A. and Vining, L. C. Nutritional study of three strains of *Claviceps purpurea* (Fr) Tul. *Can J Microbiol* 3:11-12 F '57

Physiology

- Cantino, E. C. Physiology and phylogeny in the water molds—a reevaluation. *Q R Biol* 30:148-9 Je '55
- Cherewick, W. J. Cereal smut races and their variability. *Can J Plant Sci* 38:489 O '58
- Cochrane, Vincent W. Physiology of fungi. Wiley '58 incl bibliog
- Hawker, Lillian E. Physiology of reproduction in fungi. (Cambridge monographs in experimental biology, no6) Cambridge '57 p 107-23
- Jennison, M. W. and others. Physiology of the wood-rotting basidiomycetes. *Mycologia* 47:302-4 My '55; *Ap Microbiol* 5:94-5 Mr '57
- Sussman, A. S. Physiological and genetic adaptability in the fungi. *Mycologia* 49:40-3 Ja '57

See also

Metabolism (fungi)

Respiration

- Bonner, B. A. and Machlis, L. Respiration of the mycelia and mitochondria of the filamentous watermold, *allomyces macrogynus*. *Plant Physiol* 32:300-1 Jl '57

FUNGI, Coprophilous

- Cain, R. F. Studies of coprophilous ascomycetes. *Can J Bot* 34:684, 695, 705; 35:130-1 Jl '56, Ja '57

FUNGI, Effect of humidity on

- Delp, C. J. Effect of temperature and humidity on the grape powdery mildew fungus. *Phytopathology* 44:625-6 N '54

FUNGI, Effect of hydrogen ion concentration on

- Naguib, K. pH factor in the metabolism of *fusarium moniliforme* Sheldon on sucrose. *Can J Bot* 36:62-3 Ja '58

FUNGI, Effect of light on

- Plunkett, B. E. Influence of factors of the aeration complex and light upon fruit-body form in pure cultures of an agaric and a polypore. *Ann Bot* 20:584-5 O '56
- Riedhart, J. M. and Porter, C. L. Studies of a unique pigment complex and a photo-biological reaction in *penicillium herquei*. *Mycologia* 50:400-2 My '58

FUNGI, Effect of minerals on

- Mandels, M. and Reese, E. T. Induction of cellulase in *trichoderma viride* as influenced by carbon sources and metals. *J Bact* 73: 277-8 F '57
- Starkey, R. L. Relations of micronutrients to development of microorganisms. *Soil Sci* 79:11-14 Ja '55

FUNGI, Effect of nitrogen on

- Hackaylo, J. and others. Growth of fungi on three sources of nitrogen. *Mycologia* 46:700-1 N '54

FUNGI, Effect of selenium on

- Weissman, G. S. and Trelease, S. F. Influence of sulfur on the toxicity of selenium to *aspergillus*. *Am J Bot* 42:495 Je '55

FUNGI, Effect of sugars on

- Mandels, M. and Reese, E. T. Induction of cellulase in *trichoderma viride* as influenced by carbon sources and metals. *J Bact* 73: 277-8 F '57

- Wilson, E. M. and Lilly, V. G. Utilization of oligosaccharides by some species of *ceratocystis*. *Mycologia* 50:388-9 My '58

FUNGI, Effect of sulfur on

- Weissman, G. S. and Trelease, S. F. Influence of sulfur on the toxicity of selenium to *aspergillus*. *Am J Bot* 42:495 Je '55

FUNGI, Effect of temperature on

- Delp, C. J. Effect of temperature and humidity on the grape powdery mildew fungus. *Phytopathology* 44:625-6 N '54

- Hesseltine, C. W. and Anderson, P. Two genera of molds with low temperature growth requirements. *Torrey Bot Club Bul* 84:44-5 Ja '57

FUNGI, Effect of ultraviolet rays on

- Giese, A. C. and others. Effect of nutritional state and other conditions on ultraviolet resistance and photoreactivation in yeast. *J Bact* 74:278-9 S '58

FUNGI, Effect of X rays on

- Gunter, S. E. and Kohn, H. I. Effect of X-rays on the survival of bacteria and yeast. *J Bact* 71:580-1 My '56

- Spoerl, E. and Looney, D. Phosphorus metabolism in yeast accompanying an inhibition of cell division by X-rays. *J Bact* 76:68-9 Jl '58

FUNGI, Effect of zinc on

- Grimm, P. W. and Allen, P. J. Promotion by zinc of the formation of cytochromes in *ustilago sphaerogena*. *Plant Physiol* 29:376-7 Jl '54

FUNGI, Entomogenous

- MacLeod, D. M. Investigations on the genera *beauveria*, *Vuill.* and *tritrichium* Limber. *Can J Bot* 32:384-90 N '54

- Mains, E. B. North American entomogenous species of *cordyceps*. *Mycologia* 50:220-2 Mr '58

FUNGI, Pathogenic

- Baer, R. L. and others. Newer studies on the epidemiology of fungous infections of the feet. *Am J Pub Health* 45:790 Je '55

- Barron, C. N. *Cryptococcosis* in animals. *Am Vet Med Assn J* 127:131-2 Ag '55

- Bergman, Sven. In vitro studies on antimycotics; a comparison between different methods. (*Acta pathologica et microbiologica scandinavica*, sup 104) Munksgaard '55 p 129-30

- California. University. University at Los Angeles. School of medicine and medical extension. Therapy of fungus diseases; an int. symposium, presented June 23, 24, 25, 1955, by the Div. of dermatology. Dept. of medicine; ed. by Thomas H. Sternberg and Victor D. Newcomer. Little '55 incl bibliog

- Chute, Harold Leroy, and O'Meara, D. C. Bibliography of avian mycosis (partially annotated) (Misc. pub. 631) Maine. Agricultural experiment station '57 51p

- Ciferri, Raffaele, and Redaelli, Piero. *Bibliographia mycopathologica*. 1800-1940. (Contributi alla Biblioteca bibliog. italiana, 18, 20) Sansoni '58 2v

- Garrett, Stephen Denis. Biology of root-infecting fungi. Cambridge '56 p253-84

- Georg, L. K. Studies on trichophyton tonsurans. *Mycologia* 48:80-2 Ja '56

See also

Favus
Medical mycology

FUNGI, Predatory

- Duddington, Charles Lionel. Friendly fungi; a new approach to the eelworm problem. *Macmillan* '57 p 180-3

- Duddington, C. L. Fungi that attack microscopic animals. *Bot R* 21:434-9 Jl '55

- Duddington, C. L. Predacious fungi: zoopagales and moniliales. Cambridge Philos Soc Biol R 31:186-93 My '56

FUNGI, Saprophytic

- Park, D. Saprophytic status of *fusarium oxysporum* Schl. causing vascular wilt of oil palm. *Ann Bot* 22:34-5 Ja '58

FUNGI, Sex in

- Olive, L. S. On the evolution of heterothallism in fungi. *Am Natur* 92:250-1 Jl '58

FUNGI, Zoopagaceous. See Fungi, Predatory

FUNGII in agriculture

- Campbell, W. P. Influence of associated microorganisms on the pathogenicity of *helminthosporium sativum*. *Can J Bot* 34: 873-4 N '56
- Cash, E. K. and Watson, A. J. Some fungi on orchidaceae. *Mycologia* 47:745-7 S '55
- Christensen, C. M. Deterioration of stored grains by fungi. *Bot R* 23:131-4 F '57
- Crossan, Donald Franklin. Cercospora leaf-spot of crucifers. (Technical bul. no 109) N.C. agricultural experiment station '54 p22-3
- Crowdy, S. H. and others. Control of certain plant diseases with sulphonamides. *Ann Ap Biol* 46:157-8 Je '58
- Elarosi, H. Fungal associations. *Ann Bot* 21: 567, 584-5; 22:415-16 O '57, J1 '58
- Ellett, C. W. Parasitic fungi of Ohio plants. *Ohio J Sci* 57:241-2 J1 '57
- Garrett, Stephen Denis. Biology of root-infecting fungi. Cambridge '56 p253-84
- Garrett, S. D. Century of root-disease investigation. *Ann Ap Biol* 42:218-19 F '55
- Kahn, R. P. and Libby, J. L. Effect of environmental factors and plant age on the infection of rice by the blast fungus, *pyricularia oryzae*. *Phytopathology* 48:29-30 Ja '58
- Krstic, M. Prospects of application of biological control in forest pathology. *Bot R* 22: 43-4 Ja '56
- McDonald, W. C. Distribution and pathogenicity of the fungi associated with crown and root rotting of alfalfa in Manitoba. *Can J Ag Sci* 35:320-1 My '55
- Orlito, F. T. Leaf spot of maize caused by *helminthosporium maydis*. *Philippine Ag* 36: 373-5 D '52
- Pelletier, E. Neil, and Hilborn, Merle Tyson. Blossom and twig blight of low-bush blueberries. (Bul. 529) Me. agricultural experiment station, Univ. of Me. '54 p25-7
- Pine, T. S. Etiology of the dead-arm disease of grapevines. *Phytopathology* 48:196 Ap '58
- Purdy, L. H. Broader concept of the species *sclerotinia sclerotiorum* based on variability. *Phytopathology* 45:427 Ag '55
- Purss, G. S. Stem rot: a disease of cowpeas caused by an undescribed species of *phytophthora*. *Queensland J Ag Sci* 13:153-4 S '57
- Roistacher, C. N. and others. Hot-water treatment of gladiolus cormels for the eradication of *fusarium oxysporum* F. gladioli. *Hilgardia* 26 no 17:683-4 S '57
- Vaartaja, O. and Cram, W. H. Damping-off pathogens of conifers and of caragana in Saskatchewan. *Phytopathology* 46:396-7 J1 '56
- Volk, R. J. and others. Silicon content of the rice plant as a factor influencing its resistance to infection by the blast fungus, *pyricularia oryzae*. *Phytopathology* 48:183-4 Ap '58
- Wilkinson, E. H. Fungal rots of apples with special reference to *gloeosporium* spp. *Ann Ap Biol* 41:357-8 Je '54
- Wood, R. K. S. and Tveit, M. Control of plant diseases by use of antagonistic organisms. *Bot R* 21:483-92 O '55
- Young, D. A. Fungus-like structure in potato tubers and potato tissue cultures. *Am Potato J* 35:594-5 J1 '58
- See also
Brown rot
Root rot
Rusts
Smuts
- Color
See Color of fungi
- Physiology
See also
Metabolism (fungi)
- FUNGICIDES**
Byrde, R. J. W. and others. Fungicidal activity and chemical constitution. *Ann Ap Biol* 46:176-7 Je '58
- Callbeck, L. C. Progress report on the effect of zinc as a constituent of potato fungicides. *Am Potato J* 31:348 N '54
- Fawcett, C. H. and others. Investigations on fungicides. *Ann Ap Biol* 43:567-8; 45:175-6; 46:660-1 D '55, Mr '57, D '58
- Horsfall, James Gordon. Principles of fungicidal action. (New ser. of plant science, v30) *Chronica botanica* '56 p233-60
- Leben, C. and others. *Venturia inaequalis* (Cke) Wint. *Phytopathology* 45:471-2 S '55
- McCallan, S. E. A. and others. Comparative effect of fungicides on oxygen uptake and germination of spores. *Boyce Thompson Inst Contrib* 18:67-8 O '54
- Martin, Hubert. Scientific principles of crop protection. 4th ed St Martins '59 incl bibliog
- Mollenhauer, R. and Smith, C. B. Tomato plant absorption and translocation of manganese and zinc from dithiocarbamate fungicide sprays. *Am Soc Hort Sci Proc* 63:302-3 '54
- Zaunmeyer, William John, and Thomas, Herbert Rex. Monographic study of bean diseases and methods for their control. (U.S. Dept. of agriculture. Technical bul. no868) U.S. Gov. ptg. office '57 p 192-255
- See also
Spraying and dusting
- FUNGUS diseases.** See Fungi, Pathogenic; Medical mycology
- FUNK, Casimir, 1884-**
Harrow, Benjamin. Casimir Funk; pioneer in vitamins and hormones. *Dodd* '55 p 189-200
- FUR**
Dressing and dyeing
Masner, Liboslav. Vydělavání a barvení kožíšin; podle sovětských a jiných pramenů. Statní nakl. technické literatury '54 p467-78
- FUR bearing animals**
Stains, Howard J. and Baker, Rollin H. Furbearers in Kansas: a guide to trapping. (Misc. pub. no 18) Museum of natural history. Univ of Kan; State biological survey '58 p96-100
- See also
Muskrats
- FUR dressing.** See Fur—Dressing and dyeing
- FUR trade**
Fuchs, Victor Robert. Economics of the fur industry. (Columbia studies in the social sciences, no593) Columbia univ. press '57 p 159-64
- Vetterli, W. A. and others. *Fur. Ciba R* no 114:30 Ap '56
- See also
Hudson's Bay company
- Northwest, Pacific
Wike, J. Problems in fur trade analysis: the northwest coast. *Am Anthropol* 60:1098-1101 D '58
- FURNACES**
Günther, Rudolf. Glass-melting tank furnaces; tr. from the German by John Currie; with a foreword by W. E. S. Turner. Soc. of glass technology '58 incl bibliog
- See also
Electric furnaces
Solar furnaces
- FURNACES, Open hearth.** See Open hearth furnaces
- FURNITURE**
Gloag, John. Georgian grace; a social history of design from 1660-1830. *Black* '56 p384
- Karpel, B. Idea of design; a suggestive bibliography. *New Furn* 3:153-73 '55
- Ormsbee, Thomas Hamilton. Early American furniture makers; a social and biographical study. *Archer house* '57 p 179-81
- See also
Library furniture and equipment
- History
Yarwood, Doreen (Cawthra). English home; a thousand years of furnishing and decoration. *Scribner* '56 p376-81
- FURNITURE, American**
Bjerkoe, Ethel Hall, and Bjerkoe, John Arthur. Cabinetmakers of America; foreword by Russell Kettell. *Doubleday* '57 p249-52
- Iverson, Marion Day. American chair, 1630-1890. *Hastings house* '57 p231-2
- Newark museum association. Newark. New Jersey. Early furniture made in New Jersey, 1690-1870; an exhibition, Oct. 10, 1958-Jan. 11, 1959. Newark museum '58 p37-9
- FURNITURE industry and trade**
Davis, Kenneth Rexton. Furniture marketing; product, price and promotional policies of manufacturers. (N.C. Univ. Studies in business adm, v2) Univ. of N.C. press '57 p216-19

FURPHY, Joseph, 1843-1912

Stone, Walter W. Joseph Furphy; an annot. bibliog, together with a checklist of short stories, articles, and paragraphs, to which is added a sel. list of critical and biographical material. (Studies in Australian bibliog, no2) The author? '55 25p

FURTWÄNGLER, Wilhelm, 1886-1954

Hürlimann, Martin, ed. Wilhelm Furtwängler im urteil seiner zeit [hrsg. im einverständnis mit Frau Elisabeth Furtwängler] Atlantis '55 p289-292

FUSARIC acid

Gäumann, E. Fusaric acid as a wilt toxin. Phytopathology 47:355-7 Je '57

FUSARIUM

Forsberg, Junius Leonhard. Fusarium disease of gladiolus: its causal agent. (Bul. v26, article 6) Ill. Natural history survey '55 p501-3

Gothoskar, S. S. and others. Role of enzymes in the development of fusarium wilt of tomato. Phytopathology 45:386-7 J1 '55

Lakshminarayanan, K. Physiology of host-parasite relationships in the fusarium wilt of cotton. Ind Acad Sci Proc SerB 44:322-4 D '56

Park, D. Saprophytic status of fusarium oxysporum Schl. causing vascular wilt of oil palm. Ann Bot 22:34-5 Ja '58

Reid, J. Studies on the fusaria which cause wilt in melons. Can J Bot 36:409-10, 536-7 My-J1 '58

Rishbeth, J. Fusarium wilt of bananas in Jamaica. Ann Bot 19:327-8; 21:243-5, 608-9 J1 '55, Ap. O '57

Stover, R. H. Studies on fusarium wilt of bananas. Can J Bot 34:942; 36:323-4, 453 N '56, My-J1 '58

Waggoner, P. E. and Dimond, A. E. Production and role of extracellular pectic enzymes of fusarium oxysporum f. lycopersici. Phytopathology 45:86-7 F '55

FUSEL oil

Brau, Herminio M. Review on the origin and composition of fusel oil. (Technical paper 17) Agricultural experiment station, Univ. of Puerto Rico '57 p24-30

FUSION, Nuclear. See Nuclear fusion**FUSTEL DE COULANGES, Numa Denis, 1830-1889**

Herrick, Jane. Historical thought of Fustel de Coulanges. Catholic univ. of Am. press '54 p 123-37

FUSULINIDAE

Bostwick, D. A. Stratigraphy of the Wood River formation, south-central Idaho. J Paleont 29:950-1 N '55

Smyth, P. Fusulinids from the Pennsylvanian rocks of Ohio. Ohio J Sci 57:282-3 S '57

Thompson, M. L. and others. Early Pennsylvanian fusulinids and ostracods of the Illinois basin. J Paleont 33:781, 792 S '59

FUTURE life

See also
Eschatology
Millennium
Salvation
Spiritualism

FUTURISM

Falqui, Enrico. Bibliografia e iconografia del futurismo. (Contributi alla Biblioteca bibliog. italiana, no21) Sansoni '59 239p

FUTURISM (art)

Falqui, Enrico. Bibliografia e iconografia del futurismo. (Contributi alla Biblioteca bibliog. italiana, no21) Sansoni '59 239p

G**GABO, Naum, 1890-**

Gabo, Naum. Gabo: construction, sculpture, paintings, drawings and engravings; with introd. essays by Herbert Read and Leslie Martin [bibliog. by B. Karpell] Harvard univ. press '57 p 187-93

GAETANO. See Vio, T. de**GAGES**

See also
Strain gages

GALACTOSE

Pierce, W. A. Glucose and galactose metabolism in streptococcus pyogenes. J Bact 74:192-3 Ag '57

GALACTOSIDASE

Rotman, B. Regulation of enzymatic activity in the intact cell: the β -D-galactosidase of escherichia coli. J Bact 76:13-14 J1 '58

GALAPAGOS islands

Eibl-Eibesfeldt, Irenäus. Survey on the Galapagos islands. (Missions reps, 8) UNESCO '59 p27

GALATA, Guglielmo, 1882-

Galatà, Guglielmo. L'etiologia spirochetica dell'infezione reumatica: presupposti etionologici, risultati terapeutici, risultati microbiologici. The author '53 p 181-3

GALATIANS, Epistle to. See Bible. New Testament—Galatians**GALAXY. See Milky way****GALBRAITH, Vivian Hunter, 1889-**

Bishop, Terence Alan Martyn, and Chaplais, Pierre, eds. Facsimiles of English royal writs to A.D. 1100, presented to Vivian Hunter Galbraith. Oxford '57 p63-8

GALICIA, Spain

Bibliografía de Galicia. Cuadernos Estud Gallegos 7 no23:427-96; 8 no26:441-93; 9 no29:411-70; 10 no32:439-82; 11 no35:457-516; 12 no38:341-77; 13 no41:359-94 '52-'53
Fraguas Fraguas, Antonio. Geografía de Galicia. (Colección galaica; manuales) Porto '53 p462-72

López, Atanasio. La imprenta en Galicia, siglos XV-XVIII. Biblioteca nacional '53 289p annot

History**Sources**

Spain. Archivo histórico nacional, Madrid. Documentos reales de la edad media referentes a Galicia; catálogo de los conservados en la Sección de clero del Archivo [por] Luis Sánchez Belda. (Spain. Ministerio de educación nacional. Pubs. de educación nacional, no 14) Dirección general de archivos y bibliotecas '53 663p

GALILEI, Galileo, 1564-1642

Drake, S. Galileo gleanings. Isis 49:409-13 D '58 annot

Giampaolo, principe Rocco di Torrepadula. Biblioteca galileiana raccolta dal Principe Giampaolo Rocco di Torrepadula [di] Dino Cinto. (Contributi alla biblioteca bibliografica italiana, v 15) Sansoni '57 393p

GALL bladder**Radiography**

Hornykiewytsch, T. Intravenöse cholangiographie: grundlagen, technik, ergebnisse; mit einem geleitwort von R. Janker und einem vorwort von H. Bohn. Thieme '56 p 140-54

GALL ducts. See Bile ducts**GALL flies**

Weld, Lewis Hart. Cynipid galls of the Pacific slope (hymenoptera, cynipoidea) an aid to their identification. The author '57 p9-27

GALLARDO, Bartolomé José, 1776-1852

Rodríguez Moñino, Antonio R. Don Bartolomé José Gallardo, 1776-1852; estudio bibliográfico. Sancha '55 362p

GALLAS

Huntingford, George Wynn Brereton. Galla of Ethiopia: the kingdoms of Kafa and Janjero. (Ethnographic survey of Africa: North-eastern Africa, pt2) Int. Africa inst. '55 p90-7

GALLATIN, Albert, 1761-1849

Walters, Raymond. Albert Gallatin; Jeffersonian financier and diplomat. Macmillan '57 p435-46

GALLEGAN literature

Simón Díaz, José. Bibliografía de la literatura hispánica; dirección y prólogo de Joaquín de Entrambasaguas. Consejo superior de investigaciones científicas, Inst. Miguel de Cervantes de filología hispánica '50-'55 4v

History and criticism

Carballo Calero, Ricardo. Aportaciones a la literatura gallega contemporánea. (Biblioteca románica hispánica. 2. Estudios y ensayos, 25) Gredos '55 p217-23

Varela Jácome, Benito. Historia de la literatura gallega. (Colección galaica, Manuales) Porto '51 p441-9

GALLEGOS, Rómulo, 1884-

Dunham, Lowell. Rómulo Gallegos, vida y obra [traducción del inglés de Gonzalo Barrios y Ricardo Montilla] (Colección Studium, 15) Ediciones de Andrea '57 p301-27

- GALLI, Romeo**
Mancini, F. Contributo ad una bibliografia inolese; gli scritti editi ed inediti di Romeo Galli. Galeati '55 43p
- GALLIUM**
Burton, J. D. and others. Abundances of gallium and germanium in terrestrial materials. *Geochimica & Cosmochimica Acta* 16:163-70 My '59
La Eretèque, Pierre de. Etudes sur le gallium en vue de son extraction au cours de la fabrication de l'alumine. Impr. vaudoise '56 p77-134
- GALLO, Alfonso, 1890-1952**
Miscellanea di scritti vari in memoria di Alfonso Gallo. Oltschki '56 p 1-38
- GALLO-ROMAN pottery.** See Pottery. Gallo-Roman
- GALLS (botany)**
Weld, Lewis Hart. Cynipid galls of the Pacific slope (hymenoptera, cynipoidea) an aid to their identification. The author '57 p9-27
See also
Crown gall
Tumors, Plant
- GALSWORTHY, John, 1867-1933**
Mottram, Ralph Hale. John Galsworthy. (Bibliog. ser. of sups. to British bk. news. no38) Longmans '53 p37-40
- GAMBLING**
See also
Horse racing
- GAME and game birds**
Hones, Ralph F. and Winter, Kenneth B. Diseases of wildlife in Wyoming, for those interested in the diseases and parasites of the wild animal. (Bul. 9) Wyo. Game & fish comm. '56 incl bibliog
North American wildlife conference. Transactions of the 21st-24th conference, 1956[1959] Am. wildlife inst. '56-'59 4v incl bibliog
Scheuermann, William F. Annotated bibliography of research in economically important species of California fish and game, compiled pursuant to House resolution no 124, 1957. (Assembly interim comm. reps. 1957-1959, v5, no5) Assembly of the state of Calif. '58 271p
United States. Fish and wildlife service. Distribution and status of waterfowl in the Missouri River basin. (Mo. River basin studies) The service '57 p 116-36
See also
Grouse
- GAME protection**
Neal, Harry Edward. Nature's guardians; your career in conservation. Messner '56 p 175-9
North American wildlife conference. Transactions of the 21st-24th conference, 1956[1959] Am. wildlife inst. '56-'59 4v incl bibliog
- GAMES**
Béart, Charles. Jeux et jouets de l'Ouest africain. (Mémoires, no42) Inst. français d'Afrique noire '55 2v v2, p347-66
Eisenberg, Helen, and Eisenberg, Larry. Omnibus of fun. Assn. press '56 p601-11 annot
Hye-Kerkdal, K. Tika, an old mystery game in the Pacific. *Polynesian Soc J* 64:223-6 Je '55
Kuhn, H. W. and Tucker, A. W. John von Neumann's work in the theory of games and mathematical economics. *Am Math Soc Bul* 64:120-2 My '58
New York (city). Board of education. Physical activities for elementary schools; a manual of physical activities in the health education program. (Curriculum bul. 1956-57 ser. no9) The board '58 p248-50
Sebok, Thomas Albert, and Brewster, Paul G. Studies in Cheremis: games. (Studies in Cheremis, v6; Ind. Univ. Pubs. Folklore ser. no 11) Ind. univ. press '58 p99-123
Smith, Charles Frederick. Games and game leadership; with a chapter by Elbert K. Fretwell. Dodd '54 p624-9 annot
Tedford, Jack. Giant book of family fun and games. Watts '58 p552-5
See also
Badminton (game)
Baseball
Basket ball
Bowling
Chess
Football
Soccer
Softball
Speedball
Tennis
- GAMES, Theory of**
Kuhn, Harold William, and Tucker, Albert William, eds. Linear inequalities and related systems [by] G. B. Dantzig [and others] (Annals of mathematics studies, no38) Princeton univ. press '56 p305-22
Luce, R. Duncan, and Raiffa, Howard. Games and decisions; a study of the Behavioral models project. Bur. of applied social research, Columbia university. Wiley '57 p485-99
Shubik, Martin. Strategy and market structure; competition, oligopoly, and the theory of games. Wiley '59 p371-8
See also
Decision making
- GAMETOPHYTES**
See also
Apogamy
- GAMIO, Manuel, 1883-Mexico (city).** Universidad nacional. Estudios antropológicos publicados en homenaje al doctor Manuel Gamio. Dirección general de publicaciones '56 p21-6
- GAMMA globulin**
International children's centre, Paris. Les gamma-globulines et la médecine des enfants; séminaire organisé à Paris du 2 au 4 déc. 1954 par le Centre; textes établis sous la direction du docteur Raymond Gautier. (Travaux & docs, 9) The center '55 incl bibliog
- GAMMA rays**
Nuclear development corporation of America. White Plains, New York. Attenuation of gamma rays and neutrons in reactor shields [by] Herbert Goldstein; prepared for Div. of reactor development, U.S. Atomic energy commission. U.S. Gov. pts. office '57 incl bibliog
Rumiantsev, S. V. and Grigorowitsch, Iu. A. Prüfung metallischer werkstoffe mit gammastrahlen (übers. aus dem russischen: Franz Schörner) deutsche bearbeitung: Günter Freyer. Verlag Technik '57 p268-75
Industrial applications
National research council. Highway research board. Gamma ray measurement of pavement density and bridge research program (AASHO road test) [papers] presented at the 37th annual meeting. Jan. 6-10, 1958. (Special rep. 38) The board '58 p 12-15, 43
Physiological effect
See also
Plants, Effect of gamma rays on
- GANA, Alberto Blest.** See Blest Gana, A.
- GANDHI, Mohandas Karamchand, 1869-1948**
Gandhi, Mohandas Karamchand. Gandhi reader; a source bk. of his life and writings; ed. by Homer A. Jack. Ind. univ. press '56 p519-26 annot
Nanda, Bal Ram. Mahatma Gandhi; a biography. Beacon '58 p524-9
Sharma, Jagdish Saran. Mahatma Gandhi; a descriptive bibliography; foreword by U. N. Dhebar. (Nat. bibliogs, no 1) Chand '55 565p
Sheean, Vincent. Mahatma Gandhi; a great life in brief. (Great lives in brief; a new ser. in biographies) Knopf '55 p201-4 annot
Unnithan, Thottamon Kantan Kesavan Narayanan. Gandhi and free India; a socio-economic study; with a foreword by B. Landheer. Lounz '56 p248-58
- GANGRENE**
See also
Necrosis
- GANGS**
Bloch, Herbert Aaron, and Niederhoffer, Arthur. Gang; a study in adolescent behavior. Philosophical lib. '58 p221-7
- GARCÍA DE VILLALTA, José, 1801-1846**
Torre Pintueles, Elías. La vida y la obra de José García de Villalta. (Colección Tesis y estudios) Eds. Acies '59 p 165-70
- GARCÍA GRANADOS, Rafael, 1893-1956**
Dibble, C. E. Rafael García Granados, 1893-1956. Hispan Am Hist R 36:383-4 Ag '56
- GARCÍA LORCA, Federico, 1899-1936**
Babín, María Teresa. El mundo poético de Federico García Lorca. Biblioteca de autores puertorriqueños '54 p301-13
Nourissier, François. F. García Lorca, dramaturge. (Les grands dramaturges, 3) L'Arche '55 p 15-19
- GARDEN farming.** See Truck farming

GARDENING

Alpine garden society. Library. Catalogue; a descriptive list of bks, pamphlets and other docs. available to members of the Society; comp. and ed. by K. G. Lazenby. 3d ed The society '55 24p

Georgia. Division of instructional materials and library services. Gardens and library; a sel. list of materials found useful in Georgia libraries. The division '56 14p

Library association. County libraries section. Gardening. 2d ed (Readers' guide, new ser. no50) The section '59 36p

Manks, D. S. Latest news in garden books. Lib J 83:1492-6 My 15 '58

National book league. Selected books on gardening. The league '57 21p annot

Rockwell, Frederick Frye, and others, eds. 10,000 garden questions; answered by 20 experts. new rev ed Doubleday '59 p 1309-17

Wright, Sally. Gardening: a new world for children. Macmillan '57 p 167-9 annot

See also

Forest nurseries

Fruit culture

Greenhouses

Horticulture

Landscape gardening

Nurseries (horticulture)

Vegetable gardening

Weeds

GARDENS

Fairbrother, Nan. Men and gardens. Knopf '56 p269-71

Germany

Johannes, Egon. Entwicklung, funktionswandel und bedeutung städtischer kleingärten, dargestellt am beispiel der städte Kiel, Hamburg und Bremen. (Schriften, v 15, no3) Geographisches inst. Kiel. Univ. '55 p78-9

Japan

Engel, David Harris. Japanese gardens for today; with a foreword by Richard Neutra. Tuttle '59 p265-6

Yoshida, Tetsirō. Der japanische garten. Wasmuth '57 p 186

—Same; with title: Gardens of Japan; tr. from the German by Marcus G. Sims. Praeger '57 p 186

Poland

Ciolek, Gerard. Ogrody polskie; v 1. Przemiany treści i formy Budownictwo i architektura '54 p293-301

GARFIELD, James Abram, 1831-1881

Davis, Hazel H. General Jim. Bethany press '58 p 192

GARLAND, Hamlin, 1860-1940

Pizer, D. Hamlin Garland: a bibliography of newspaper and periodical publications (1885-1895) Bul Bibliog 22:41-4 Ja '57

GARNET

Oliver, R. L. Origin of garnets in the Borrowdale volcanic series and associated rocks, English Lake district. Geol Mag 93:137-9 Mr '56

GAS

Chicago. Institute of gas technology. Gas abstracts. The institute. See numbers

Wright, Gordon Henry. Industrial utilization of gas. (Special subject lists, no8) Lib. assn. '56 13p

Analysis

See Gases—Analysis

Rates

See Gas rates

GAS. Natural

Abstracts. See numbers of Institute of petroleum. Journal

Chicago. Institute of gas technology. Gas abstracts. The institute. See numbers

Jillson, Willard Rouse. Bibliography on the geology of oil and gas in Kentucky; bks, pamphlets, reps, articles, technical papers and state maps, 1829-1956. Roberts print. co. '56 35p

Katz, Donald La Verne, and others. Handbook of natural gas engineering. (McGraw-Hill ser. in chemical engineering) McGraw '59 p767-93

MacAndrew, R. Natural gas utilization; a sel. bibliog. of recent literature references. (T.I.S. rep. no53) Technical information service, Nat. research council, Canada '57 18p

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Odšávání zemních plynů a jejich hospodářské využití; sest. Jaroslav Rydl. (Pub. Ser 2, no 180) The library '55 37p

United States. Bureau of mines. Selected list of publications on petroleum, natural gas, and helium. Petroleum experiment station '52 125p

Wallach, Kate. List of materials on oil and gas in the Louisiana state university libraries; for the exclusive use of participants in the Inst. on mineral law, Feb. 13 and 14, 1953. La. state univ. '53 68p

—Oil and gas bibliography supplement, 1953-1954; comp. by Kate Wallach and Dell Scholz; for the participants in the Inst. on mineral law, Feb. 11 and 12, 1955. Law lib, La. state univ. '55 38p

Walters, R. F. Differential entrapment of oil and gas in Arbuckle dolomite of central Kansas. Am Assn Pet Geol Bul 42:2172-3 S '58

Condensate wells

Natural gasoline association of America. Condensate well corrosion, by the NGAA condensate well corrosion committee; ed. com: F. A. Prange [and others] The association '53 incl bibliog

Conditioning

McGurl, G. V. and Lusby, O. W. Bibliography on gas conditioning; presented at Chemical, engineering and manufactured gas production conference, New York, N.Y., May 23-25, 1955. Am. gas assn. '55 68p annot

Van der Pyl, Lyman M. Bibliography on gas conditioning; presented at A.G.A. chemical, engineering and manufactured gas production conference, May 16-18, 1956, Philadelphia, Pennsylvania. Am. gas assn. '56 18p annot

Geology

Karfsev, A. A. and others. Geochemical methods of prospecting and exploration for petroleum and natural gas; English tr. ed. by Paul A. Witherspoon and William D. Romey. Univ. of Calif. press '59 incl bibliog

Liquefaction

Lederman, P. B. and Williams, B. Commercial liquefaction of natural gas? Oil & Gas J 55:102 S 30 '57

Lederman, P. B. and Williams, B. Economics of gas liquefaction. Gas Age 120:47 N 14 '57

Odorizing

Coryell, R. L. Annotated bibliography of gas odorization; presented at A.G.A. chemical, engineering and manufactured gas production conference, May 16-18, 1956, Philadelphia, Pennsylvania. Am. gas assn. '56 3p annot

GAS and oil engines. See Internal combustion engines

GAS appliances

Hampel, Thomas E. and Stone, R. L. Literature review and design studies of gas appliance venting systems. (Research bul. 68) Am. gas assn. laboratories '55 p231-7

GAS as fuel

Darby, H. T. and Ode, W. H. Solid and gaseous fuels. Anal Chem 27:670-1; 29:667-9; 31:704-6 Ap '55, Ap '57, Ap '59

Great Britain. Department of scientific and industrial research. Fuel abstracts. The department. See numbers

Schab, S. W. Bibliography of a decade of research on oil-ash corrosion by heavy fuels (1948-1958) Am Soc Naval Eng J 70:761-71 N '58 annot

Shnidman, Louis, ed. Gaseous fuels: properties, behavior, and utilization. 2d ed rev corr & enl Am. gas assn. '54 incl bibliog

Weil, S. A. and others. Fundamentals of combustion of gaseous fuels; a critical literature review. (Research bul. 15) Inst. of gas technology '57 p58-63

GAS chromatography

International gas chromatography symposium. 1st, Michigan state university, 1957. Gas chromatography; a symposium held under the auspices of the Analysis instrumentation div. of the Instrument soc. of Am. Aug. 1957; ed. by Vincent J. Coates [and others] Academic press '58 p287-313

GAS chromatography—Continued

- Keulemans, Aloysius Ignatius Marie. Gas chromatography; ed. by C. G. Verver; with a foreword by A. J. P. Martin. Reinhold '57 incl bibliog
- Same. 2d ed Reinhold '59 incl bibliog
- Pecsek, Robert L. ed. Principles and practice of gas chromatography; contributors: C. M. Drew [and others] Wiley '59 p 153-222
- United States. Bureau of mines. Bibliography on gas chromatography and some related methods, prepared by Joan Juneau. Petroleum experiment station '56 60p
- Zahn, Charles Thomas, and Langer, Stanley H. Bibliography on gas chromatography. (Information circ. 7856) U.S. Bur. of mines '58 40p

GAS distribution

- Anuskiewicz, Michael. Methods to prevent overpressure in distribution systems; a task group report. Am. gas assn. '55? p35-6

GAS engineering

- Bibliography of technical presentations before gas associations, 1954-1955. Am Gas J 132:130+ N 15 '55

GAS flow

- Bers, Lipman. Mathematical aspects of subsonic and transonic gas dynamics. (Surveys in applied mathematics, 3) Wiley '58 p 140-59
- Cambel, Ali Bulent, and Jennings, Burgess H. Gas dynamics. (McGraw-Hill ser. in mechanical engineering) McGraw '58 incl bibliog
- Emmons, Howard Wilson. ed. Fundamentals of gas dynamics. (High speed aerodynamics and jet propulsion, v3) Princeton univ. press '58 incl bibliog
- Patterson, Gordon Neil. Molecular flow of gases. Wiley '56 incl bibliog
- Physical measurements in gas dynamics and combustion; ed. [by] R. W. Ladenburg [and others] (High speed aerodynamics and jet propulsion, v9) Princeton univ. press '54 incl bibliog
- Rudinger, George. Wave diagrams for non-steady flow in ducts. Van Nostrand '55 p219-26

GAS manufacture and works

- Abstracts. See numbers of British coal utilisation research association. Monthly bulletin
- Journal des usines à gaz. Aide-mémoire de l'industrie du gaz, 1953. 2d ed rev & enl The journal '53 p415-55

See also

Coal gasification

GAS meters

- American gas association. Operating section. Metering subcommittee. Bibliography of gas meters and metering; presented at Distribution, motor vehicles and corrosion conference, Apr. 12-15, 1955, Cincinnati, Ohio. Am gas assn. '55? 37p

GAS ranges. See Gas stoves**GAS rates**

- American gas association. Report of Subcommittee on accelerated processing of rate changes. The association '57 p48-52

GAS storage

- Stone and Webster engineering corporation. Gas storage at the point of use; project PT-24. Gas operations research com, Am. gas assn. '57 p i-xxiii

GAS stoves

- Hammaker, Forrest G. Heat application to commercial range heavy-duty top sections; pt 1. Open top ranges. (Research rep. no 1239) Am. gas assn. laboratories '55 p44

GAS turbines

- Ellerbrook, H. H. Investigation of heat transfer, flow, and heat exchangers as related to turbine cooling. Am Soc Mech Eng Trans serC 81:82-5 F '59
- Esgar, J. B. and others. Research on application of cooling to gas turbines. Am Soc Mech Eng Trans 79:650-1 Ap '57
- Grootenhuis, P. Mechanism and application of effusion cooling. Roy Aero Soc J 63:88-9 F '59
- Hammond, W. E. Selected references on gas turbines, regenerative cycles, rotary regenerators, and associated heat-exchange and pressure-drop information. Am Soc Mech Eng Trans serC 81:77-8 F '59

- Hodge, James. Cycles and performance estimation. (Gas turbine ser. v 1) Academic press '55 incl bibliog

Maybach, Gunter W. Film vaporization combustor for gas turbine engines; theoretical and experimental investigations. (Engineering research bul. B-75) College of engineering & architecture, Pa. state univ. '59 p 125-7

Sabatiuk, A. and Sisto, F. Survey of aerodynamics excitation problems in turbomachines. Am Soc Mech Eng Trans 78:563 Ap '56

Sawyer, J. W. Marine gas turbine, free piston gas turbine bibliography. Am Soc Naval Eng J 70:159-69 F '58

Scanlan, J. A. and Jennings, B. H. Free-piston engines and compressors. Mech Eng 79:339-40+ Ap '57

Smith, Chester Warren. Aircraft gas turbines. (General electric ser) Wiley '56 p421-31

Trewby, G. F. A. British naval gas turbines. Am Soc Mech Eng Trans 77:582-3 My '55

Von der Nuell, W. T. General design considerations for smaller gas turbines. Am Soc Mech Eng Trans 80:956-7 My '58

GASCAR, Pierre, 1916-

Oeuvres de Pierre Gascar. Biblio 27:8 Ap '59

GASES

- Carr, N. L. and others. Viscosity of hydrocarbon gases under pressure. J Pet Tech 6:54-5 O '54
- Din, F. ed. Thermodynamic functions of gases. Butterworth '56 2v incl bibliog
- Emery, K. O. and Hogan, D. Gases in marine sediments. Am Assn Pet Geol Bul 42:2187-8 S '58
- Emmons, Howard Wilson. ed. Fundamentals of gas dynamics. (High speed aerodynamics and jet propulsion, v3) Princeton univ. press '58 incl bibliog
- Gross, R. A. and Oppenheim, A. K. Recent advances in gaseous detonation. ARS J 29:178-9 Mr '59
- Logan, J. G. Recent advances in determination of radiative properties of gases at high temperatures. Jet Propulsion 28:797-8 D '58
- Rossini, Frederick Dominic, ed. Thermodynamics and physics of matter. (High speed aerodynamics and jet propulsion, v 1) Princeton univ. press '55 incl bibliog
- Symposium on thermal properties, Purdue university, 1959. Thermodynamic and transport properties of gases, liquids, and solids; papers. Am. soc. of mechanical engineers; McGraw '59 incl bibliog
- Warshawsky, I. Measurements of rocket exhaust-gas temperature. I S A J 5:97 N '58
- Wilkinson, Sally, and others. Permeability of organic materials to gases and vapors. (Bibliog. ser. no 169, sup 1) Inst. of paper chemistry '56 172p annot

Yang, H. T. and Lees, L. Rayleigh's problem at low Mach number according to the kinetic theory of gases. J Math & Phys 35:234-5 O '56

See also

Automobile exhaust gas
Electric discharges through gases
Flue gas
Gas
Volatile substances

Analysis

- Hobbs, A. P. Gas analysis. Anal Chem 30:789-92 Ap '58
- Shnidman, Louis, ed. Gaseous fuels: properties, behavior, and utilization. 2d ed, rev, corr & enl. Am. gas assn. '54 incl bibliog bibliog

Wahler, W. Über die in kristallinen eingeschlossenen flüssigkeiten und gase. Geochimica & Cosmochimica Acta 9:133-5 Mr '56

Liquefaction

See also

Gas, Natural—Liquefaction
Hydrogen

GASES, Asphyxiating and poisonous

See also

Carbon dioxide
Carbon monoxide
Fire damp
Mine gases

GASES, Compressed

Cohen, E. H. Electric strength of highly compressed gases. *Inst Elec Eng Proc* 103:67-8 F '56

Hall, N. A. and Ibele, W. E. Compressibility deviations for polar gases. *Am Soc Mech Eng Trans* 77:1007-9 O '55

GASES, Flow of. See Gas flow**GASES, Rare**

See also

Argon

Helium

GASES in metals. See Metals—Gas content**GASES in mines. See Mine gases****GASIFICATION of coal. See Coal gasification****GASKETS**

Trutnovsky, Karl. Berührungsdichtungen an ruhenden und bewegten maschinenteilen. (Konstruktionsbücher, 17) Springer '58 p 163-71

GASOLINE

Resen, L. Gasoline, its processing and its problems. *Oil & Gas J* 57:120 F 16 '59

GASSER, Johann Conrad, 1870-1951

Hunziker, Rudolf, and others. Aus Winterthurs kulturegeschichte im 19. und 20. Jahrhundert. (Gabe der Literarischen vereinigung Winterthur, 26) Vogel '57 p233-40

GASSET, José Ortega y. See Ortega y Gasset, J.**GASTEROMYCETES**

Ahmad, Sultan. Gasteromycetes of West Pakistan. (Punjab, Pakistan (province) Univ. Lahore. Dept. of botany. Pub. no 11) Panjab Univ. press '52 p79-85

GASTEROPODA

Anderson, H. Gastropod genus bembicium Philippi. *Australian J Marine & Freshwater Res* 9:566-8 D '58

Dehnel, P. A. Rates of growth of gastropods as a function of latitude. *Physiol Zool* 28:137-8+ Ap '55

Desmond, J. Micronesian reef-associated gastropods. *Pac Sci* 11:335-6 Ja '57

See also

Snails

GASTEROPODA, Fossil

Allison, E. C. Middle cretaceous gastropoda from Panguitch China, Baja California, Mexico. *J Paleont* 29:430-2 My '55

Hall, C. A. Gastropod genus ceratostoma. *J Paleont* 33:433-4 My '59

Pires Soares, J. M. Sobre alguns exemplares de turritelas fósseis de ilha de São Nicolau (arquipélago de Cabo Verde) (In Conferência Internacional dos africanistas ocidentais. Comunicações, 6a sessão; v2. Geografia e outras ciências de terra. C.C.T.A. '56 p321-6)

Popenoe, Willis Parkison. Cretaceous gastropod genus biplica: its evolution and biostratigraphic significance. (Calif. Univ. Pubs. in geological sciences, v30, no6) Univ. of Calif. press '57 p445-6

Yochelson, Ellis Leon. Permian gastropoda of the southwestern United States; 1. Euomphalacea, trochonematacea, pseudophoracea, anomphalacea, crapedostomatacea, and platyceratacea; with a sec. on The effect of the crinoid host on the variability of Permian platyceratids, by Arthur L. Bowsher. (Bul. v 110, article 3) Am. museum of natural history '56 p271-5

See also

Conularida

GASTRIC Juice

Herting, D. C. and Steenbock, H. Vitamin D and gastric secretion. *J Nutrition* 57:481-2 D '55

GASTRITIS, Traumatic

Kingrey, B. W. Experimental bovine traumatic gastritis. *Am Vet Med Assn J* 127:481-2 D '55

GASTROENTEROLOGY

Palmer, Eddy Davis. Clinical gastroenterology. Harper '57 incl bibliog

GASTRONOMY

See also

Cookery

GASTROPODA. See Gasteropoda**GAUL****Antiquities**

Stanfield, Joseph Aloysius, and Simpson, Grace. Central Gaulish potters; with a pref. by Eric Birley. (Durham. England. Univ. Pubs) Oxford '58 p xxv-xxviii

GAUSS, Karl Friedrich, 1777-1855

Dunnington, Guy Waldo. Carl Friedrich Gauss: titan of science. Exposition '55 p420-47

Saxony, Lower. Vermessungs- und katasterverwaltung. C. F. Gauss und die landesvermessung in Niedersachsen. Niedersächsisches landesvermessungsamt '55 incl bibliog

GAUTIER, Théophile, 1811-1872

Richardson, Joanne. Théophile Gautier: his life & times. Coward-McCann '59 p319-26

GAVAZZI, Alessandro, 1809-1889

Santini, Luigi. Alessandro Gavazzi; aspetti del problema religioso del risorgimento. (Collezione storica del risorgimento italiano, v49, ser3) Soc. tipografica editrice modenese '55 p201-5

GAWAIN and the Grene knight

Savage, Henry Lyttleton. Gawain-poet: studies in his personality and background. Univ. of N.C. press '56 p219-28 annot

GEHUCHTEN, Arthur van, 1861-1914

United States. National institute of neurological diseases and blindness. Great names in neurology; bibliog. of writings by Joseph Babinski, Victor Horsley, Charles Sherrington, and Arthur van Gehuchten; prepared for the first int. congress of neurological sciences, Brussels, July 21-28, 1957. (U.S. Public health service. Pub. no554; Public health bibliog. ser. 17) The institute '57 p73-80

GEIGER, Theodor, 1891-1952

Agersnap, T. Bibliography of Th. Geiger. Acta Sociol 1 no 1:80-4 '55

GELATIN

British gelatine and glue research association. Recent advances in gelatin and glue research; proceedings of a conference sponsored by the Association held at the Univ. of Cambridge, 1-5 July 1957; ed. by G. Stainsby. Pergamon '58 incl bibliog

GEMS

Weinstein, Michael. World of jewel stones. Sheridan '58 p399-402

See also

Jewelry

Precious stones

GENEALOGY

Genealogical associates. Genealogy and local history: an archival and bibliographical guide. The firm '58 p33-95 annot

Whitmore, John Beach. Genealogical guide; an index to British pedigrees, in continuation of Marshall's Genealogist's guide (1903) Walford bros. '53 658p

See also

Heraldry

GENERALIZED spaces. See Spaces, Generalized**GENERALS**

Gellermann, Josef Egmond. Generals as statesmen. Vantage '59 p 149-50

United States

Jeffries, Olen C. Noted American military leaders of past wars; a sel. bibliography. (Special bibliog. no9) Artillery & guided missile school lib. '56 39p

GENERATIVE organs

Christian, J. J. Adrenal and reproductive responses to population size in mice from freely growing populations. *Ecology* 37:273 Ap '56

Wetterdal, Bengt. Experimental studies on radioactive zinc in the male reproductive organs of the rat. (Sup 156) Acta radiologica '58 p79-83

See also

Genito-urinary organs

Ovaries

Testicles

Abnormalities and deformities

Jones, Howard Wilbur, and Scott, William Wallace. Hermaphroditism, genital anomalies and related endocrine disorders. Williams & Wilkins '58 p434-48

Cancer

Kottmeier, Hans Ludvig. Carcinoma of the female genitalia. (Abraham Flexner lectures, ser. no 11) Williams & Wilkins '53 p 193-205

Diseases

Callomon, Fritz, and Wilson, John F. Non-venereal diseases of the genitals: etiology, differential diagnosis, and therapy. Thomas '56 incl bibliog

GENERATIVE organs—Diseases—Continued.

- Hedenberg, Inge. Macroscopic and microscopic changes and stone formation in the urinary tract in experimentally produced vitamin A deficiency in rats and some notes on the effect of large doses of vitamin A on the uterine, vaginal, and vesical epithelium; tr. by Joan Whitehouse. (Sup 192) *Acta chirurgica scandinavica* '54 p81-7
- Roberts, Stephen J. Veterinary obstetrics and genital diseases. The author '56 incl bibliog
- Samuelsson, Stig. Differential diagnosis of pelvic appendicitis and acute conditions of uterine appendages [tr. by Lionel Hewitt] (V36. Sup 9) *Acta obstetrica et gynecologica scandinavica* '57 p88-97

Radiography

- Larsson, Lars Erik. Radiation doses to the gonads of patients in Swedish roentgen diagnostics; studies on magnitude and variation of the gonad doses together with dose reducing measures. (Sup 157) *Acta radiologica* '58 p 124-7

Birds

- Biswal, G. and Morrill, C. C. Pathology of the reproductive tract of laying pullets affected with Newcastle disease. *Poultry Sci* 33:896-7 S '54

Crustacea

- Charniaux-Cotton, H. Croissance, régénération et déterminisme endocrinien des caractères sexuels d'orchestia gammarella (Pallas) crustacé amphipode. (In *Annales des sciences naturelles. Zoologie et biologie animale*. Sér. 11, v 19. Masson '57 p552-9)

Insects

- Ashlock, P. D. Investigation of the taxonomic value of the phallus in the lygaeidae (hemiptera-heteroptera) *Entom Soc Am Ann* 50:425-6 J1 '57
- Davis, N. T. Morphology and functional anatomy of the male and female reproductive systems of cimex lectularius L. (heteroptera, cimicidae) *Entom Soc Am Ann* 49:492-3 S '56
- Davis, N. T. Morphology of the female organs of reproduction in the miridae (hemiptera) *Entom Soc Am Ann* 48:150 My '55
- Matsuda, R. On the origin of the external genitalia of insects. *Entom Soc Am Ann* 51: 92-4 Ja '58
- Snodgrass, Robert Evans. Revised interpretation of the external reproductive organs of male insects. (Smithsonian misc. colls, v 135, no6) Smithsonian inst. '57 p56-60

GENERATORS, Electric. See Electric generators

GENES

- Demerec, M. What is a gene?—twenty years later. *Am Natur* 89:19-20 Ja '55
- Fung, S. T. C. and Gowen, J. W. Developmental effect of a sex-limited gene in drosophila melanogaster. *J Exp Zool* 134: 531-2 Ap '57
- Lewis, E. B. Some aspects of position pseudallelism. *Am Natur* 89:88-9 Mr '55
- Mintz, B. and Russell, E. S. Gene-induced embryological modifications of primordial germ cells in the mouse. *J Exp Zool* 134: 228-30 Mr '57
- Strauss, B. S. Mechanism of gene interaction. *Am Natur* 89:148-9 My '55

See also

Allelomorphism
Plasmagones**GENES (bacteriology)**

- Lederberg, J. Viruses, genes, and cells. *Bact R* 21:138-9 S '57

GENES (botany)

- Cooper, J. P. Studies on growth and development in liliun. *J Ecol* 42:554-6 J1 '54
- Robertson, D. S. Genetics of vivipary in maize. *Genetics* 40:759-60 S '55

GENES, Lethal

- Bull, A. L. Developmental effects of the vg^B deficiency in drosophila melanogaster. *J Exp Zool* 132:498-500 Ag '56
- Edington, C. W. and Randolph, M. L. Comparison of the relative effectiveness of radiations of different average linear energy transfer on the induction of dominant and recessive lethals in drosophila. *Genetics* 43:725-7 S '58
- Gerstel, D. U. New lethal combination in interspecific cotton hybrids. *Genetics* 39:638-9 S '54

- Lee, W. R. Dosage response curve for radiation induced dominant lethal mutations in the honeybee. *Genetics* 43:491-2 J1 '58
- Lewis, H. W. Studies on a melanoma-producing lethal in drosophila. *J Exp Zool* 126: 271-3 J1 '54
- Parker, D. R. Dominant lethal mutation in irradiated oocytes. *Tex Univ Pub* no5914: 125-7 J1 '59
- Pun, C. F. Crooked neck dwarf lethal syndrome in the domestic fowl. *J Exp Zool* 126:127-30 Je '54
- Rizki, M. T. M. Hereditary melanotic sclerosis in drosophila willistoni. *J Exp Zool* 128:606-7 Ap '55
- Seto, F. Time of action of a series of recessive lethal factors in drosophila melanogaster. *J Exp Zool* 126:31-2 Je '54
- Welch, R. M. Developmental analysis of the lethal mutant l (2) gl of drosophila melanogaster based on cytophotometric determination of nuclear desoxyribonucleic acid (DNA) content. *Genetics* 42:558-9 S '57

GENETIC psychology

- Harris, Dale B. ed. Concept of development; an issue in the study of human behavior. Univ. of Minn. press '57 incl bibliog

GENETIC research

See also

Fishes—Genetic research

GENETICS

- Anfinson, Christian B. Molecular basis of evolution. Wiley '59 incl bibliog
- Barker, J. S. F. Simulation of genetic systems by automatic digital computers. *Australian J Biol Sci* 11:612, 625 N '58
- Braden, A. W. H. Strain differences in the morphology of the gametes of the mouse. *Australian J Biol Sci* 12:70-1 F '59
- Burt, C. Inheritance of mental ability. *Am Psychologist* 13:15 Ja '58
- Carnegie institution of Washington. Dept. of genetics. Genetic studies with bacteria [by M. Demerec and others] (Pub. 612) The institution '56 incl bibliog
- Darlington, Cyril Dean. Evolution of genetic systems. rev & enl ed Basic bks. '58 p241-54
- Demerec, M. Genetic basis of acquired drug resistance. *Pub Health Rep* 70:820-1 S '55
- Dobzhansky, Theodosius Grigorievich. Evolution, genetics, and man. Wiley '55 incl bibliog annot
- Dodson, Edward Ottway. Genetics, the modern science of heredity. Saunders '56 incl bibliog
- Gedda, Luigi, ed. Novant'anni della legge mendeliana. 1865-1955; con la collaborazione di Giacomo Arrigoni let all Istituto Gregorio Mendel '56 incl bibliog
- Goldschmidt, Richard Benedict. Theoretical genetics. Univ. of Calif. press '55 p493-544
- Goldstein, Philip. Genetics is easy; a handbk. of information. 2d ed Lantern press '55 p227-32
- Hill, John Benjamin, and Hill, Helen Day. Genetics and human heredity. McGraw '55 incl bibliog
- Hoyme, L. E. Genetics, physiology and phenylthiocarbamide. *J Heredity* 46:174-5 J1 '55
- International congress of genetics. 9th. Bellagio, 1953. Atti del IX Congresso internazionale di genetica. Bellagio (Como) 24-31 agosto 1953; pubblicati a cura di G. Montalenti e A. Chiarugi. Proceedings of the 9th International congress of genetics. The congress '54-'56 2v incl bibliog
- Jude, A. C. Cat genetics. All-Pets bks. '55 p 120-2
- Kempthorne, Oscar. Introduction to genetic statistics. (Wiley pubs. in applied statistics) Wiley '57 incl bibliog
- Kimura, M. Some problems of stochastic processes in genetics. *Ann Math Stat* 28: 900-1 D '57
- Kornal, T. and Ishihara, T. On the origin of the male tortoiseshell cat. *J Heredity* 47: 291 N '56
- Kühn, Alfred. Vorlesungen über entwicklungsphysiologie. Springer '55 p490-503
- Landauer, W. On phenocopies, their developmental physiology and genetic meaning. *Am Natur* 92:211-13 J1 '58
- Lederberg, J. Genetic transduction. *Am Scientist* 44:279-80 J1 '57
- Lerner, Isadore Michael. Genetic homeostasis. Wiley '54 p 121-34
- Little, Clarence Cook. Inheritance of coat color in dogs. Comstock pub. associates '57 p 188-90

GENETICS—Continued

- Lysell, Lennart. Plcae palatinae transversae and papilla incisiva in man; a morphologic and genetic study. (Sup 18) Acta odontologica Scandinavica '55 p 134-7
- Müller, G. Einige probleme der individuellen entwicklung der tiere (metazoa) und der dialektische materialismus. Halle Univ Wiss Z Math Naturw Reihe 5:1348-52 Ag '56
- Peters, James Arthur, ed. Classic papers in genetics. (Prentice-Hall biological science ser) Prentice-Hall '59 incl bibliog
- Pontecorvo, G. Trends in genetic analysis. (Columbia biological ser, no 18) Columbia Univ. press '58 p 135-45
- Rendel, J. Nedärvinngen av färg och teckning hos husdjur. Skogs- och Lantbruksakad Tids 96 no4:260-3 '57
- Rieger, Rigomar, and Michaelis, Arnd. Genetisches und cytogetisches wörterbuch. 2d enl ed Springer '58 p597-648
- Royce, J. R. Factor theory and genetics. Educ & Psychol Meas 17:374-6 Autumn '57
- Sánchez-Monge Parellada, Enrique, and Esteruelas Rolando, Ramón. Genética general y agrícola. (Colección agrícola Salvat) Salvat '52 incl bibliog
- Sinnott, Edmund Ware, and others. Principles of genetics. 5th ed (McGraw-Hill pubs. in the botanical sciences) McGraw '58 p444-8
- Tantawy, A. O. Heterosis and genetic variance in hybrids between inbred lines of drosophila melanogaster in relation to the level of homozygosity. Genetics 42:542-3 S '57
- Waddington, Conrad Hal. Strategy of the genes; a discussion of some aspects of theoretical biology; with an app. by H. Kacser. Macmillan '57 p250-7
- Wagner, Robert Philip, and Mitchell, Herschel Kenworthy. Genetics and metabolism. Wiley '55 p413-30
- Westergaard, Mogens. Arvelighedslæren. Munksgaard '53 incl bibliog
- See also*
 Allelomorphism
 Blood groups
 Breeding
 Chromosomes
 Eugenics
 Genes
 Genetic psychology
 Heredity
 Isolation (biology)
 Mutation (biology)
 Natural selection
 Nuclei, Cellular
 Origin of species
 Sex determination and control
 Variation (biology)
- History**
 Zirkle, Conway. Evolution, Marxian biology, and the social scene. Univ. of Pa. press '59 p501-20
- GENETICS (botany)**
 Bistis, G. Studies on the genetics of ascobolus stercorarius (Bull.) Schröt. Torrey Bot Club Bul 83:60-1 Ja '56
- Brock, R. D. Chromosome balance and endosperm failure in hyacinths. Heredity 9:220-2 Ag '55
- Elliott, Fred C. Plant breeding and cytogenetics. (McGraw-Hill pubs. in agricultural sciences) McGraw '58 incl bibliog
- Fleming, Attie Anderson, and others. Inheritance in maize of reaction to European corn borers and its relationship to certain agronomic characters. (Technical bul, 226) Agricultural experiment station, Univ. of Minn. '58 p31-2
- Genetics and cytology of cotton, 1948-55; rep. of cooperative research under Southern regional project S-1. (Southern cooperative ser, bul. 47) Technical com. Regional research project S-1 '58 p55-65 annot
- Heiken, A. Aberrant types in the potato. Acta Ag Scand 8 no3:355-8 '58
- Holton, C. S. Genetic phenomena in the smut fungi as related to the dynamics of the species. Phytopathology 44:354-5 JI '54
- Jones, Donald Forsha, and others. Pollen restoring genes. (Bul. 610) Conn. Agricultural experiment station '57 p42-3
- Keitt, G. W. and Boone, D. M. Induction and inheritance of mutant characters in venturia inaequalis in relation to its pathogenicity. Phytopathology 44:369-70 JI '54
- Knight, Robert L. Abstract bibliography of cotton breeding and genetics, 1900-1950. (Technical communication no 17) Commonwealth bur. of plant breeding & genetics '54 256p
- Pandey, K. K. and Blaydes, G. W. Cytoplasmic inheritance of plastids in impatiens sultanii Hook. f., petunia violacea Lindl. and cholorophytum elatum R. Br. Ohio J Sci 57:146-7 My '57
- Patel, G. I. and Olmo, H. P. Cytogenetics of vitis. Am J Bot 42:158-9 F '55
- Rowell, J. B. and DeVay, J. E. Genetics of ustilago zeae in relation to basic problems of its pathogenicity. Phytopathology 44:361-2 JI '54
- Smith, H. H. and Lotfy, T. A. Effects of beta-propiolactone and ceepryn on chromosomes of vicia and allium. Am J Bot 42:757-8 O '55
- Stein, J. R. Morphologic and genetic study of gonium pectorale. Am J Bot 45:671-2 N '58
- See also*
 Chromosomes (botany)
 Mutation (botany)
 Ontogeny (botany)
 Plant breeding
 Variation (botany)
- GENEVA, Switzerland**
- History**
 L'Escalade de Genève, 1602; histoire et tradition; par Paul-F. Geisendorf [et al] Jullien '52 p531-7
- GENEVÈVE of Brabant**
 Schneider, Albert Eugène. La légende de Geneviève de Brabant dans la littérature allemande (Volksbuch. Müller, Tieck, Hebbel, Ludwig) Les Belles lettres '55 p 179-95
- GENITO-URINARY organs**
 American urological association. North Central section. Postgraduate seminar, November 30 to December 3, 1955. Rochester, Minnesota. Burgess '56 incl bibliog
- Urological survey. Williams & Wilkins. See numbers
- Diseases**
 Badenoch, Alec William. Manual of urology. Grune '54 incl bibliog
- Bloom, Frank. Pathology of the dog and cat: the genitourinary system, with clinical considerations. Am. veterinary pubs. '54 incl bibliog
- Campbell, Meredith Fairfax, ed. Urology; with the collaboration of fifty-one contributing authorities. Saunders '54 incl bibliog
- Clarke, Burdick Green, and Del Guercio, Louis Richard Maurice. Urology. McGraw '56 incl bibliog
- Franzas, Fridolf. Aspects of urogenital tuberculosis in Finland after the introduction of streptomycin. (Sup 180) Acta chirurgica Scandinavica '53 p67-8
- Lowsley, Oswald Swinney, and Kirwin, Thomas Joseph. Clinical urology. 3d ed Williams '56 2v incl bibliog
- Schaefer, George. Tuberculosis in 'obstetrics and gynecology. Little '56 incl bibliog
- Smith, Donald Ridgeway. General urology. Lange medical '57 incl bibliog
- Same. 2d ed Lange medical '59 incl bibliog
- See also*
 Gonorrhea
- Urinary organs—Diseases**
 Urine—Analysis and pathology
- Surgery**
 Danielson, Carl Olof. Prolapse of the uterus and vagina: clinical and therapeutic aspects; review of six hundred cases; tr. by Stanley H. Vernon. (V36, Sup 1) Acta obstetricia et gynecologica Scandinavica '57 p 120-9
- GENIUS**
 Lange, Wilhelm. Genie, irrsinn und ruhm; eine pathographie des genies; 4. auf. vollständig neu bearb. und um über 1500 neue quellen vermehrt von Wolfram Kurth. Reinhardt '56 p451-80
- McCurdy, H. G. Childhood pattern of genius. Elisha Mitchell Sci Soc J 73:461-2 N '57
- GENOA**
- History**
 Bach, Erik. La cité de Gènes au XII^e siècle. (Classica et mediaevalia, dissertationes, 5) Gylendalske boghandel '55 p 169-70
- Vitale, Vito. Brevario della storia di Genova; lineamenti storici ed orientamenti bibliografici (Atti, Sup) Società ligure di storia patria '55 2v
- GENOTYPE and phenotype**
See also
 Phenocopy

GEOCHEMISTRY

Abelson, Philip Hauge, ed. *Researches in geochemistry*. (Johns Hopkins univ. Dept. of geology. Seminar ser) Wiley '59 incl bibliog

Ahrens, L. H. *Spectrograph in geochemistry and cosmochemistry*. Soil Sci 83:40-1 Ja '57

Breger, I. A. *Geochemistry of coal*. Econ Geol 53:836-41 N '58

Chilean iodine educational bureau, inc. London. *Geochemistry of iodine; iodine in rocks, minerals and soils; annot. bibliog.* 1825-1954. The bureau '56 150p annot

Clayton, R. N. and Epstein, S. Relationship between O^{18}/O^{16} ratios in coexisting quartz, carbonate, and iron oxides from various geological deposits. J Geol 66:370-1 Jl '58

Degenhardt, H. Untersuchungen zur geochemischen verteilung des zirkoniums in der lithosphäre. Geochimica & Cosmochimica Acta 11 no4:308-9 '57

Degens, E. T. and others. Environmental studies of carboniferous sediments. Am Assn Pet Geol Bul 41:2454-5; 42:997 N '57. My '58

El Wardini, S. A. Marine geochemistry of germanium and the origin of Pacific pelagic clay minerals. Geochimica & Cosmochimica Acta 15:253-4 D '59

González Bonino, F. Hydrothermal alteration in the Front Range mineral belt, Colorado. Geol Soc Am Bul 70:88-9 Ja '59

Green, J. and Poldervaart, A. Petrochemical fields and trends. Geochimica & Cosmochimica Acta 13 no2:3:120-2 '58

Hogson, G. W. and Baker, B. L. Vanadium, nickel and porphyrins in thermal geochemistry of petroleum. Am Assn Pet Geol Bul 41:2425-6 N '57

Holland, H. D. Chemical composition of vein minerals and the nature of ore forming fluids. Econ Geol 51:796-7 D '56

Horstman, E. L. Distribution of lithium, rubidium, and caesium in igneous and sedimentary rocks. Geochimica & Cosmochimica Acta 12 no 1:21-3 '57

Koczy, F. F. Zur geochemie des urans im Ostseebecken. Geochimica & Cosmochimica Acta 11:102 Ja '57

Krauskopf, K. B. Factors controlling the concentration of thirteen rare metals in seawater. Geochimica & Cosmochimica Acta 9: 32-4 F '56

Le Riche, H. H. Distribution of certain trace elements in the Lower lias of southern England. Geochimica & Cosmochimica Acta 16:121-2 My '59

Lovering, T. S. Significance of accumulator plants in rock weathering. Geol Soc Am Bul 70:799-800 Je '59

Mason, Brian Harold. *Principles of geochemistry*. 2d ed Wiley '58 incl bibliog annot

Robertson, E. C. and others. Experimental determination of jadeite stability relations to 25,000 bars. Am J Sci 255:136-7 F '57

Saukov, A. A. Geochemie; übers: R. Sallum und Tatjana von Schenk. Verlag Technik '53 p309-11

Warren, H. V. and Delavault, R. E. Geochemistry and prospecting. Can Min & Metal Bul 52:58-9 Ja '59

Wedepohl, K. H. Untersuchungen zur geochemie des bleis. Geochimica & Cosmochimica Acta 10:143-8 Ag '56

Wilkinson, J. F. G. Geochemistry of a differentiated teschenite sill near Gunnedah, New South Wales. Geochimica & Cosmochimica Acta 16:149-50 My '59

See also

Biogeochemistry
Mineralogical chemistry
Rocks—Analysis
Weathering (rocks)

GEOCHRONOLOGY. See Geological time

GEODESY

Bibliography. See numbers of American geophysical union. Transactions thru 1958

California. University. University at Los Angeles. Library. Size and shape of the world; a catalogue of an exhibition of bks. from the coll. of Robert B. Honeyman jr. il. the development of geodetic knowledge in observance of the Int. geophysical year, 1957-1958; held at the Lib. Oct. 1-31, 1957; with an introd. paper by Seymour Chapin. (UCLA lib. occasional papers, no6) The library '57 16p

International union of geodesy and geophysics. Bibliographie géodésique internationale, 1949/51 et complément des années antérieures. (V7) Butterworth '56 401p

Tarczy-Hornoch, A. Über die winkelpismen der geodäsie. Acta Tech 19 no 1-2:152-3 '57
United States. Coast and geodetic survey. Publications of the Coast and geodetic survey. 5th ed The survey '55 42p

See also

Gravity
Least squares

GEODYNAMICS

See also

Earthquakes

GEOFFROI de Paris, 14th cent

Geoffroi de Paris. La chronique métrique attribuée à Geoffroy de Paris [par] Arnel Diverres; texte publié avec introd. et glossaire. (Strasbourg. Univ. Faculté des lettres. Pubs. no 129) Belles lettres '56 p87-91

GEOGRAPHICAL distribution of animals. See Animals—Geographical distribution

GEOGRAPHICAL distribution of plants. See Plants—Geographical distribution

GEOGRAPHICAL names. See Names, Geographical

GEOGRAPHY

American geographical society of New York.

Current geographical publications; additions to the Research catalogue of the Society. The society. See numbers

Bibliographia scientiae naturalis helvetica, 1954[1-1957] (V30-33) Schweizerische landesbibliothek '55-'58 4v

Bibliographie géographique internationale, 1945-1946[1-1956] (V55/56-62) Centre nat. de la recherche scientifique '49-'59 7v

Briault, Eric William Henry, and Hubbard, Jack Horace. Introduction to advanced geography. Longmans '57 incl bibliog

Comptes rendus bibliographiques. See numbers of Cahiers de géographie de Québec

Costa Pereira, J. V. da. Moderna produção geográfica do Brasil e seus aspectos metodológicos. Bol Paulista Geog no27:109-10 O '57

Deasy, George F. and others. World's nations: an economic and regional geography. (Lippincott college geography ser) Lippincott '58 incl bibliog

French bibliographical digest; no 10 (ser2) Science: geography. French cultural services of New York '54 67p annot

Gellert, J. F. Arbeiten und veröfentlichungen aus dem Geologischen und geographischen institut der Akademie der wissenschaften der Litauischen SSR in Wilna.

Petermanns Geog Mitt 102 no 1:39-40 '58

Gellert, J. F. Neue geologisch-geographische arbeiten aus Rumänien. Petermanns Geog Mitt 102 no 1:38-9 '58

Geographical reviews. See numbers of Geographical review

Geographischer literaturbericht. See numbers of Petermanns geographische mitteilungen

Geographisches schrifttum. See numbers of Erde

Hanover. Stadtbibliothek. Geographie; erd-, länder und völkerkunde, ein verzeichnis von büchern und aufsätzen. The library '55 179p

Hartshorne, Richard. Perspective on the nature of geography. (Assn. of Am. geographers. Monograph ser) Rand McNally '59 p 185-93 annot

Heintzelman, Oliver Harry, and Highsmith, Richard Morgan. World regional geography. Prentice-Hall '55 incl bibliog

Hooson, D. J. M. Some recent developments in the content and theory of Soviet geography. Assn Am Geog Ann 49:73-82 Mr '59 annot

James, Preston Everett. Geography of man. 2d ed Ginn '59 p581-2, 592-8

James, Preston Everett, and Davis, Nelda. Wide world; a geography. Macmillan '59 p 136, 494, 517 annot

Kendall, Henry Madison, and Glendinning, Robert Morton. Introduction to geography. 2d ed Harcourt '58 p635-40

Kenamer, L. Paperbound books for the teacher of geography. J Geog 56:126-8 Mr '57

Kish, George, ed. Introduction to world geography; auths: Patrick D. Baird [and others] Prentice-Hall '56 p609-17 annot

Literaturberichte. See numbers of Erdkunde

Logan, Marguerite. Geographical bibliography for all the major nations of the world: selected books and magazine articles. The author '59 396p

New geographical literature and maps. Royal geographical soc. See numbers

GEOGRAPHY—Continued

- Polska akademia nauk. Instytut geografii. Bibliografia geografii polskiej, 1945-1951 [1954] Państwowe wydawn. naukowe '56-57 3v
- Renner, George Thomas, ed. Global geography; 2d ed [ed. by] E. Willard Miller [and others] Crowell '57 incl bibliog annot
- Southampton. University. Institute of education. Library. Teaching of geography and history and related local studies; being a sel. list of bks. mainly in English, pub. in this century, with a note on some recent articles in periodicals. 2d ed The institute '57 32p
- Taylor, Thomas Griffith, ed. Geography in the twentieth century; a study of growth, fields, techniques, aims and trends; with chapters by Kenneth Hare [and others] 3d rev & enl ed Philosophical lib. '57 incl bibliog
- Titles and abstracts of geological and geographical papers published in Japan [1948-1954] Japan J Geol & Geog 24:1-32 Mr '54 (at end)
- White, Charles Langdon, and others. Essentials of college geography. (Cent. earth science ser) Appleton '58 incl bibliog

See also

Anthropogeography**Atlases****Boundaries****Discoveries (in geography)****Geopolitics****Maps****Names, Geographical****Physical geography****Voyages and travels****History**

See also

Maps, Early**Periodicals**

- Royal geographical society, London. Library. Geographical serials in the library of the Royal geographical society. (R.G.S. lib. ser, no 1) The library '53 27p
- Royal geographical society, London. Library. Hand-list of Russian serials in the library of the Royal geographical society. (R.G.S. lib. ser, no 2) The library '5-? 15p
- Royal geographical society, London. Library. Serial publications added to the library of the Royal geographical society, December 1954. (R.G.S. lib. ser, no 3) The library '55 12p

Study and teaching

- Thralls, Zoe Agnes. Teaching of geography. Appleton '58 incl bibliog
- Trussell, M. E. Products and projects in high school geography. J Geog 54:459 D '55

GEOGRAPHY, Biblical. See Bible—Geography**GEOGRAPHY, Commercial**

- Carlson, Albert S. ed. Economic geography of industrial materials. Reinhold '56 incl bibliog
- Köhler, G. Verkehrsgeographische übersicht von Afrika. Petermanns Geog Mitt 100 no 4: 291-4 '56
- Köhler, G. Verkehrsgeographische übersicht von Australien. Petermanns Geog Mitt 100 no 3: 212 '56
- Köhler, G. Verkehrsgeographische übersicht von Nordamerika. Petermanns Geog Mitt 100 no 1: 442-4 '56
- Köhler, G. Verkehrsgeographische übersicht von Südamerika. Petermanns Geog Mitt 100 no 2: 117-21 '56

See also

Geography, Economic**GEOGRAPHY, Economic**

- Bengtson, Nels August, and Van Royden, William. Fundamentals of economic geography; Donald J. Patton & Ada Espenshade, collaborators. 4th ed (Prentice-Hall geography ser) Prentice-Hall '56 incl bibliog
- Guzmán, Louis E. Farming and farmlands in Panama. (Research paper no 44) Dept. of geography, Univ. of Chicago '56 p 131-7
- Shaw, Earl Bennett. World economic geography; with an emphasis on principles. Wiley '55 incl bibliog annot

GEOGRAPHY, Historical

- Uppsala. Universitet. Bibliotek. Handritade kartor över Sverige i Uppsala universitetsbibliotek. Handtecknade kartor von Schweden in der Universitätsbibliothek Uppsala; katalog av Åke Davidsson. (Acta, v 10) Almqvist '56 136p

GEOGRAPHY, Political. See Geopolitics**GEOGRAPHY and religion. See Religion and geography****GEOLOGICAL chemistry. See Geochemistry****GEOLOGICAL research**

- Schwarzbach, Martin. Geologische forschung in Schlesien; eine bibliog. der jahre 1914-1945, gleichzeitig ein rückblick auf die arbeit deutscher geologen. (Osteuropa und der deutsche Osten. Reihe 2: Univ. Köln, heft 2) Müller '55 63p

GEOLOGICAL time

- Beveridge, A. J. and Folinsbee, R. E. Dating Cordilleran orogenies. Roy Soc Can Trans 50:42-3 Je '56
- Carr, D. R. and Kulp, J. L. Potassium-argon method of geochronometry. Geol Soc Am Bul 68:783-4 Je '57
- Craig, H. Carbon 13 in plants and the relationships between carbon 13 and carbon 14 variations in nature. J Geol 62:148-9 Mr '54
- Curtis, G. H. and Reynolds, J. H. Notes on the potassium-argon dating of sedimentary rocks. Geol Soc Am Bul 69:159 F '58
- Doering, J. A. Citronelle age problem. Am Assn Pet Geol Bul 42:785-6 Ap '58
- Eckelmann, W. R. and Kulp, J. L. Uranium-lead method of age determination. Geol Soc Am Bul 67:52-3; 68:1138-40 Ja '56, S '57
- Folinsbee, R. E. and others. Potassium-argon dating. Geochimica & Cosmochimica Acta 10:67-8 Ag '56
- Jeletsky, J. A. Paleontology, basis of practical geochronology. Am Assn Pet Geol Bul 40:703-6 Ap '56
- Lipson, J. Potassium-argon dating of sedimentary rocks. Geol Soc Am Bul 69:148-9 F '58
- Lowenstam, H. A. and Epstein, S. Paleotemperatures of the post-aptian cretaceous as determined by the oxygen isotope method. J Geol 62:248 My '54
- Lyons, J. B. and others. Lead-alpha ages of some New Hampshire granites. Am J Sci 255:545-6 Q '57
- Marble, J. P. Annotated bibliography of articles related to geologic time. (In National research council. Committee on the measurement of geologic time. Report, 1953/54. The council '55 p38-169)
- Quinn, A. W. and others. Lead-alpha ages of Rhode Island granitic rocks compared to their geologic ages. Am J Sci 255:559-60 O '57
- Ruhe, R. V. and Scholtes, W. H. Ages and development of soil landscapes in relation to climatic and vegetational changes in Iowa. Soil Sci Soc Am Proc 20:272-3 Ap '56
- Smiley, Terah Leroy, ed. Geochronology, with special reference to southwestern United States. (Ariz. Univ. Physical science bul. no 2; Program in geochronology-dendrochronology, contribution no 1) Univ. of Ariz. press '55 incl bibliog
- Spieker, E. M. Mountain-building chronology and nature of geologic time scale. Am Assn Pet Geol Bul 40:1814-15 Ag '56
- Teichert, C. Some biostratigraphical concepts. Geol Soc Am Bul 69:117-19 Ja '58
- Tilton, G. R. and others. Isotopic composition and distribution of lead, uranium, and thorium in a Precambrian granite. Geol Soc Am Bul 66:1147-8 S '55
- Zeuner, Friedrich Eberhard. Dating the past; an introd. to geochronology. 4th ed rev & enl Longmans '58 p433-90

See also

Paleoclimatology**GEOLOGISTS**

- Angel. Juvenal Londofio. Careers in geology: areas of specialization, training, scholarships, fellowships, opportunities, where employment is found. (Monograph no 50) World trade '58 p25-6

GEOLOGY

- Bibliografisch overzicht. See numbers of K. Nederlandsch aardrijkskundig genootschap. Tijdschrift

- Brown, Howard Elmer and others. Introduction to geology. Ginn '58 incl bibliog

- Chronic, Byron John, and others. Bibliography of theses written for advanced degrees in geology and related sciences at universities and colleges in the United States and Canada through 1957. Pruett press '58 1 v

- Dapples, Edward C. Basic geology for science and engineering. Wiley '59 incl bibliog annot

GEOLOGY—Continued

- English translations of Russian scientific journals and papers. Am Geophys Union Trans 40:125-8 Je '58
- Gellert, J. F. Arbeiten und veröfentlichungen aus dem Geologischen und geographischen institut der Akademie der wissenschaften der Litauischen SSR in Wilna. Petermanns Geog Mitt 102 no 1:39-40 '58
- Gellert, J. F. Neue geologische-geographische arbeiten aus Rumänien. Petermanns Geog Mitt 102 no 1:38-9 '58
- Geological abstracts. Geological soc. of Am. See numbers thru 1958
- Geological society of America. Bibliography and index of geology, exclusive of North America, 1955[-1957] (V20-22) The society '57-'59 3v annot
- Geoscience abstracts. Am. geological inst. See numbers
- Hawkes, L. Some aspects of the progress in geology in the last fifty years. Geol Soc Lond Q J no451:320-1; no455:408-10 My '58, Ap '59
- Kettner, Radim. Všeobecná geologie; vysokoškolská učebnice; 1. Stavba zemské kůry. 3d ed Nakl. Československé akad. věd. '56 incl bibliog
- Kompendien-katalog geologie, paläontologie, petrographie, bodenkunde, mineralogie, lagerstättenkunde, hydrologie, geophysik, meteorologie. Koehler & Volckmar '55 166p
- Kuenen, P. H. Experiments in geology. Geol Soc Glasgow Trans 23:25-7 D '58
- Library association. County libraries section. Geology. (Readers' guide, new ser, no40) The section '57 16p
- Prague. Ústřední technická knihovna. Geologický průzkum. The library '54 1v
- Schultz, John Russell, and Cleaves, Arthur Bailey. Geology in engineering; with a chapter on soil mechanics, by E. J. Yoder. Wiley '55 incl bibliog
- Science abstracts of China. Earth sciences. Inst. of scientific information, Acad. sinica. See numbers
- Titles and abstracts of geological and geographical papers published in Japan [1948-1954] Japan J Geol & Geog 24:1-32 Mr '54 (at end)
- Turner, Daniel S. Bibliography of geology theses, colleges and universities of the United States. Petroleum research co. '54 482p
- Warsaw. Instytut geologiczny. Katalog wydawnictw; stan na dzień 1. I. 1956 r. Wydawn. geologiczne '56 74p
- Zumbege, James Herbert. Elements of geology. Wiley '58 incl bibliog
- See also
- Alluvium
 - Boulders
 - Drift
 - Earth
 - Earthquakes
 - Glacial geology
 - Metamorphism
 - Mineralogy
 - Mountains
 - Ocean
 - Ore deposits
 - Paleobotany
 - Paleoclimatology
 - Paleogeography
 - Paleontology
 - Pediments (geology)
 - Petrology
 - Physical geography
 - Rocks
 - Rocks, Crystalline and metamorphic
 - Rocks, Igneous
 - Sedimentation and deposition
 - Submarine geology
 - Submarine topography
 - Volcanoes
 - Weathering (rocks)
- History
- Pangborn, M. W. History of the popularization of geology in America: a bibliographical survey. Wash Acad Sci J 49:226-7 Jl '59
- Maps
- Wells, J. W. Notes on the earliest geological maps of the United States, 1756-1832. Wash Acad Sci J 49:203-4 Jl '59

Nomenclature

- United States. Geological survey. Geologic names committee. Stratigraphic nomenclature in reports of the United States Geological survey. The committee '53 p43-8

Study and teaching

- Marple, Mildred Fisher, and Brown, Walter Converse. Handbook for teachers of earth science. (Information circ. no 15) Ohio. Div. of geological survey '55 p55-9

Africa

- Bond, G. Madumabisa (Karoo) shales in the middle Zambesi region. Geol Soc S Africa Trans 58:97-8 '55
- Brock, B. B. Structural mosaics and related concepts. Geol Soc S Africa Trans 59:193-4 197 '56
- Commission for technical co-operation in Africa south of the Sahara. Geological bibliography of Africa south of the Sahara. Bibliographie géologique de l'Afrique au sud du Sahara. The commission '56?-'59 2v
- Krenkel, Erich. Geologie und bodenschätze Afrikas. 2d rev ed Geest & Portig '57 p573-97
- Liebenberg, W. R. Occurrence and origin of gold and radioactive minerals in the Witwatersrand system, the Dominion reef, the Ventersdorp Contact reef and the Black reef. Geol Soc S Africa Trans 58:223-7 '55
- Mabbutt, J. A. Erosion surfaces in Namaqualand and the ages of surface deposits in the south-western Kalahari. Geol Soc S Africa Trans 58:29-30 '55

Alaska

- Joesting, H. R. Geophysical exploration in Alaska. Arctic 7 no 3:174-5 '54
- Péwé, T. L. Origin of the upland silt near Fairbanks, Alaska. Geol Soc Am Bul 66: 723-4 Je '55
- Wahrhaftig, C. and Cox, A. Rock glaciers in the Alaska range. Geol Soc Am Bul 70: 434-6 Ap '59

Alberta

- Glaister, R. Perry. Lower cretaceous of southern Alberta and adjoining areas. Am Assn Pet Geol Bul 43:638-40 Mr '59

Algeria

- Polvéche, J. Le crétacé inférieur dans l'Ouarsenis occidental. Soc Géol France Bul 6: 920-1 Jl '57

Alps

- Kober, Leopold. Bau und entstehung der Alpen. 2d rev ed Deuticke '55 p366-76
- Trümpy, R. Quelques problèmes de paléogéographie alpine. Soc Géol France Bul 7:458-61 D '57
- Winkler-Hermaden, Artur. Geologisches kräftespiel und landformung; grundsätzliche erkenntnisse zur frage junger gebirgsbildung und landformung. Springer '57 p754-92
- Ziegler, J. H. Lituola grandis (Reuss) aus dem untermaastricht der Bayerischen alpen. Palaeontographica secA 112:126-30 Ja '59

Alsace

- Dubois, Georges Eugène, and Dubois, Camille. La géologie de l'Alsace, aperçu général et excursions géologiques. (Strasbourg. Univ. Service de la carte géologique d'Alsace et de Lorraine. Mémoires, no 13) Impr. La Haute-Loire '55 p289-304

Amazon valley

- Camargo Mendes, J. Notas sobre a bacia sedimentar amazônica. Bol Paulista Geog 26:34-7 Jl '57

Argentina

- Dessanti, R. N. Geologic outline of natural regions of Mendoza, Argentina. Am Assn Pet Geol Bul 42:2689-91 N '58

Arizona

- Epis, R. C. and Gilbert, C. M. Early paleozoic strata in southeastern Arizona. Am Assn Pet Geol Bul 41:2241-2 O '57
- Sabins, F. F. Geology of the Cochise Head and western part of the Vanar quadrangles, Arizona. Geol Soc Am Bul 68:1341 O '57
- Sabins, F. F. Stratigraphic relations in Chiricahua and Dos Cabezas mountains, Arizona. Am Assn Pet Geol Bul 41:509-10 Mr '57

GEOLOGY—Continued

Asia

- Kobayashi, T. On the southwestern wing of the Akiyoshi orogenic zone in Indochina and south China and its tectonic relationship with the other wing in Japan. *Japan J Geol & Geog* 22:35-7 Mr '52

Australia

- Australasian institute of mining and metallurgy, Melbourne. *Geology of Australian ore deposits; a symposium arr. by a com. of the Institute and ed. by A. B. Edwards. (Empire mining and metallurgical congress. 5th, Australia and New Zealand, 1953. Pubs, v 1) Office of the congress '53 incl bibliog*
- Rade, J. Structural control of uranium mineralization in Australia. *Geol Mag* 96:189-90 My '59
- Williamson, W. O. Silicified sedimentary rocks in Australia. *Am J Sci* 255:39-41 Ja '57

Brazil

- Bibliografia e indice da geologia do Brasil, 1945-1950[1951-1955] (Boletim no 164, 177) Divisão de geologia & mineralogia, Dept. nacional da produção mineral '57 2v
- Leonardos, Othon Henry. Carbonatitos com apatita e pirocloro. (Avulso no80) Brazil. Div. de fomento da produção mineral '56 p28
- Malzahn, Erich, and others. Beiträge zur geologie von Brasilien. (Geologisches Jahrbuch. Beihefte, no25) Amt für bodenforschung '57 incl bibliog
- Putzer, H. Geologia da folha de Tubarao. Brazil Fomento Prod Min Bol 96:93-4 '55

British Columbia

- Aho, A. E. Geology and genesis of ultrabasic nickel-copper-pyrrhotite deposits at the Pacific nickel property, southwestern British Columbia. *Econ Geol* 51:480-1 Ag '56
- Mathews, W. H. Geology of the Mount Garibaldi map-area, southwestern British Columbia, Canada. *Geol Soc Am Bul* 69:177-8 F '58
- Mathews, W. H. Petrology of quaternary volcanics of the Mount Garibaldi map-area, southwestern British Columbia. *Am J Sci* 255:415 Je '57
- White, W. H. Cordilleran tectonics in British Columbia. *Am Assn Pet Geol Bul* 43: 99-100 Ja '59

California

- Allen, C. R. San Andreas fault zone in San Geronio pass, southern California. *Geol Soc Am Bul* 68:347-9 Mr '57
- Borg, I. Y. Glauconite schists and eclogites near Healdsburg, California. *Geol Soc Am Bul* 67:1582-3 D '56
- Bowen, Oliver E. Geology and mineral deposits of Barstow quadrangle, San Bernardino county, California; and Thermal properties of ceramic materials from Barstow quadrangle, California, by Joseph A. Pask and Oliver E. Bowen. (Bul. 165) Calif. Div. of mines '54 p 183-5, 199
- Bradley, W. C. Origin of marine-terrace deposits in the Santa Cruz area, California. *Geol Soc Am Bul* 68:441-4 Ap '57
- California. Department of public works. Division of water resources. Revised bibliography for geologic map index of unpublished mapping and reports in California, January 1937 to January 1954. (Water quality investigation) The division '54 51p
- Clark, Lorin D. Geology and mineral deposits of the Calaveritas quadrangle, Calaveras county, California. (Special rep. 40) Calif. Div. of mines '54 p21-3
- Crowell, J. C. Origin of pebbly mudstones. *Geol Soc Am Bul* 68:1007-9 Ag '57
- Flint, R. F. and Gale, W. A. Stratigraphy and radiocarbon dates at Searles lake, California. *Am J Sci* 256:712-14 D '58
- Hall, Clarence A. Geology and paleontology of the Pleasanton area, Alameda and Contra Costa counties, California. (Calif. Univ. Pubs. in geological sciences, v34, no 1) Univ. of Calif. press '58 p60-3
- Hill, M. L. and others. Stratigraphy of Cuyama valley—Caliente Range area, California. *Am Assn Pet Geol Bul* 42:2999-3000 D '58
- Irwin, W. P. Franciscan group in coast ranges and its equivalents in Sacramento Valley, California. *Am Assn Pet Geol Bul* 41:2296-7 O '57

- Muehlberger, W. R. Geology of northern Soledad basin, Los Angeles county, California. *Am Assn Pet Geol Bul* 42:1843-4 Ag '58
- Reiter, M. Seasonal variations in intertidal foraminifera of Santa Monica bay, California. *J Paleont* 33:629-30 Jl '59

California, Lower

- Wilson, Ivan Franklin, and Rocha, Victor S. Geology and mineral deposits of the Boleo copper district, Baja California, Mexico. (U.S. Geological survey, Professional paper 273) U.S. Gov. ptg. office '55 p 128-32
- Same; with title: Geología y depósitos minerales del distrito cuprífero del Boleo, Baja California, México; con una sección sobre el Contenido de cobre de las rocas por Michael Fleischer [et al] (Bol. no41) Inst. nacional para la investigación de recursos minerales '57 p375-91

Canada

- Alberta society of petroleum geologists. Lexicon of geologic names in Alberta and adjacent portions of British Columbia and Northwest Territories. The society '54 incl bibliog
- Canada. Geological survey. List of recently published memoirs, preliminary papers and maps of Ontario. The survey '54 28p
- Canadian geological abstracts. See numbers of Canadian mining journal
- Gill, James Edward, ed. Proterozoic in Canada. (Royal soc. of Canada. Special pubs, no2) Univ. of Toronto press '57 incl bibliog
- Gussow, W. C. Athabasca formation of western Canada. *Geol Soc Am Bul* 70:17-18 Ja '59
- Hunt, A. D. and Ratcliffe, J. D. Triassic stratigraphy, Peace River area, Alberta and British Columbia, Canada. *Am Assn Pet Geol Bul* 43:588-9 Mr '59

Canary islands

- Hausen, Hans. Contributions to the geology of Tenerife (Canary islands) (Commentationes physico-mathematicae, xviii, 1) Finska vetenskaps-societeten '55 p248-54

Caribbean region

- Officer, C. B. and others. Geophysical investigations in the eastern Caribbean. *Geol Soc Am Bul* 68:377-8, 911-12 Mr, Jl '57

Central America

- Chubb, L. J. Upper cretaceous of central Chiapas, Mexico. *Am Assn Pet Geol Bul* 43:754-6 Ap '59

China

- Lu, Y. H. Permian of Liangshan and its bearing on the classification and correlation of the Permian rocks of South China. *Scientia Sinica* 5:753-61 D '56
- P'an, K. On the paleozoic stratigraphy of the Nanking hills. *Scientia Sinica* 5:557-9 S '56

Colombia

- Instituto geofísico de los Andes colombianos. Bibliografía de la Biblioteca del Instituto sobre geología y geofísica de Colombia. 2d ed. corregida y aumentada por Jesús Emilio Ramirez. (Banco de la República. Bogotá. Archivo de la economía nacional. Pubs. 20) Impr. del Banco de la República '56 521p

Colorado

- Boos, C. M. and Boos, M. F. Tectonics of eastern flank and foothills of Front Range, Colorado. *Am Assn Pet Geol Bul* 41:2674-6 D '57
- Frederickson, E. A. and others. Ralston formation of Cañon City embayment, Colorado. *Am Assn Pet Geol Bul* 40:2147-8 S '56
- Heinrich, E. W. and Bever, J. E. Occurrences of sillimanite-group minerals in Park and Fremont counties, Colorado. *Colo Sch Mines Q* 52:54-5 O '57
- Hoffman, F. H. Possibilities of Weber stratigraphic traps, Rangely area, northwest Colorado. *Am Assn Pet Geol Bul* 41:904-5 My '57
- Hunt, Charles Butler. Cenozoic geology of the Colorado plateau. (U.S. Geological survey, Professional paper 279) U.S. Gov. ptg. office '56 p87-95
- Kelley, Vincent Cooper. Regional tectonics of the Colorado plateau and relationship to the origin and distribution of uranium. (N.Mex. Pubs. in geology, no5) Univ. of N.Mex. press '55 p 115-20

GEOLOGY—Colorado—Continued

Merrill, W. M. and Winar, R. M. Molas and associated formations in San Juan-basin-Needle Mountains area, southwestern Colorado. *Am Assn Pet Geol Bul* 42:2131-2 S '58

Congo, Belgian

Cahen, Lucien. *Géologie du Congo belge*: préf. de P. Fourmarier. Vaillant-Carmanne '54 incl bibliog

Tervueren, Belgium. Musée du Congo belge et du Ruanda-Urundi. The museum '52-'57 5v

Egypt

Review of Egyptian geology. (Egyptian reviews of science, v 1) Science council '57 91p

England

Bott, M. H. P. and Masson-Smith, D. Geological interpretation of a gravity survey of the Alston block and the Durham coalfield. *Geol Soc Lond Q J* no449:116-17 O '57

Clifford, T. N. Stratigraphy and structure of part of Kintail district of southern Ross-Shire. *Geol Soc Lond Q J* no449:83-4 O '57

Davies, George MacDonald. Dorset coast: a geological guide. 2d ed Black '56 p 113-22

Greensmith, J. T. Lithology, with particular reference to cementation, of upper carboniferous sandstones on northern Derbyshire, England. *J Sed Petrol* 57:415-16 D '57

Pinchemel, Philippe. Les plaines de craie du nord-ouest du bassin parisien et du sud-est du bassin de Londres et leurs bordures; étude de géomorphologie. Colin '54 p461-90

Reading, H. G. Stratigraphy and structure of the Cotherstone syncline. *Geol Soc Lond Q J* no449:52-3 O '57

Far East

Nagappa, Y. Foraminiferal biostratigraphy of the cretaceous-eocene succession in the India-Pakistan-Burma region. *Micropaleontology* 5:173-7 Ap '59

Florida

Ginsburg, R. N. Environmental relationships of grain size and constituent particles in some south Florida carbonate sediments. *Am Assn Pet Geol Bul* 40:2426-7 O '56

Formosa

Juan, Wei-chou. Physiography and geology of Taiwan. (Pamphlets on Chinese affairs) China culture pub. foundation '54 p39-45

France

Jodot, P. and Rey, R. Observations stratigraphiques et malacologiques sur les bassins lacustres de Saint-Alban-sur-Limagnole (Lozère) et de Massiac (Cantal) *Soc Géol France Bul* 6:966-8 Jl '57

Mathieu, G. Site géologique de l'ancienne cité de Châtel-Aillon (Castrum Allionis) et l'évolution de la côte de l'Aunis. *Noröis* 1: 362-3 O '54

Ménien, F. Contribution à l'étude stratigraphique et sédimentologique de l'Aalénien en Haute-Marne. *Soc Géol France Bul* 8: 147-8 N '58

Ovtracht, A. and Fournié, L. Signification paléogéographique des griottes dévoniennes de la France méridionale. *Soc Géol France Bul* 6:78-80 O '56

Pinchemel, Philippe. Les plaines de craie du nord-ouest du bassin parisien et du sud-est du bassin de Londres et leurs bordures; étude de géomorphologie. Colin '54 p461-90

Rieucan, L. Terrasses de la Garonne dans l'Agenais. *Soc Géol France Bul* 8:337-8 D '58

Germany

Keller, Gerhard. Geologischer exkursionsführer für Osnabrück; anlässlich der 104. hauptversammlung der Deutschen geologischen gesellschaft 1952 in Osnabrück herausgegeben. The author '52 incl bibliog

Kuenen, P. H. and Sanders, J. E. Sedimentation phenomena in Kuhl and Flözleeres graywackes, Sauerland and Oberharz, Germany. *Am J Sci* 254:670-1 N '56

Woldstedt, Paul. Norddeutschland und angrenzende gebiete im eiszeitalter. 2d rev ed (Geographische handbücher) Koehler '55 p435-60

Great Britain

Dunham, K. C. Age-relations of the epigenetic mineral deposits of Britain. *Geol Soc Glasgow Trans* 21:423-9 My '54

Great Lakes

Hough, Jack Luin. *Geology of the Great Lakes*. Univ. of Ill. press '58 p297-310

Greece

Aubouin, J. Essai de corrélations stratigraphiques en Grèce occidentale. *Soc Géol France Bul* 7:302-4 D '57

Brunn, J. H. Mouvements verticaux et translations dans le couple axe ancien-sillon orogène de la Grèce septentrionale. *Soc Géol France Bul* 7:324-5 D '57

Renz, Carl. Die vorneogene stratigraphie der normalsedimentären formationen Griechenlands. Athens. Inst. for geology & sub-surface research '55 incl bibliog

Greenland

Koch, Lauge. Literature from the Danish East Greenland expeditions published in the Meddelelser om Grønland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 143, no3) C. A. Reitzel '54 20p

Gulf Coast region

Halbouty, M. T. and Hardin, G. C. Genesis of salt domes of Gulf coastal plain. *Am Assn Pet Geol Bul* 40:745-6 Ap '56

Gulf of Mexico

Galtsoff, Paul Simon. Gulf of Mexico: its origin, waters, and marine life; prepared by Am. scientists. (U.S. Fish and wildlife service. Fishery bul. 89) U.S. Gov. ptg. office '54 incl bibliog

Gulf states

Texas. University. Geological society. Bibliography of Gulf-coast cenozoic formations, including Texas, Louisiana, Mississippi, Alabama, Georgia, Florida, Arkansas and Tennessee, through June 1949. The society '5-? 94p

Hawaiian Islands

Hamilton, E. L. Marine geology of the southern Hawaiian ridge. *Geol Soc Am Bul* 68:1026 Ag '57

Kuno, H. and others. Differentiation of Hawaiian magmas. *Japan J Geol & Geog* 28: 216-18 D '57

Hesse

Hesse, Landesamt für bodenforschung. Verzeichnis verkäuflicher veröffentlichungen aus der vertriebsstelle des Landesamtes; stand vom 1. februar 1957. The office '57 55p

Himalaya

Paffen, K. H. and others. Forschungen im Hunza-Karakorum. *Erdkunde* 10:32-3 Ja '56

Hungary

Vadász, M. Elemér. Magyarország földtana. Akadémiai kiadó '53 incl bibliog

Iceland

Bemmelen, Reinout Willem van, and Rutten, Martin Gerard. Tablemountains of northern Iceland (and related geological notes) Brill '55 p208-10

Idaho

Ross, Clyde Polhemus, and Forrester, James Donald. Outline of the geology of Idaho. (Bul. no 15) Idaho. Bur. of mines & geology '58 p61-4

Scholten, R. Paleozoic evolution of the geosynclinal margin north of the Snake River plain, Idaho-Montana. *Geol Soc Am Bul* 68:170 F '57

Scholten, R. and others. Geology of the Lima region, southwestern Montana and adjacent Idaho. *Geol Soc Am Bul* 66:401-3 Ap '55

India

Chatterjee, S. C. Peridotites of Manpur, Singhbhum district, Bihar, India, and origin of associated asbestos deposits. *Geol Soc Am Bul* 66:104 Ja '55

Mohan, K. and Chatterji, A. K. Stratigraphy of the miocene beds of Kathiawar, western India. *Micropaleontology* 2:355-6 O '56

GEOLOGY—India—Continued

Morgan, J. P. and McIntire, W. G. Quaternary geology of the Bengal basin, East Pakistan and India. *Geol Soc Am Bul* 70: 340-1 Mr '59

Pichamuthu, Charles S. Charnockite problem. *Mysore geologists' assn.* '53 p 149-63

Sen, S. Structures of the porphyritic granites and associated metamorphic rocks of east Manbhūm, Bihar, India. *Geol Soc Am Bul* 67:669-70 My '56

Subramaniam, A. P. Mineralogy and petrology of the Sittampundi complex, Salem district, Madras state, India. *Geol Soc Am Bul* 67:386-9 Mr '56

Sukheswala, R. N. and Poldervaart A. Deccan basalts of the Bombay area, India. *Geol Soc Am Bul* 69:1492-4 D '58

Indiana

Indiana. Geological survey. Rocks associated with Mississippian-Pennsylvanian unconformity in southwestern Indiana; conference sponsored by Geological survey, Ind. Dept. of conservation and Dept. of geology, Ind. univ, Oct 4, 5, and 6, 1957. (Field conference guidebk. no9) The survey '57 p33-4

Pinsak, Arthur P. Subsurface stratigraphy of the Salem limestone and associated formations in Indiana. (Bul. no 11) Ind. Geological survey '57 p61-2

Iowa

Scholtes, W. H. Properties and classification of the paha loess-derived soils in north-eastern Iowa. *Iowa St Coll J Sci* 30:206-9 N 15 '55

Ireland

Rothstein, A. T. V. Dawros peridotite, Connemara, Eire. *Geol Soc Lond Q J* no 449: 22-3 O '57

Whitten, E. H. T. Tuffisites and magnetite tuffisites from Troy island, Ireland, and related products of gas action. *Am J Sci* 257:135-7 F '59

Islands of the Pacific

United States. Army. Far East command. Catalogue of translations of Japanese geological literature of the Pacific islands, prepared by Geological surveys branch, Intelligence division. The command '54 34p

United States. Army. Forces in the Far East. Annotated bibliography of geologic and soils literature of western North Pacific islands. The forces '56 884p

Italy

Italy. Consiglio nazionale delle ricerche. Comitato per la geografia, geologia e mineralogia. *Bibliografia geologica d' Italia*; v 1, Lazio; ed. by C. Maxia. Tip. genovese '56 173p

Japan

Kobayashi, T. and Igō, H. On the occurrence of crotalocephalus, Devonian trilobites, in Hida, west Japan. *Japan J Geol & Geog* 27:153-5 N '56

United States. Army. Far East command. Catalogue of translations of Japanese geological literature of the Pacific islands, prepared by Geological surveys branch, Intelligence division. The command '54 34p

Kansas

Hattin, Donald E. Depositional environment of Wreford megacyclothem (lower Permian) of Kansas. (Kan. Geological survey. Bul. 124) Univ. of Kan. '57 p 115-17

Kentucky

Jillson, Willard Rouse. Bibliography of county geological reports in Kentucky during the past century, 1856-1956. Roberts print co. '57 18p

Overstreet, Anne E. Books, pamphlets, and reprints of Willard Rouse Jillson; a bibliog (1917-1953) Linden press '54 33p

Labrador

Baird, David McCurdy, and others. Bibliography of the geology of Newfoundland 1936-1954. Bibliography of the geology of Labrador 1814-1954. (Newfoundland. Dept. of mines and resources. Bul. no36) St John's '54 47p

Libya

McBurney, Charles Brian Montagu, and Hey, Richard William. Prehistory and pleistocene geology in Cyrenaican Libya; a record of two seasons' geological and archaeological fieldwork in the Gebel Akhdar hills, with a summary of prehistoric finds from neighbouring territories. (Cambridge. Univ. Museum of archaeology and ethnology. Occasional pubs, no4) Cambridge '55 p304-8

Louisiana

Martin, James L. and others. Geology of Webster parish. (Geological bul. no29) La. Geological survey '54 p227-44

Wang, Chia-kêng. Geology of Ouachita parish. (Geological bul. no28) La. Geological survey '52 p 109-19

Maine

Maine. Geological survey. Bibliography on Maine geology, 1836-1957. Dept. of economic development '58 143p

—Supplement 1. Dept. of economic development '59 10p

Maltese islands

Hyde, Herbert P. T. Geology of the Maltese islands, with special reference to water supply and the possibilities of oil. The author '55 p 114-24

Maritime alps

Faure-Muret, Anne. Etudes géologiques sur le massif de l'Argentera-Mercantour et ses enveloppes sédimentaires. (France. Service de la carte géologique de la France. Mémoires pour servir à l'explication de la carte géologique détaillée de la France) Impr. nat. '55 p319-28

Maryland

Schlee, J. Upland gravels of southern Maryland. *Geol Soc Am Bul* 68:1399-1401 O '57

Whitaker, J. C. Geology of Catoclin mountain, Maryland and Virginia. *Geol Soc Am Bul* 66:461-2 Ap '55

Massachusetts

Balk, R. Geology of Mount Holyoke quadrangle, Massachusetts. *Geol Soc Am Bul* 68:503-4 Ap '57

Mexico

Albritton, C. C. Quaternary stratigraphy of the Guadiana valley, Durango, Mexico. *Geol Soc Am Bul* 69:1214-15 O '58

Koch, G. S. Frisco mine, Chihuahua, Mexico. *Econ Geol* 51:39-40 Ja '56

Mixon, R. B. and others. Age and correlation of Huizachal group (mesozoic) state of Tamaulipas, Mexico. *Am Assn Pet Geol Bul* 43:770-1 Ap '59

Rogers, Cleaves L. and others. General geology and phosphate deposits of Concepción del Oro district, Zacatecas, Mexico; geologic investigations in the Am. republics. (U.S. Geological survey. Bul. 1037-A) U.S. Gov. ptg. office '56 p94-7

Scott, J. B. Structure of the ore deposits at Santa Barbara, Chihuahua, Mexico. *Econ Geol* 53:1037 D '58

Stewart, H. B. Sedimentary reflections of depositional environment in San Miguel lagoon, Baja California, Mexico. *Am Assn Pet Geol Bul* 42:2616-18 N '53

Michigan

Huber, N. K. Some aspects of the origin of the Ironwood iron-formation of Michigan and Wisconsin. *Econ Geol* 54:116-18 Ja '59

Martin, Helen Mandeville, and Straight, Muriel Tara. Index of the geology of Michigan, 1823-1955. (Mich. Geological survey div. Pub. 50) Speaker-Hines & Thomas '56 incl bibliog

Melhorn, W. N. Stratigraphic analysis of Silurian rocks in Michigan basin. *Am Assn Pet Geol Bul* 42:837-8 Ap '58

Middle East

Karpoft, R. Esquisse géologique de l'Arabie séoudite. *Soc Géol France Bul* 6:693-7 Mr '58

Middle West

Gutstadt, A. M. Upper Ordovician stratigraphy in eastern interior region. *Am Assn Pet Geol Bul* 42:544-7 Mr '58

GEOLOGY—Continued

Minnesota

Grout, Frank F. and others. Geology of Cook county, Minnesota. (Minn. Geological survey. Bul. 39) Univ. of Minn. press '59 p 158-60

Mississippi valley

Andrews, G. W. Windrow formation of upper Mississippi Valley region: a sedimentary and stratigraphic study. J Geol 66:621-2 N '58

Missouri

Bibliography of the geology of Missouri, 1956[1-1958] Mo. Div. of geological survey & water resources '57-'59 3v
Clark, Edward Lee, and others. Bibliography of the geology of Missouri, 1945-1955. (Reps, 2d ser, v38) Mo. Div. of geological survey and water resources '56 146p

Montana

Eckelmann, F. D. and others. Geologic evolution of the Beartooth mountains, Montana and Wyoming. Geol Soc Am Bul 68:1259-61; 70:507-8, 1215-16 O '57, Ap. S '59
Gardner, L. S. Revision of Big Snowy group in central Montana. Am Assn Pet Geol Bul 43:348-9 F '59
Glaister, R. Perry. Lower cretaceous of southern Alberta and adjoining areas. Am Assn Pet Geol Bul 43:638-40 Mr '59
Knopf, A. Boulder batholith of Montana. Am J Sci 255:101-3 F '57
McMannis, W. J. Geology of the Bridger range, Montana. Geol Soc Am Bul 66:1429-30 N '55
Richards, Paul William. Geology of the Bighorn Canyon-Hardin area, Montana and Wyoming; a description of the geography, stratigraphy, structure, geomorphology, and mineral resources of the area. (U.S. Geological survey. Bul. 1026) U.S. Gov. ptg. office '55 p88-90
Scholten, R. and others. Geology of the Lima region, southwestern Montana and adjacent Idaho. Geol Soc Am Bul 66:401-3 Ap '55

Morocco

Géologie du Maroc. (Notes et mémoires, no 100) Service géologique du Maroc '52 p 173-94
Morocco. Service géologique. Catalogue des publications du Service géologique du Maroc. The service '53 20p

Netherlands

Nederlandsch geologisch mijnbouwkundig genootschap. Geologische geschiedenis van Nederland; toelichting bij de geologische overzichtskaart van Nederland op de schaal 1:200,000, door H. D. M. Burck [et al onder redactie van A. J. Pannekoek. Staatsdrukkerij- en uitgeverijbedrijf '56 incl bibliog
—Same, with title: Geological history of the Netherlands; explanation to the general geological map of the Netherlands on the scale of 1:200,000, by H. D. M. Burck [and others] ed. by A. J. Pannekoek. Staatsdrukkerij- en uitgeverijbedrijf '56 incl bibliog

Nevada

Drewes, H. Structural geology of the southern Snake Range, Nevada. Geol Soc Am Bul 69:238-9 F '58
Roberts, R. J. and others. Paleozoic rocks of north-central Nevada. Am Assn Pet Geol Bul 42:2855-7 D '58
Van Houten, F. B. Reconnaissance of cenozoic sedimentary rocks of Nevada. Am Assn Pet Geol Bul 40:2824-5 D '56

New Hampshire

Lyons, J. B. Geology of the Hanover quadrangle, New Hampshire-Vermont. Geol Soc Am Bul 66:143-5 Ja '55
Lyons, J. B. and others. Lead-alpha ages of some New Hampshire granites. Am J Sci 255:545-6 O '57
New Hampshire. State planning and development commission. Geology of New Hampshire. The commission '51-'56 3v v 1, p77; v2, p 156-66; v3, p87-105

New Mexico

Beaumont, E. C. and others. Revised nomenclature of Mesaverde group in San Juan basin, New Mexico. Am Assn Pet Geol Bul 40:2161-2 S '56

Burks, Marian R. and Schilling, John Harold. Bibliography of New Mexico geology and mineral technology through 1950. (N.Mex. Bur. of mines and mineral resources. Bul. 43) N.Mex. Inst. of mining & technology '55 198p

Hull, J. P. D. Petrogenesis of Permian Delaware mountain sandstone, Texas and New Mexico. Am Assn Pet Geol Bul 41:306-7 F '57

Schilling, Constance F. and Schilling, John Harold. Bibliography of New Mexico geology and mineral technology, 1951-1955. (Bul. 52) N.Mex. Bur. of mines & mineral resources '56 136p

Tomkins, J. Q. Bisti oil field, San Juan county, New Mexico. Am Assn Pet Geol Bul 41:921-2 My '57

New York (state)

Balsley, J. R. and Buddington, A. F. Iron-titanium oxide minerals, rocks, and aeromagnetic anomalies of the Adirondack area, New York. Econ Geol 53:804-5 N '58
Craddock, J. C. Stratigraphy and structure of the Kinderhook quadrangle, New York, and the Taconic klippe. Geol Soc Am Bul 68:720-3 Je '57
Dietrich, Richard Vincent. Precambrian geology and mineral resources of the Brier Hill quadrangle, New York. (N.Y. State museum. Albany, Bul. no354) Univ. of the State of N.Y. '57 p 115-17
Engel, A. E. J. and Engel, C. G. Progressive metamorphism and granitization of the major paragneiss, northwest Adirondack mountains, New York. Geol Soc Am Bul 69:1412-13; 71:55-7 N '58, Ja '60
Friedman, J. Development of geologic thought concerning Ulster county, New York. Wash Acad Sci J 49:255 Jl '59
Gillson, J. L. Genesis of titaniferous magnetites and associated rocks of the Lake Sanford district, New York. Min Eng 8:301 Mr '56
Merritt, R. S. and Muller, E. H. Depth of leaching in relation to carbonate content of till in central New York state. Am J Sci 257:478-80 Summer '59
Oxley, P. and Kay, M. Ordovician Chazy series of Champlain valley, New York and Vermont, and its reefs. Am Assn Pet Geol Bul 43:852-3 Ap '59
Scotford, D. M. Metamorphism and axialplane folding in the Poundridge area, New York. Geol Soc Am Bul 67:1197-8 S '56
Stewart, David P. Pleistocene geology of the Watertown and Sackets Harbor quadrangles, New York. (N.Y. State museum, Albany, Bul. 369) Univ. of the state of N.Y. '58 p77-9
Weaver, J. D. Stratigraphy and structure of the Copake quadrangle, New York. Geol Soc Am Bul 68:760-1 Je '57

New Zealand

Brothers, R. N. Structure and petrography of Greywackes near Auckland, New Zealand. Roy Soc N Z Trans 83:481-2 Ja '56
Collins, B. W. Abstracts of papers on New Zealand geology published during 1951 [1-1955]. N Z J Sci & Tech secB 34:189-204; 35:284-97; 36:411-28; 37:416-35; 38:903-24 N '52, N '53, Ja, N '55, S '57
Collins, B. W. New Zealand geological abstracts. N Z J Geol & Geophys 1:395-418 My '58
Kear, D. Pumice chronology in New Zealand. N Z J Sci & Tech secB 38:869-70 S '57
Kear, D. Stratigraphy of the Kaawa-Ohuka coastal area, west Auckland. N Z J Sci & Tech secB 38:841-2 S '57
Kingma, J. T. Tectonic history of New Zealand. N Z J Geol & Geophys 2:50-5 F '59
Lensen, G. J. Wellington fault from Cook strait to Manawatu gorge. N Z J Geol & Geophys 1:195-6 F '58
Steiner, A. Petrogenetic implications of the 1954 Ngauruhoe lava and its xenoliths. N Z J Geol & Geophys 1:360-3 My '58
Stevens, G. R. Stratigraphy of the Hutt valley, New Zealand. N Z J Sci & Tech secB 38:223-5 N '56
Studdt, F. E. Geophysical reconnaissance at Kawerau, New Zealand. N Z J Geol & Geophys 1:245-6 My '58
Thompson, B. N. Geology of the Atiamuri Dam site. N Z J Geol & Geophys 1:305-6 My '58
Waterhouse, J. B. and Bradley, J. Redeposition and slumping in the cretaceous-tertiary strata of S. E. Wellington. Roy Soc N Z Trans 84:547-8 Ap '57

GEOLOGY—Continued

Newfoundland

Baird, David McCurdy, and others. Bibliography of the geology of Newfoundland 1936-1954. Bibliography of the geology of Labrador 1814-1954. (Newfoundland. Dept. of mines and resources. Bul. no36) St John's '54 47p

North America

Correlation of the triassic formations of North America exclusive of Canada. Geol Soc Am Bul 68:1503-13 N '57
Francis, D. R. Jurassic stratigraphy of Williston Basin area. Am Assn Pet Geol Bul 41:397-8 Mr '57

Honkala, F. S. Selected bibliography of standard stratigraphic sections of North America. Geol Soc Am Bul 66:153-4 Ja '55
King, Philip Burke. Evolution of North America. Princeton univ. press '59 incl bibliog
Peterson, J. A. Marine Jurassic of northern Rocky mountains and Williston basin. Am Assn Pet Geol Bul 41:438-40 Mr '57
Porter, J. W. and Fuller, J. G. C. M. Lower paleozoic rocks of northern Williston basin and adjacent areas. Am Assn Pet Geol Bul 43:188-9 Ja '59

Royal society of Canada. Grenville problem; ed. by James E. Thomson. (Special pubs. no 1) Univ. of Toronto press '56 incl bibliog
St Amand, P. Geological and geophysical synthesis of the tectonics of portions of British Columbia, the Yukon territory, and Alaska. Geol Soc Am Bul 68:1369-70 O '57
Stone, D. S. Origin and significance of breccias along northwestern side of Lake Champlain. J Geol 65:96-7 Ja '57
United States. Geological survey. Bibliography of North American geology, 1940-1949 by Ruth Reece King [and others] (Bul. 1049) U.S. Gov. ptg. office '57 2v
United States. Geological survey. Bibliography of North American geology, 1952-1953 (1-1956) (Bul. 1035, 1054, 1065, 1075) U.S. Gov. ptg. office '56-'59 4v

North Dakota

Aronow, S. On the postglacial history of the Devils Lake region, North Dakota. J Geol 65:426-7 Jl '57
Hainer, John L. Geology of North Dakota. (Bul. 31) N.D. Geological survey '56 p44-6

Northwest

Sandberg, C. A. and Hammond, C. R. Devonian system in Williston basin and central Montana. Am Assn Pet Geol Bul 42:2333-4 O '58

Norway

Birkeland, T. Geological and petrological investigations in northern Trøndelag, western Norway. Norsk Geol Tids 38 no3:419-20 '58
Forbes, C. L. and others. Paleontological evidence for the age of the carboniferous and Permian rocks of central Vestspitsbergen. Geol Mag 95:488-90 N '58
Green, J. C. Geology of the Storkollen-Blankenberg area, Kragerø, Norway. Norsk Geol Tids 36 no2:138-40 '56
Heier, K. Geology of the Ørdsalen district, Rogaland, S. Norway. Norsk Geol Tids 36 no3:210-11 '56
Wegmann, E. Flexure axiale de la Driva et quelques problèmes structuraux des calédonides scandinaves. Norsk Geol Tids 39 no 1:71-4 '59

Nova Scotia

Kelley, D. G. Mississippian stratigraphy and petroleum possibilities of central Cape Breton island, Nova Scotia. Can Min & Met Bul 51:351 Je '58

Nyasaland

Cooper, William Gerald Groves. Geology and mineral resources of Nyasaland, rev ed (Nyasaland. Geological survey. Bul. no6) Gov. printer '57 p25-31

Ohio

Farnsworth, Carolyn. Geological investigations in Ohio, 1956. (Information circ. no21) Ohio. Div. of geological survey '57 33p

Oklahoma

Cook, K. L. Regional gravity survey in north-eastern Oklahoma and southeastern Kansas. Geophysics 21:104-6 Ja '56

Davis, Leon V. Geology and ground water resources of Grady and Northern Stephens counties, Oklahoma. (Bul. no73) Okla. geological survey '55 p 174-7

Hamilton, W. B. Precambrian rocks of Wichita and Arbuckle mountains, Oklahoma. Geol Soc Am Bul 67:1329-30 O '56

Morgan, James Leland. Spores of McAlester coal. (Circ. 36) Okla. Geological survey '55 p44-9

Shale shaker. Shale shaker digest; a comp. of unaltered geologic papers from Shale shaker vols. 1-5, 1950-1955. Oklahoma City geological soc. '55 incl bibliog

Tanner, William Francis. Geology of Seminole county, Oklahoma. (Bul. 74) Okla. Geological survey '56 p 163-9

Totten, R. B. General geology and historical development, Texas and Oklahoma Panhandles. Am Assn Pet Geol Bul 40:1965-7 Ag '56

Ontario

Friedman, G. M. Structure and petrology of the Caribou Lake intrusive body, Ontario, Canada. Geol Soc Am Bul 68:1563-4 N '57

Jolliffe, A. W. Geology and iron ores of Steep Rock Lake. Econ Geol 50:397-8 Je '55

Spiers, E. C. Age relation and origin of common Sudbury breccia. J Geol 65:574 S '57

Wilson, M. E. Early precambrian rocks of the Timiskaming region, Quebec and Ontario, Canada. Geol Soc Am Bul 67:1427-30 O '56

Oregon

Corcoran, Raymond E. and Libbey, F. W. Ferruginous bauxite deposits in the Salem hills, Marion county, Oregon. (Bul. no46) Ore. Dept. of geology & mineral industries '56 p50-3

Taubeneck, W. H. Geology of the Elkhorn mountains, northeastern Oregon; Bald Mountain batholith. Geol Soc Am Bul 68:237-8 F '57

Pakistan

Morgan, J. P. and McIntire, W. G. Quaternary geology of the Bengal basin, East Pakistan and India. Geol Soc Am Bul 70:340-1 Mr '59

Panama Canal zone

Woodring, Wendell Phillips. Geology of Barro Colorado island, Canal zone. (Smithsonian misc. colls. v 135, no3) Smithsonian inst. '58 p37-9

Patagonia

Feruglio, Egidio. Descripción geológica de la Patagonia. Casa editora Coni '49-'50 3v v3, p283-331

Pelew islands

United States. Army. Forces in the Far East. Military geology of Palau islands, Caroline islands; prepared under the direction of the Chief of engineers, U.S. Army. The forces '56 p275-85

Pennsylvania

Willard, B. Cambrian contacts in eastern Pennsylvania. Geol Soc Am Bul 66:832-3 Jl '55

Philippine Islands

Teves, Juan S. Bibliography of Philippine geology, mining and mineral resources; presented at the eighth Pacific science congress, Manila, November 16-28, 1953. (Philippines (Republic). Bur. of mines. Bibliog. ser. no 1) Bur. of ptg. '53 155p

Poland

Polskie towarzystwo geologiczne. Regionalna geologia Polski. The society '51 incl bibliog

Portugal

Portugal. Direcção geral de minas e serviços geológicos. Geologia de Portugal; ensaio bibliográfico. 2d ed rev & enl The service '57-'58 2v

Quebec (province)

Wilson, M. E. Early precambrian rocks of the Timiskaming region, Quebec and Ontario, Canada. Geol Soc Am Bul 67:1427-30 O '56

GEOLOGY—Continued

Rhode Island

- Quinn, A. W. and others. Lead-alpha ages of Rhode Island granitic rocks compared to their geologic ages. *Am J Sci* 255:559-60 O '57

Ruanda-Urundi

- Tervueren, Belgium. Musée du Congo belge. *Bibliographie géologique du Congo belge et du Ruanda-Urundi. The museum* '52-'57 5v

Saar valley

- Théobald, Nicolas. Aperçu géologique du territoire de la Sarre. (Saarbrücken. Univ. des Saarlandes. Schriften) West-Ost-verlag '52 p75-8

Salvador

- Tromp, Solco Walle. Development of geological resources in El Salvador, prepared for the government of El Salvador. *United nations* '52 p83-100

- Same with title: Desarrollo de los recursos geológicos de El Salvador, preparado para el gobierno de El Salvador. *United nations* '54 p86-101

Saxony

- Pietzsch, Kurt. Die geologische literatur über Sachsen, 1921-1950. (Geologie. Sup. no5-6) Akademie-Verlag '53 320p

Scotland

- Clifford, T. N. Note on kyanite in the Moine series of southern Ross-shire. *Geol Mag* 95:344-6 J1 '58

- Francis, G. H. Amphibolite of Doir'a'Chatha (Durcha) Sutherland. *Geol Mag* 95:39 Ja '58

- Francis, G. H. Serpentine mass in Glen Urquhart, Inverness-Shire, Scotland. *Am J Sci* 254:224-6 Ap '56

- Phemister, J. Summary of recent research on the pre-tertiary geology of the Northern Highlands. *Geol Soc Glasgow Trans* 23:73-8 D '58

Silesia

- Schwarzbach, Martin. Geologische forschung in Schlesien; eine bibliog. der jahre 1914-1945, gleichzeitig ein rüchblick auf die arbeit deutscher geologen. (Osteuropa und der deutsche Osten. Reihe 2: Univ. Köln, heft 2) Müller '55 63p

South

- Hughes, Richard John. Kemper County geology. (Bul. 84) Miss. State geological survey '58 p227-63

- Russell, Richard Joel, ed. Guides to south-eastern geology; prepared for the 1955 annual meeting of the Geological soc. of Am. and associated societies. *Geological soc. of Am.* '55 incl bibliog

South Africa

- King, L. C. Basic paleogeography of Gondwanaland during the late paleozoic and mesozoic eras. *Geol Soc Lond Q J* no453:69-70 N '58

- Koen, G. M. Heavy minerals as an aid to the correlation of sediments of the Karroo system in the northern part of the Union of South Africa. *Geol Soc S Africa Trans* 58:354-6 '55

- S. James Shand memorial volume. Stellenbosch Univ Ann secA 33:1-574 '57 incl bibliog

South America

- Czajka, W. and Vervoorst, F. Die naturräumliche gliederung Nordwest-Argentinien. *Petermanns Geog Mitt* 100 no 3: 206-8 '56

- Jenks, William Furness, ed. Handbook of South American geology; an explanation of the geologic map of South Am. containing papers by A. J. de Oliveira [and others] (Mémorial 65) *Geol. soc. of Am.* '56 incl bibliog

South Australia

- Glaessner, Martin Fritz, and Parkin, L. W. eds. Geology of South Australia, prepared by members of the South Australian div. of the Geological soc. of Australia. Melbourne univ. press; Cambridge '59 p 143-8

Spain

- Spain. Instituto geológico y minero. Catálogo de las publicaciones del Instituto. Coullaut '56 326p

- Spain. Instituto geológica y minero. El cretáceo en España. (Memorias, v57) Coullaut '56 incl bibliog

Swaziland

- Hunter, D. R. Geology, petrology and classification of the Swaziland granites and gneisses. *Geol Soc E Africa Trans* 60: 119-20 '57

Sweden

- Behrens, Sven. Morfometrisk, morfogenetiska och tektoniska studier av de nordvästskånska urbergsåsarna, särskilt Kullaberg. (Lund. Univ. Geografiska inst. Meddelanden, avhandlingar, 24) Gleerupska univ.-bokhandeln '53 p232-40

Switzerland

- Hsu, K. J. Flute- and groove-casts in the prealpine Flysch, Switzerland. *Am J Sci* 257:535-6 Summer '59

- Staub, Rudolf. Der bau der Glarneralpen und seine prinzipielle bedeutung für die alpengeologie. *Tschudi* '54 p 167-78

Tasmania

- Wade, M. L. and Solomon, M. Geology of the Mt. Lyell mines, Tasmania. *Econ Geol* 53: 415-16 Je '58

Tatra mountains

- Pirożek, Janina. Bibliografia geologicznogleboznawcza Tatr. 1639-1953. (Biuletyn 111) Warsaw. Inst. geologiczny '56 170p

Tennessee

- Wilson, C. W. and Stearns, R. G. Structure of the Cumberland plateau, Tennessee. *Geol Soc Am Bul* 69:1296 O '58

Texas

- DeFord, R. K. Tertiary formations of Rim Rock country, Presidio county, Trans-Pecos Texas. *Tex J Sci* 10:29-37 Mr '58

- Forgotton, J. M. Stratigraphy of Comanchean cretaceous Trinity group. *Am Assn Pet Geol Bul* 41:2361-3 O '57

- Girard, Roselle M. Bibliography and index of Texas geology, 1933-1950. (Pub. no5910) Univ. of Tex. '59 238p

- Hull, J. P. D. Petrogenesis of Permian Delaware mountain sandstone, Texas and New Mexico. *Am Assn Pet Geol Bul* 41:306-7 F '57

- King, Philip Burke, and Flawn, Peter Tyrell. Geology and mineral deposits of pre-Cambrian rocks of the Van Horn area, Texas; prepared in co-operation with the U.S. Geological survey. (Pub. no5301) Univ. of Tex. '53 p174-6

- McAnulty, W. N. Geology of Cathedral Mountain quadrangle, Brewster county, Texas. *Geol Soc Am Bul* 66:577-8 My '55

- Rail, R. W. and Rail, E. P. Pennsylvanian subsurface geology of Sutton and Schleicher counties, Texas. *Am Assn Pet Geol Bul* 42:869-70 Ap '58

- San Angelo geological society. Guidebook, four provinces field trip: central mineral region, Balcones fault zone, Kerr basin, Rio Grande embayment, March 16-17, 1956. The society '56 incl bibliog

- Shelton, J. W. Strawn-Canyon (Pennsylvanian) boundary in north-central Texas. *Geol Soc Am Bul* 69:1524 D '58

- Shepard, F. P. and Moore, D. G. Central Texas coast sedimentation: characteristics of sedimentary environment, recent history, and diagenesis. *Am Assn Pet Geol Bul* 39:1591-3 Ag '55

- Totten, R. B. General geology and historical development, Texas and Oklahoma Panhandles. *Am Assn Pet Geol Bul* 40:1965-7 Ag '56

- Waters, J. A. and others. Geologic framework of Gulf Coastal plain of Texas. *Am Assn Pet Geol Bul* 39:1849-50 S '55

Thuringia

- Weber, Hans. Einführung in die geologie Thüringens. Deutscher verlag der wissenschaften '55 p 173-80

GEOLOGY—Continued

Tunisia

- Sainfeld, P. Lead-zinc-bearing deposits of Tunisia. *Econ Geol* 51:176-7 Mr '56
 Tunis. Service géologique. Catalogue des publications. Imp. La Rapide '54 12p

United States

- Spieker, E. M. Mountain-building chronology and nature of geologic time scale. *Am Assn Pet Geol Bul* 40:1814-15 Ag '56
 Turner, Daniel S. Bibliography of geology theses, colleges and universities of the United States. Petroleum research co. '54 482p
 United States. Superintendent of documents. Geology. (Price list 15, 44th ed) U.S. Gov. ptg. office '59 29p

Utah

- Heylman, E. B. Paleozoic stratigraphy and oil possibilities of Kaiparowits region, Utah. *Am Assn Pet Geol Bul* 42:1811 Ag '58
 Kerr, P. F. and others. Collapse features. Temple Mountain uranium area, Utah. *Geol Soc Am Bul* 68:980-1 Ag '57
 Proctor, P. D. and Clark, D. L. Curley limestone—an unusual biostrome in central Utah. *J Sed Petrol* 26:321 D '56
 Rigby, J. K. Upper Devonian unconformity in central Utah. *Geol Soc Am Bul* 70:217-18 F '59
 Stewart, J. H. Proposed nomenclature of part of upper triassic strata in southeastern Utah. *Am Assn Pet Geol Bul* 41:462-3 Mr '57

Venezuela

- Von der Osten, E. Lower cretaceous Baranquin formation of northeastern Venezuela. *Am Assn Pet Geol Bul* 41:708 Ap '57

Vermont

- Brace, William F. Geology of the Rutland area, Vermont. (Vt. State geologist. Bul. no6) Vt. development comm. '53 p 117-20
 Hawley, D. Ordovician shales and submarine slide breccias of northern Champlain valley in Vermont. *Geol Soc Am Bul* 68:85-6 Ja '57
 Lyons, J. B. Geology of the Hanover quadrangle, New Hampshire-Vermont. *Geol Soc Am Bul* 66:143-5 Ja '55

Virginia

- Bloomer, R. O. and Werner, H. J. Geology of the Blue Ridge region in central Virginia. *Geol Soc Am Bul* 66:605-6 My '55
 Reed, J. C. Catoclin formation near Luray, Virginia. *Geol Soc Am Bul* 66:896 JI '55
 Virginia. Division of mineral resources. List of publications and maps. The division '58 38p
 Whitaker, J. C. Geology of Catoclin mountain, Maryland and Virginia. *Geol Soc Am Bul* 66:461-2 Ap '55

Wales

- Cummins, W. A. Denbigh grits; wenlock greywackes in Wales. *Geol Mag* 94:449-51 N '57
 Leitch, D. and others. Basic coal measures of the south Wales coalfield from Llandybie to Brynmawr. *Geol Soc Lond Q J* no452:483 Ag '58

Washington (state)

- Campbell, C. D. Washington geology and resources. *Res Stud St Coll Wash* 21:152-3 Je '53

West

- Beatty, W. B. and Langan, Lee. Sources of information on geology and mining in the Western states. School of mineral sciences. Stanford univ. '57 52p
 McKelvey, V. E. and others. Summary description of Phosphoria, Park City, and Shedhorn formations in western phosphate fields. *Am Assn Pet Geol Bul* 40:2861-3 D '56
 Moore, J. G. Quartz diorite boundary line in the western United States. *J Geol* 67:206-10 Mr '59
 Peters, W. C. Geologic characteristics of fluorspar deposits in the western United States. *Econ Geol* 53:687-8 S '58
 Schwartz, G. M. Argillite alteration and ore deposits. *Econ Geol* 51:413-14 Ag '56

- Webb, G. W. Middle Ordovician stratigraphy in eastern Nevada and western Utah. *Am Assn Pet Geol Bul* 42:2377 O '58
 Wengert, S. A. and Matheny, M. L. Pennsylvanian system of Four Corners region. *Am Assn Pet Geol Bul* 42:2102-6 S '58
 Wisser, E. Deformation in the Cordilleran region of western United States. *Colo Sch Mines Q* 52:72-3 JI '57

West Indies

- Butterlin, Jacques. La constitution géologique et la structure des Antilles; préf. de Louis Barrabe. Centre nat. de la recherche scientifique '56 incl bibliog

Western Australia

- McWhae, J. R. H. and others. Stratigraphy of Western Australia. Cambridge '59 p 144-53

Wisconsin

- Huber, N. K. Some aspects of the origin of the Ironwood iron-formation of Michigan and Wisconsin. *Econ Geol* 54:116-18 Ja '59

Wyoming

- Eckelmann, F. D. and others. Geologic evolution of the Beartooth mountains. Montana and Wyoming. *Geol Soc Am Bul* 68:1259-61; 70:507, 1215-16 O '57, Ap '59
 Pierce, W. G. Heart Mountain and South Fork detachment thrusts of Wyoming. *Am Assn Pet Geol Bul* 41:625-6 Ap '57
 Richards, Paul William. Geology of the Bighorn Canyon-Hardin area, Montana and Wyoming: a description of the geography, stratigraphy, structure, geomorphology, and mineral resources of the area. (U.S. Geological survey. Bul. 1026) U.S. Gov. ptg. office '55 p88-90
 Skolnick, H. Stratigraphy of some lower cretaceous rocks of Black Hills area. *Am Assn Pet Geol Bul* 42:808-9 Ap '58
 Wanless, Harold Rollin, and others. Paleozoic and mesozoic rocks of Gros Ventre, Teton, Hoback, and Snake River ranges, Wyoming. (Memoir 63) Geological soc. of Am. '55 p81-6
 Woodward, T. C. Geology of Deadman Butte area, Natrona county, Wyoming. *Am Assn Pet Geol Bul* 41:260-2 F '57

Yugoslavia

- Belgrad. Bibliografski institut FNRJ. Geološka bibliografija Jugoslavije od XIV veka do 1944 godine; sredio: Sreten P. Milojević. The institute '52 477p

GEOLOGY, Economic

- Economic geology (periodical). Fiftieth anniversary volume, 1905-1955; Alan M. Bateman, editor. The periodical '55 2v incl bibliog
 Keil, Karl. Ingenieurgeologie und geotechnik; grundlagen und anwendung der baugrund- und baustofflehre der natürlichen fels- und lockergesteine. 2d ed Knapp '54 p 1098-1116
 Reviews. See numbers of Economic geology
 Ridge, John Drew. Selected bibliographies of hydrothermal and magmatic mineral deposits. (Memoir 75) Geological soc. of Am. '58 199p

See also

- Coal
 Coal—Geology
 Engineering geology
 Gas, Natural
 Mines and mineral resources
 Mining geology
 Petroleum—Geology
 Soils

GEOLOGY, Stratigraphic

- Bell, W. A. Stratigraphy and sedimentation of middle Ordovician and older sediments in the Wrigley-Fort Norman area, Mackenzie district, N.W.T. *Can Min & Met Bul* 52:18 Ja '59
 Bucher, W. H. Taconic klippe: a stratigraphic-structural problem. *Geol Soc Am Bul* 68:672-3 Je '57
 Burst, J. F. Glauconite pellets: their mineral nature and applications to stratigraphic interpretations. *Am Assn Pet Geol Bul* 42:325-7 F '58
 Dunbar, Carl Owen, and Rodgers, John. Principles of stratigraphy. Wiley '57 p319-39
 Frye, J. C. Preparation of new stratigraphic code by American commission on stratigraphic nomenclature. *Am Assn Pet Geol Bul* 42:1985-6 Ag '58

GEOLOGY, Stratigraphic—Continued

- Honkala, F. S. Selected bibliography of standard stratigraphic sections of North America. *Geol Soc Am Bul* 66:153-4 Ja '55
- Mixon, R. B. and others. Age and correlation of Huizachal group (mesozoic) state of Tamaulipas, Mexico. *Am Assn Pet Geol Bul* 43:770-1 Ap '59
- Renz, Carl. Die vorneogene stratigraphie der normalseimentären formationen Griechenlands. Athens. Inst. for geology & subsurface research '55 incl bibliog
- Richmond, G. M. and Frye, J. C. Status of soils in stratigraphic nomenclature. *Am Assn Pet Geol Bul* 41:761-3 Ap '57
- Teichert, C. Concepts of facies. *Am Assn Pet Geol Bul* 42:2740-4 N '58
- Teichert, C. Some biostratigraphical concepts. *Geol Soc Am Bul* 69:117-19 Ja '58
- Weller, J. M. Stratigraphic facies differentiation and nomenclature. *Am Assn Pet Geol Bul* 42:638-9 Mr '58
- See also
Paleontology
- Archaeon
- See also
Schists
- Cambrian
- Decker, C. E. and Gold, I. B. Upper Cambrian graptolites from Virginia and Tennessee. *J Paleont* 32:432 My '58
- Lochman-Balk, C. and Wilson, J. L. Cambrian biostratigraphy in North America. *J Paleont* 32:348-50 Mr '58
- Nelson, C. A. Upper Croixan stratigraphy, upper Mississippi valley. *Geol Soc Am Bul* 67:183 F '56
- Okulitch, V. J. and Greggs, R. G. Archaeocyathid localities in Washington, British Columbia, and the Yukon territory. *J Paleont* 32:623 My '58
- Willard, B. Cambrian contacts in eastern Pennsylvania. *Geol Soc Am Bul* 66:832-3 J1 '55
- Carboniferous
- Gardner, L. S. Revision of Big Snowy group in central Montana. *Am Assn Pet Geol Bul* 43:348-9 F '59
- George, T. N. Carboniferous rocks of the Donegal syncline. *Geol Soc Lond Q J* no450: 176-8 D '57
- Haudour, J. and Sarrot-Reynaud, J. Sur l'âge et l'extension des terrains houillers dans la terminaison sud de Belledune. *Soc Géol France Bul* 6:350-2 D '56
- Leitch, D. and others. Basic coal measures of the south Wales coalfield from Llanybyddie to Brynmawr. *Geol Soc Lond Q J* no452:483 Ag '58
- Parkinson, D. Lower carboniferous reefs of northern England. *Am Assn Pet Geol Bul* 41:535-7 Mr '57
- Cenozoic
- Hunt, Charles Butler. Cenozoic geology of the Colorado plateau. (U.S. Geological survey. Professional paper 279) U.S. Gov. ptg. office '56 p87-95
- Texas. University. Geological society. Bibliography of Gulf-coast cenozoic formations, including Texas, Louisiana, Mississippi, Alabama, Georgia, Florida, Arkansas and Tennessee, through June 1949. The society '5-? 94p
- Van Houten, F. B. Reconnaissance of cenozoic sedimentary rocks of Nevada. *Am Assn Pet Geol Bul* 40:2824-5 D '56
- Cretaceous
- Chubb, L. J. Upper cretaceous of central Chiapas, Mexico. *Am Assn Pet Geol Bul* 43:754-6 Ap '59
- Forgotson, J. M. Stratigraphy of Comanchean cretaceous Trinity group. *Am Assn Pet Geol Bul* 41:2361-3 O '57
- Glaister, R. Perry. Lower cretaceous of southern Alberta and adjoining areas. *Am Assn Pet Geol Bul* 43:638-40 Mr '59
- Rao, L. R. Recent contributions to our knowledge of the cretaceous rocks of South India. *Ind Acad Sci Proc SerB* 44:243-5 O '56
- Skolnick, H. Stratigraphy of some lower cretaceous rocks of Black Hills area. *Am Assn Pet Geol Bul* 42:308-9 Ap '58
- Spain. Instituto geológico y minero. El cretáceo en España. (Memorias, v57) Coulaut '56 incl bibliog
- Devonian
- Andrichuk, J. M. Stratigraphy and facies analysis of upper Devonian reefs in Leduc, Stettler, and Redwater areas, Alberta. *Am Assn Pet Geol Bul* 42:90-3 Ja '58
- Greiner, H. R. Methy dolomite of north-eastern Alberta: middle Devonian reef formation. *Am Assn Pet Geol Bul* 40:2079-80 S '56
- Ovtracht, A. and Fournié, L. Signification paléogéographique des graptolites dévoniennes de la France méridionale. *Soc Géol France Bul* 6:78-80 O '56
- Rigby, J. K. Upper Devonian unconformity in central Utah. *Geol Soc Am Bul* 70: 217-18 F '59
- Stewart, G. A. Age relations of the middle Devonian limestones in Ohio. *Ohio J Sci* 55:180-1 My '55
- Eocene
- Geology and vertebrate paleontology of upper eocene strata in the northeastern part of the Wind River basin, Wyoming, by Harry A. Tourtelot and Charles Lewis Gazin. (Smithsonian misc. colls, v 131, no8; v 134, no4) Smithsonian inst. '56-'57 2v v 1, p26-7; v2, p31-3
- Todd, T. W. and Folk, R. L. Basal calbourne of Texas, record of Appalachian tectonisms during eocene. *Am Assn Pet Geol Bul* 41: 2565-6 N '57
- Jurassic
- Arkell, William Joscelyn. Jurassic geology of the world. Hafner pub. co. '56 p643-757
- Francis, D. R. Jurassic stratigraphy of Williston Basin area. *Am Assn Pet Geol Bul* 41:397-8 Mr '57
- Howarth, M. K. Middle lias of the Dorset coast. *Geol Soc Lond Q J* no450:202-3 D '57
- Mégnién, F. Contribution à l'étude stratigraphique et sédimentologique de l'Aalénien en Haute-Marne. *Soc Géol France Bul* 8:147-8 N '58
- Peterson, J. A. Marine Jurassic of northern Rocky mountains and Williston basin. *Am Assn Pet Geol Bul* 41:438-40 Mr '57
- Mesozoic
- Wanless, Harold Rollin, and others. Paleozoic and mesozoic rocks of Gros Ventre, Teton, Hoback, and Snake River ranges, Wyoming. (Memoir 63) Geological soc. of Am. '55 p81-6
- Miocene
- Mohan, K. and Chatterji, A. K. Stratigraphy of the miocene beds of Kathiawar, western India. *Micropaleontology* 2:355-6 O '56
- Mississippian
- Kelley, D. G. Mississippian stratigraphy and petroleum possibilities of central Cape Breton island, Nova Scotia. *Can Min & Met Bul* 51:351 Je '58
- Perry, Thomas Gregory, and Smith, Ned M. Meramec-Chester and intra-Chester boundaries and associated strata in Indiana. (Bul. no 12) Ind. Geological survey '58 p 107-10
- Ordovician
- Gutstadt, A. M. Upper Ordovician stratigraphy in eastern interior region. *Am Assn Pet Geol Bul* 42:544-7 Mr '58
- Hawley, D. Ordovician shales and submarine slide breccias of northern Champlain valley in Vermont. *Geol Soc Am Bul* 68:85-6 Ja '57
- Kay, M. Ordovician Highgate Springs sequence of Vermont and Quebec and Ordovician classification. *Am J Sci* 256:95-6 F '58
- Kay, M. Ordovician limestones in the western anticlines of the Appalachians in West Virginia and Virginia northeast of the New river. *Geol Soc Am Bul* 67:104-5 Ja '56
- Oxley, P. and Kay, M. Ordovician Chazy series of Champlain valley, New York and Vermont, and its reefs. *Am Assn Pet Geol Bul* 43:352-3 Ap '59
- Sando, William Jasper. Beekmantown group, lower Ordovician, of Maryland. (Memoir 68) Geological soc. of Am '57 p 138-41
- Stumm, E. C. and Kauffman, E. G. Calymenid trilobites from the Ordovician rocks of Michigan. *J Paleont* 32:959-60 S '58
- Webb, G. W. Middle Ordovician stratigraphy in eastern Nevada and western Utah. *Am Assn Pet Geol Bul* 42:2377 O '58
- Weiss, M. P. Upper middle Ordovician stratigraphy of Fillmore county, Minnesota. *Geol Soc Am Bul* 68:1061-2 Ag '57

GEOLOGY, Stratigraphic—Continued

Paleozoic

- Epis, R. C. and Gilbert, C. M. Early paleozoic strata in southeastern Arizona. *Am Assn Pet Geol Bul* 41:2241-2 Q '57
- Gutstadt, Allan M. Cambrian and Ordovician stratigraphy and oil and gas possibilities in Indiana. (Bul. no 14) *Ind. Geological survey* '58 p 100-3
- Porter, J. W. and Fuller, J. G. C. M. Lower paleozoic rocks of northern Williston basin and adjacent areas. *Am Assn Pet Geol Bul* 43:188-9 Ja '59
- Roberts, R. J. and others. Paleozoic rocks of north-central Nevada. *Am Assn Pet Geol Bul* 42:2855-7 D '58
- Wanless, Harold Rollin, and others. Paleozoic and mesozoic rocks of Gros Ventre, Teton, Hoback, and Snake River ranges, Wyoming. (Mémorial 63) *Geological soc. of Am.* '55 p 81-6
- Weller, J. M. Argument for diastrophic control of late paleozoic cyclothems. *Am Assn Pet Geol Bul* 40:48-50 Ja '56

Pennsylvanian

- Degens, E. T. and others. Environmental studies of carboniferous sediments. *Am Assn Pet Geol Bul* 41:2454-5; 42:997 N '57, My '58
- Dott, R. H. Cyclic patterns in mechanically deposited Pennsylvanian limestones of northeastern Nevada. *J Sed Petrol* 28:14 Mr '58
- Mudge, M. R. Sandstones and channels in upper Pennsylvanian and lower Permian in Kansas. *Am Assn Pet Geol Bul* 40:677-8 Ap '56
- Potter, P. E. and Sievers, R. Sources of basal Pennsylvanian sediments in the Eastern interior basin. *J Geol* 64:243-4, 334, 454-5 My-S '56
- Rall, R. W. and Rall, E. P. Pennsylvanian subsurface geology of Sutton and Schleicher counties, Texas. *Am Assn Pet Geol Bul* 42:869-70 Ap '58
- Shelton, J. W. Strawn-Canyon (Pennsylvanian) boundary in north-central Texas. *Geol Soc Am Bul* 69:1524 D '58
- Wanless, H. R. Pennsylvanian rocks of eastern interior basin. *Am Assn Pet Geol Bul* 39:1816-20 S '55
- Wengerd, S. A. and Matheny, M. L. Pennsylvanian system of Four Corners region. *Am Assn Pet Geol Bul* 42:2102-6 S '58

Permian

- Hull, J. P. D. Petrogenesis of Permian Delaware mountain sandstone, Texas and New Mexico. *Am Assn Pet Geol Bul* 41:306-7 F '57
- Mudge, M. R. Sandstones and channels in upper Pennsylvanian and lower Permian in Kansas. *Am Assn Pet Geol Bul* 40:677-8 Ap '56

Pleistocene

- Akers, W. H. and Holck, A. J. J. Pleistocene beds near the edge of the continental shelf, southeastern Louisiana. *Geol Soc Am Bul* 68:990-1 Ag '57
- Doering, J. A. Citronelle age problem. *Am Assn Pet Geol Bul* 42:785-6 Ap '58
- Emery, K. O. Shallow submerged marine terraces of southern California. *Geol Soc Am Bul* 69:57-9 Ja '58
- Emiliani, C. Paleotemperature analysis of core 280 and pleistocene correlations. *J Geol* 66:274-5 My '58
- Emiliani, C. Pleistocene temperatures. *J Geol* 63:571-3 N '56
- Flint, Richard Foster. Glacial and pleistocene geology. Wiley '57 p510-44
- Flint, R. F. New radiocarbon dates and late-pleistocene stratigraphy. *Am J Sci* 254:285-7 My '56
- Flint, R. F. Pleistocene climates in eastern and southern Africa. *Geol Soc Am Bul* 70:372-3 Mr '59
- Hay, R. L. Origin and weathering of late pleistocene ash deposits on St Vincent, B.W.I. *J Geol* 67:86-7 Ja '59
- Heinzelin, Jean de. Sols, paléolsols et désertifications anciennes dans le secteur nord-oriental du bassin du Congo. (Pubs. Coll. in-4°) *Inst. nat. pour l'étude agromique du Congo belge* '52 p 145-65

- Holmes, G. W. and Moss, J. H. Pleistocene geology of the southwestern Wind River mountains, Wyoming. *Geol Soc Am Bul* 66:651-3 Je '55
- Howell, F. C. Upper Pleistocene stratigraphy and early man in the Levant. *Am Philos Soc Proc* 103:43-8 F '59
- Leighton, M. M. Important elements in the classification of the Wisconsin glacial stage. *J Geol* 66:307-9 My '58
- Stewart, David P. Pleistocene geology of the Watertown and Sackets Harbor quadrangles, New York. (N.Y. State museum, Albany, Bul. 369) *Univ. of the state of N.Y.* '58 p77-9
- Thwaites, F. T. and Bertrand, K. Pleistocene geology of the Door peninsula, Wisconsin. *Geol Soc Am Bul* 68:877-9 J '57
- Zumberge, J. H. and Potzger, J. E. Late Wisconsin chronology of the Lake Michigan basin correlated with pollen studies. *Geol Soc Am Bul* 67:287-8 Mr '56

See also

Glacial epoch

Pliocene

- Doering, J. A. Citronelle age problem. *Am Assn Pet Geol Bul* 42:785-6 Ap '58
- Heinzelin, Jean de. Sols, paléolsols et désertifications anciennes dans le secteur nord-oriental du bassin du Congo. (Pubs. Coll. in-4°) *Inst. nat. pour l'étude agromique du Congo belge* '52 p 145-65
- Perriaux, J. Les formations pliocènes des Alpes-Maritimes. *Soc Géol France Bul* 6:765-6 Mr '58

Pre-Cambrian

- Alexandrov, E. A. Contribution to studies of origin of precambrian banded iron ores. *Econ Geol* 50:467-8 Ag '55
- Boos, C. M. and Boos, M. F. Tectonics of eastern flank and foothills of Front Range, Colorado. *Am Assn Pet Geol Bul* 41:2674-6 D '57
- Burwash, R. A. Reconnaissance of subsurface precambrian of Alberta. *Am Assn Pte Geol Bul* 41:102-3 Ja '57
- Dietrich, Richard Vincent. Precambrian geology and mineral resources of the Brier Hill quadrangle, New York. (N.Y. State museum, Albany, Bul. no354) *Univ. of the State of N.Y.* '57 p 115-17
- Gast, P. W. and others. Absolute age of early precambrian rocks in the Bighorn basin of Wyoming and Montana, and southeastern Manitoba. *Am Geophys Union Trans* 39:333-4 Ap '58
- Gill, James Edward, ed. Proterozoic in Canada. (Royal soc. of Canada. Special pubs. no2) *Univ. of Toronto press* '57 incl bibliog
- Hamilton, W. B. Precambrian rocks of Wichita and Arbuckle mountains, Oklahoma. *Geol Soc Am Bul* 67:1329-30 O '56
- Hough, J. L. Freshwater environment of deposition of pre-Cambrian banded iron formations. *J Sed Petrol* 28:429-30 D '58
- Huber, N. K. Some aspects of the origin of the Ironwood iron-formation of Michigan and Wisconsin. *Econ Geol* 54:116-18 Ja '59
- James, H. L. Zones of regional metamorphism in the precambrian of northern Michigan. *Geol Soc Am Bul* 66:1486-7 D '55
- King, Philip Burke, and Flawn, Peter Tyrell. Geology and mineral deposits of pre-Cambrian rocks of the Van Horn area, Texas; prepared in co-operation with the U.S. Geological survey. (Pub. no5301) *Univ. of Tex.* '53 p 174-6
- Kobayashi, T. Pre-Cambrian history of eastern Asia. *Japan J Geol & Geog* 22:50-4 Mr '52
- Royal society of Canada. Grenville problem; ed. by James E. Thomson. (Special pubs. no 1) *Univ. of Toronto press* '56 incl bibliog
- Vitanage, P. W. Studies of zircon types in Ceylon pre-Cambrian complex. *J Geol* 65:127-8 Mr '57
- Wilson, M. E. Early precambrian rocks of the Timiskaming region, Quebec and Ontario, Canada. *Geol Soc Am Bul* 67:1427-30 O '56

Quaternary

- Albritton C. C. Quaternary stratigraphy of the Guadiana valley, Durango, Mexico. *Geol Soc Am Bul* 69:1214-15 O '58
- Charlesworth, John Kaye. Quaternary era, with special reference to its glaciation. *Arnold* '57 p 1556-1601
- Fairbridge, R. W. Dating the latest movements of the quaternary sea level. *N Y Acad Sci Trans* 20:480-2 Ap '58

GEOLOGY, Stratigraphic—Quaternary—Cont.

- Gigout, M. L'Oulien dans le cadre du Tyr-rhénien. Soc Géol France Bul 77:397-400 D '57
- Gigout, M. Réflexions sur les bases du quaternaire marin. Soc Géol France Bul 8:360-2 D '58
- International geographical union. Commission for the study of periglacial morphology. 9^e assemblée générale, 18^e Congrès international, Rio-de-Janeiro, 9-18 août, 1956; rapport. Secrétariat de l'Union géographique int. '56 incl bibliog
- Mathews, W. H. Petrology of quaternary volcanics of the Mount Garibaldi map-area, southwestern British Columbia. Am J Sci 255:415 Je '57
- Morrison, R. B. and others. In behalf of the recent. Am J Sci 255:392-3 Je '57

Silurian

- Melhorn, W. N. Stratigraphic analysis of Silurian rocks in Michigan basin. Am Assn Pet Geol Bul 42:837-8 Ap '58

Tertiary

- DeFord, R. K. Tertiary formations of Rim Rock country, Presidio county, Trans-Pecos Texas. Tex J Sci 10:29-37 Mr '58
- Waterhouse, J. B. and Bradley, J. Redeposition and slumping in the cretaceous-tertiary strata of S. E. Wellington. Roy Soc N Z Trans 84:547-8 Ap '57

Triassic

- Campbell, J. D. Warepan stage (triassic): definition and correlation. N Z J Geol & Geophys 2:206-7 F '59
- Clark, D. L. Marine triassic stratigraphy in eastern Great Basin. Am Assn Pet Geol Bul 41:2221-2 O '57
- Correlation of the triassic formations of North America exclusive of Canada. Geol Soc Am Bul 68:1503-13 N '57
- Hunt, A. D. and Ratcliffe, J. D. Triassic stratigraphy, Peace River area, Alberta and British Columbia, Canada. Am Assn Pet Geol Bul 43:588-9 Mr '59
- Ichikawa, K. Triassic mollusca from the Arai formation at Iwai near Itsukaichi, Tokyo prefecture. Japan J Geol & Geog 24:67-9 Mr '54
- Kobayashi, T. and Amano, M. On the pseudoquadratae trigonians, steinmannella, in the Indo-Pacific province. Japan J Geol & Geog 26:207-8 D '55
- Kobayashi, T. and Ichikawa, K. Some late triassic fossils from the Nariwa district in the province of Bitchu (Okayama prefecture), Japan. Japan J Geol & Geog 22:272-4 Mr '52
- Kobayashi, T. and Ichikawa, K. Triassic fauna of the Heki formation of Tamba (Kyoto prefecture), Japan. Japan J Geol & Geog 22:81-2 Mr '52
- Stewart, J. H. Proposed nomenclature of part of upper triassic strata in southeastern Utah. Am Assn Pet Geol Bul 41:462-3 Mr '57

GEOLOGY, Structural

- Agnew, A. F. Facies of middle and upper Ordovician rocks of Iowa. Am Assn Pet Geol Bul 39:1750-2 S '55
- Bornhauser, M. Gulf Coast tectonics. Am Assn Pet Geol Bul 42:369-70 F '58
- Brock, B. B. World patterns and lineaments. Geol Soc S Africa Trans 60:171-2 '57
- Chardonnet, Jean. Les massifs anciens provençaux; étude morphologique. Inst. géographique nat. '52 p29-30
- Cotton, C. A. Tectonic features in a coastal setting at Wellington. Roy Soc N Z Trans 84:788-90 Ag '57
- Crowell, J. C. Directional-current structures from the prealpine Flysch, Switzerland. Geol Soc Am Bul 66:1383-4 N '55
- Drewes, H. Structural geology of the southern Snake Range, Nevada. Geol Soc Am Bul 69:238-9 F '58
- Eckelmann, F. D. and others. Geologic evolution of the Beartooth mountains, Montana and Wyoming. Geol Soc Am Bul 68:1259-61; 70:507-8 O '57, Ap '59
- Hempel, L. Probleme der oberflächenformung in Grossbritannien unter klimamorphologischer fragestellung. Petermanns Geogr Mitt 102 no2:88-9 '58
- Hsu, K. J. Isotasy and a theory for the origin of geosynclines. Am J Sci 256:324-7 My '58

- Indiana. Geological survey. Rocks associated with Mississippian-Pennsylvanian unconformity in southwestern Indiana; conference sponsored by Geological survey. Ind. Dept. of conservation and Dept. of geology. Ind. univ. Oct. 4, 5, and 6, 1957. (Field conference guidebk. no9) The survey '57 p33-4
- Kelley, Vincent Cooper. Regional tectonics of the Colorado plateau and relationship to the origin and distribution of uranium. (N.Mex. Univ. Pubs. in geology, no5) N.Mex. press '55 p 115-20
- Klemme, H. D. Regional geology of circum-Mediterranean region. Am Assn Pet Geol Bul 42:510-12 Mr '58
- Machatschek, Fritz. Das relief der erde; versuch einer regionalen morphologie der erdoberfläche. 2d rev ed Borntraeger '55 incl bibliog
- Mathews, W. H. Geology of the Mount Garibaldi map-area, southwestern British Columbia, Canada. Geol Soc Am Bul 69:177-8 F '58
- Melton, F. A. Aerial photographs and structural geomorphology. J Geol 67:369-70 JI '59
- Potter, P. E. Petrology and origin of the Lafayette gravel. J Geol 63:35-8 Ja '55
- Rast, N. and Platt, J. I. Crossfolds. Geol Mag 94:166-7 Mr '57
- Russell, R. J. Geological geomorphology. Geol Soc Am Bul 69:19-21 Ja '58
- Russell, William Low. Structural geology for petroleum geologists. McGraw '55 incl bibliog
- Sarrot-Reynaud, J. Précisions sur les déformations tectoniques dans le S du Dôme de la Mure (Isère). Soc Géol France Bul 7:485-7 D '57
- Sitter, Lamoraal Ulbo de. Structural geology. (McGraw-Hill ser. in geological sciences) McGraw '56 p519-39
- Stevens, G. R. Geomorphology of the Hutt valley, New Zealand. N Z J Sci & Tech secB 38:326-7 Ja '57
- Thornbury, W. D. Geomorphic history of the Upper Wabash valley. Am J Sci 256:468-9 Summer '58
- Whitten, E. H. T. Study of two directions of folding: the structural geology of the Monadhliath and mid-Strathspey. J Geol 67:43-7 Ja '59
- Wisser, E. H. Cordilleran ore districts in relation to regional structure. Can Min & Met Bul 52:41 Ja '59
- See also
Dikes (geology)
Faults (geology)
Folds (geology)
Mountains
- GEOLOGY, Submarine.** See Submarine geology
- GEOMETRICAL optics.** See Optics, Geometrical
- GEOMETRY**
- Adler, Claire Fisher. Modern geometry; an integrated first course. McGraw '58 p207-10
- Bolinder, E. F. Survey of the use of non-Euclidean geometry in electrical engineering. Franklin Inst J 265:184-6 Mr '58
- Centre belge de recherches mathématiques. Colloque sur les questions de réalité en géométrie, Liège, 1955. Colloque sur les questions de réalité en géométrie, tenu à Liège du 23 mai 1955. Thone '56 incl bibliog
- Marchal, Renée. La géométrie. (Les mensurations psychopédagogiques, 3) Laboratoire de pédagogie expérimentale, Univ. catholique de Louvain '56 p265-80
- See also
Surfaces
Topology
- GEOMETRY, Algebraic**
- Fox, Ralph Hartzler, and others, eds. Algebraic geometry and topology; a symposium in honor of S. Lefschetz. (Princeton mathematical ser, 12) Princeton univ. press '57 incl bibliog
- Nagata, M. General theory of algebraic geometry over Dedekind domains. Am J Math 80:419-20 Ap '58
- Segre, Beniamino. Some properties of differentiable varieties and transformations; with special reference to the analytic and algebraic cases. (Ergebnisse der mathematik und ihrer grenzgebiete, new ser. no 13. Reihe: Algebraische geometrie) Springer '57 p 171-8

GEOMETRY, Analytic

- Bohinder, E. F. Theory of noisy two-port networks. *Franklin Inst J* 267:22-3 Ja '59
 Boyer, Carl Benjamin. History of analytic geometry. (Scripta mathematica studies, no6 & 7) Scripta mathematica, Yeshiva univ. '56 p269-84 annot

GEOMETRY, Differential

- Eggleston, Harold Gordon. Problems in Euclidean space: application of convexity; the Adams prize essay of the Univ. of Cambridge, 1955-6. (Int. ser. of monographs on pure and applied mathematics, v5) Pergamon '57 incl bibliog

See also

- Convex bodies
 Spaces, Generalized

GEOMETRY, Plane

See also

- Circle

GEOMETRY, Projective

- Coxeter, Harold Scott Macdonald. Real projective plane. 2d ed Cambridge '55 p219-20

GEOMORPHOLOGY. See **Geology, Structural****GEOPHYSICS**

- Abstracts of papers presented at the fifteenth meeting of the European association of exploration geophysicists, held in London, 10-12 December 1958. *Geophys Prosp* 7:127-31 Mr '59

- Anstey, N. A. Why all this interest in the shape of the pulse? *Geophys Prosp* 6:401-3 D '58

- Associazione geofisica italiana. Bibliografia geofisica italiana, 1942-1953 [a cura di C. Aquilina et al; ed. dall'Istituto nazionale di geofisica sotto gli auspicci del Comitato ordinatore italiano per la X Assemblée generale dell'U.G.G.I.]. The association '54 223p

- Barta, G. Report on the geomagnetic and telluric researches carried out in Hungary during the period 1954-57. *Acta Tech* 18 no 1-2:161-6 '57

- Bates, David Robert, ed. Earth and its atmosphere. Basic bks. '57 p303-8

- Bibliography. See numbers of American geophysical union. Transactions thru 1958

- English translations of Russian scientific journals and papers. *Am Geophys Union Trans* 40:125-8 Je '58

- Ewing, William Maurice, and others. Elastic waves in layered media. (Columbia univ. Lamont geological observatory. Contribution no 189; McGraw-Hill ser. in the geological sciences) McGraw '57 incl bibliog

- Faul, Henry, ed. Nuclear geology; a symposium on nuclear phenomena in the earth sciences. Wiley '54 p373-406

- Geophysical abstracts. U.S. Geological survey. See numbers

- Haalck, Hans. Gegenwärtige probleme und aufgaben der physik des festen erdkörpers. Borntraeger '52 p82-4

- Hersey, J. B. and others. Geophysical investigation of the continental margin between Cape Henry, Virginia, and Jacksonville, Florida. *Geol Soc Am Bul* 70:462-3 Ap '59

- Howell, Benjamin Franklin. Introduction to geophysics. (McGraw-Hill ser. in the geological sciences) McGraw '59 p375-88

- Leet, Lewis Don, and Judson, Sheldon. Physical geology. 2d ed Prentice-Hall '58 incl bibliog

- List of recent publications. See numbers of Journal of geophysical research thru 1958

- London. Science museum. Science library. References to the use of geothermic power, 1928-1953. (Bibliog. ser, no730) The library '55 2p

- McDonal, F. J. and others. Attenuation of shear and compressional waves in Pierre shale. *Geophysics* 23:437-9 Jl '58

- Officer, C. B. and others. Geophysical investigations in the eastern Caribbean. *Geol Soc Am Bul* 68:377-8, 911-12 Mr, Jl '57

- St Amand, P. Geological and geophysical synthesis of the tectonics of portions of British Columbia, the Yukon territory and Alaska. *Geol Soc Am Bul* 68:1369-70 O '57

- Tarbox, G. E. Bibliography of graduate theses on geophysics in U.S. and Canadian institutions. *Colo Sch Mines Q* 53:1-55 Ja '58

- United States. Air force. Cambridge research center. Geophysics research directorate. Handbook of geophysics for air force designers. The center '57 incl bibliog

- Winkler-Hermaden, Artur. Geologisches kräftespiel und landformung; grundsätzliche erkenntnisse zur frage junger gebirgsbildung und landformung. Springer '57 p754-92

See also

- Atmospheric electricity
 Earth—Internal structure
 International geophysical year, 1957-1958
 Meteorology
 Prospecting—Geophysical methods
 Weathering (rocks)

Periodicals

- Italy. Centro nazionale di documentazione scientifico-tecnica. Riviste di geodesia, geofisica, sismologia, meteorologia, ecc. i cui articoli possono essere forniti dal servizio fotocoproduzione documentaria. Consiglio nazionale delle ricerche '54 16p
 Periodica geophysica; nachweis von zeitschriften in bibliotheken der Deutschen Demokratischen Republik; bearb. von Otto Meisser und Ulrich Gerhardt. (Bücherei des dokumentalisten. 4) Akademie-verlag '56 184p

GEOPOLITICS

- Alexander, Lewis M. World political patterns. (Rand McNally geography ser) Rand McNally '57 incl bibliog annot

- Migliorini, Elio. La terra e gli stati; lezioni di geografia politica. 4th rev ed Pironti '55 p233-8

- Pearcy, George Etzel, and Fifield, Russel Hunt. World political geography; 2d ed. by G. Etzel Percy and associates. Crowell '57 p680-705 annot

GEORGE, Stefan Anton, 1868-1933

- Schneider-Hermann, Gertrud. Stefan George in seiner dichtung. Origo '57 p 145-7

GEORGETOWN university, Washington, D.C.

- Daley, John Michael. Georgetown university: origin and early years. Georgetown univ. press '57 p295-308

GEORGIA

- Larwood, James. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of James Larwood; historical, biographical, bibliog. & critical. Atlanta pub. lib. '56 295p

History

- Coleman, Kenneth. American revolution in Georgia, 1763-1789. Univ. of Ga. press '58 p328-40

- Coulter, Ellis Merton. Auraria; the story of a Georgia gold-mining town. Univ. of Ga. press '56 p 133-7

- Hoehling, Adolf A. Last train from Atlanta. Yoseloff '58 p551-8

- Vanstory, Burnette (Lightle). Georgia's land of the Golden isles. Univ. of Ga. press '56 p 186-91

Politics and government

- Gosnell, Cullen Bryant, and Anderson, C. David. Government and administration of Georgia. (Am. commonwealth ser, v9) Crowell '56 p386-9

Social life and customs

- Vanstory, Burnette (Lightle). Georgia's land of the Golden isles. Univ. of Ga. press '56 p 186-91

GEORGIA (Transcaucasia)

- Lashauri, M. Bibliographical guide to recent Soviet literature on Georgia. *Caucasian R* no2:144-6 '57

- Lashauri, L. Bibliographical guide to recent literature published in Soviet Georgia. *Caucasian R* no5:150-3 '57

History

- Lang, David Marshall. Last years of the Georgian monarchy, 1658-1832. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p289-315

GEORGIA, University

- Brooks, Robert Preston. University of Georgia under sixteen administrations, 1785-1955. Univ. of Ga. press '56 p246-50 annot

GEORGIAN manuscripts. See **Manuscripts, Georgian****GERANIUMS**

- Krauss, Helen K. Geraniums for home and garden. Macmillan '55 p 178-9

GERARD DE NERVAL (Gérard Labrunie)

- 1808-1855
 Alberes, R. M. État présent des études nervaliennes. *Inf Litt* 7:178-85 N '55

GERASOL. See DDT (insecticide)

GERCHUNOFF, Alberto. 1883-
Blondet, O. Alberto Gerchunoff: bibliografia.
R. Hispan. Mod 23:257-9 J1 '57

GERIATRICS. See Old age—Diseases

GERICAULT, Jean Louis André Théodore,
1791-1824
Aimé, Denise. Mazeppa: Géricault et son
temps; préf. de Pierre Dubaut. Plon '56
p330-46

GERLACH, Ernst Ludwig von, 1795-1877
Schoeps, Hans Joachim. Das andere Preus-
sen; konservative gestalten und probleme
im zeitalter Friedrich Wilhelm IV. 2d ed
rev & enl Peters '57 p353-64

GERM cells
Alexander, M. L. Radiation damage in the
developing germ cells of drosophila virilis
from fast neutron treatment. Genetics 43:
467-9 J1 '58

See also
Oocytes

GERMAN AMERICAN literature
Bibliography: Americana germanica, 1954
[-1958] Am-Germ R 21:34-40; 22:34-9; 23:
32-40; 24:33-40; 25:31-8 Ap '55, Ap '56, Ap
'57, Ap '58, Je '59

Eggers, Johann. German publishing in the
United States. (Occasional contributions,
no53) Ky. Univ. lib. '53 15p

GERMAN Baptist brethren. See Church of the
brethren

GERMAN drama
Allgayer, Wilhelm. Dramenlexikon; ein weg-
weiser zu etwa 10,000 urheberrechtlich
geschützten bühnenwerken der jahre 1945-
1957; begründet von Friedrich Ernst Schulz.
Kiepenheuer & Witsch '58 593p

History and criticism

Kretzenbacher, Leopold. Passionsbrauch und
Christi-leiden-spiel in den Südost-Alpen-
ländern. Müller '52 p 137-45

Swiss authors

Joho, Rudolf, ed. Schweizerische bühnen-
werke in deutscher sprache; berufstheater.
Volksverlag '55 214p

Translations from foreign literature

Allgayer, Wilhelm. Dramenlexikon; ein weg-
weiser zu etwa 10,000 urheberrechtlich
geschützten bühnenwerken der jahre 1945-
1957; begründet von Friedrich Ernst Schulz.
Kiepenheuer & Witsch '58 593p

GERMAN fiction

Luther, Arthur, and Friesenhahn, Heinz.
Land und leute in deutscher erzählung; ein
bibliographisches literaturlexikon; 3. gänz-
lich veränderte und ergänzte aufl. von
Deutsches land in deutscher erzählung und
Deutsche geschichte in deutscher erzäh-
lung. Hiersemann '54 555p

History and criticism

Klein, Johannes. Geschichte der deutschen
novelle von Goethe bis zur gegenwart. 2d
rev & enl ed Steiner '54 incl bibliog

19th century

History and criticism

Brinkmann, Richard. Wirklichkeit und il-
lusion; studien über gehalt und grenzen
des begriffs realismus für die erzählende
dichtung des neunzehnten jahrhunderts.
Niemeyer '57 p339-47

20th century

Waidson, Herbert Morgan. Modern German
novel; a mid-twentieth cent. survey. (Hull.
Univ. Pubs) Oxford '59 p 123-8

History and criticism

Waidson, Herbert Morgan. Modern German
novel; a mid-twentieth cent. survey. (Hull.
Univ. Pubs) Oxford '59 p 120-2

GERMAN language

Betz, W. Neuere literatur zu hochsprache,
mundart und umgangssprache. Deutschun-
terricht 8 no 2:86-92 '56

Doctoral degrees granted in 1955 [-1957-58]
Monatshefte 48:42-3; 49:44-5; 50:41; 51:44-5
Ja '56, Ja '57, Ja '58, Ja '59

Dialects

Protze, Helmut. Das westlausitzische und
ostmeissnische; dialektgeographische unter-
suchungen zur lausitzisch-obersächsischen
sprach- und siedlungsgeschichte. (Mittel-
deutsche studien, 20) Niemeyer '57 p254-74

Maps

Siegel, E. Deutsche wortkarte, 1941-1955. Z
Mundartforsch 25:193-208 D '57

Foreign words and phrases

Ganz, Peter F. Der einfluss des englischen
auf den deutschen wortschatz, 1640-1815.
Schmidt '57 p239-57

Slang

Wolf, Siegmund A. Wörterbuch des rotwel-
schen; deutsche gaunersprache. Bibliog.
inst. '56 p 15-28

Study and teaching

Winkler, Christian, and Essen, Erika.
Deutsche sprechkunde und sprecherziehung.
Pädagogischer verlag Schwann '54 p465-88

Words

History

Günther, Veronika. Fromm in der Zürcher
reformation; eine wörtgeschichtliche unter-
suchung. Sauerländer '55 p xix-xxiv

GERMAN literature

Proctor, Robert George Collier. Index of Ger-
man books 1501-1520 in the British mu-
seum. 2d ed (Holland press bibliog, 3) Hol-
land press '54 273p

Yale university. Library. Yale collection of
German literature. German baroque lit-
erature; a catalogue of the coll. in the
library by Curt von Faber du Faur [tr.
by Leon Nemoy] (Bibliog ser) Yale univ
press '58 496p

See also

Austrian literature

German American literature

German drama

German fiction

German poetry

Literature, Comparative—American and Ger-
man

Literature, Comparative—English and Ger-
man

Literature, Comparative—French and German

History and criticism

Bibliographie der deutschen literaturwissen-
schaft, 1945-1953[-1954-1956] (V 1-2) Kloster-
mann '57-'58 2v

Dietze, Walter. Junges Deutschland und
deutsche klassik; zur ästhetik und litera-
turtheorie des Vormärz. (Neue beiträge zur
literaturwissenschaft, v6) Rütten & Loening
'57 p353-78

Doctoral degrees granted in 1955 [-1957-58]
Monatshefte 48:42-3; 49:44-5; 50:41; 51:44-5
Ja '56, Ja '57, Ja '58, Ja '59

German literature of the nineteenth cen-
tury, 1830-1880; a current bibliog, 9th
[-12th] Germanic R 31:115-47; 32:113-37;
33:83-117; 34:124-50 Ap '56, Ap '57, Ap '58,
Ap '59 annot

Jahresbericht über die wissenschaftlichen
erscheinungen auf dem gebiete der neueren
deutschen literatur; hrsg. von der Deut-
schen akad. der wissenschaften, 1936-1939.
(V 16/19) Akademie-verlag '56 689p

Koch, Franz. Idee und wirklichkeit;
deutsche dichtung zwischen romantik und
naturalismus. Ehlermann '56 2v v2, p441-
54

Olzien, Otto Heinrich. Bibliographie zur
deutschen literaturgeschichte [zweites er-
gänzungsheft zu den Annalen der deut-
schen literatur, hrsg. von Heinz Burger]
J. B. Metzler '53 156p

—Nachträge 1953-1954, mit ergänzungen und
berichtigungen. J. B. Metzler '55 24p

Pfeiffer-Belll, Wolfgang. Geschichte der
deutschen dichtung. Herder '54 p603-22

Pfeiler, William Karl. German literature in
exile; the concern of the poets. (Neb.
Univ. Studies, new ser, no 16) Univ. of
Neb. press '57 p 131-7

Schneider, Albert Eugène. La légende de
Geneviève de Brabant dans la littérature
allemande. (Volksbuch, Müller, Tieck,
Hebbel, Ludwig) Les Belles lettres '55
p 179-95

GERMAN literature—Continued

Translations from English

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. USA im Spiegel der Literatur. Verlag für buch- & bibliothekswesen '57 132p

Price, Mary (Bell), and Price, Lawrence M. Publication of English humaniora in Germany in the eighteenth century. (Calif. Univ. Pubs. in modern philology, v44) Univ. of Calif. press '55 216p

United States. Information agency. Verzeichnis amerikanischer Bücher in deutscher Übersetzung erschienen seit 1945. The agency '54 294p

—Nachtrag, sept. 1954-aug. 1956[sept. 1956-aug. 1958] The agency '56-'58 2v

Translations into English

Mönnig, Richard. Deutschland und die Deutschen im englisch-sprachigen Schrifttum, 1948-1955; eine biblog. hrsg. von Inter Nationes e.v. Bonn. Vandenhoeck & Ruprecht '57 147p

Translations from French

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Frankreich, ein Bücherverzeichnis moderner französischer Literatur [hrsg. nach einem Manuskript von Wolfgang und Ilse Schumann, bearb. und ergänzt von Hans-Werner Baum. Verlag für buch- & bibliothekswesen '56 71p

Old High German

History and criticism

Fuchs, Albert. Les débuts de la littérature allemande du VIII^e au XII^e siècles. (Strasbourg. Univ. Faculté des lettres. Pubs, v 118) Belles lettres '52 incl bibliog

Middle High German

History and criticism

Fischer, H. Neue Forschungen zur deutschen Dichtung des späten Mittelalters <1230-1500> Deutsch Vierteljahrs Literaturw & Geistesgesch 31 no2:303-45 '57

Fuchs, Albert. Les débuts de la littérature allemande du VIII^e au XII^e siècles. (Strasbourg. Univ. Faculté des lettres. Pubs, v 118) Belles lettres '52 incl bibliog

Early modern (to 1700)

Yale university. Library. Yale collection of German literature. German baroque literature; a catalogue of the coll. in the Library by Curt von Faber du Faur [tr. by Leon Nemoj] (Bibliog. ser) Yale univ. press '58 496p

18th century

History and criticism

Rasch, W. Die Literatur der Aufklärungszeit; ein Forschungsbericht. Deutsch Vierteljahrs Literaturw & Geistesgesch 30 no4: 533-60 '56

Wilhelm, G. Bibliographie deutschsprachiger Bücher und Zeitschriftenaufsätze zur deutschen Literatur von der Aufklärung bis zur bürgerlichen Revolution von 1848-49, die seit dem 1. Januar 1954 erschienen sind. Weimarer Beiträge 1 no 1/2:171-232; 2 no 1:105-63; no3:417-74; 3 no2:307-85; no4:651-703; 4 no2:266-310; no4:593-633; 5 no2:271-301 '55-'59

19th century

History and criticism

Wilhelm, G. Bibliographie deutschsprachiger Bücher und Zeitschriftenaufsätze zur deutschen Literatur von der Aufklärung bis zur bürgerlichen Revolution von 1848-49, die seit dem 1. Januar 1954 erschienen sind. Weimarer Beiträge 1 no 1/2:171-232; 2 no 1:105-63; no3:417-74; 3 no2:307-85; no4:651-703; 4 no2:266-310; no4:593-633; 5 no2:271-301 '55-'59

20th century

History and criticism

Schneider, K. L. Neue Literatur zur Dichtung des deutschen Expressionismus. Euphorion 47 no 1:99-110 '53

Sokel, Walter Herbert. Writer in extremis; expressionism in twentieth-century German literature. Stanford univ. press '59 p233-44

GERMAN philology

Bibliography of Swedish works on Romance, English and German philology, 1952-55. (In Nvfilologiska sällskapet i Stockholm. Studier i modern språkvetenskap. (V 19) Almqvist '56 p209-14)

Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie; hrsg. von der Deutschen akad. der Wissenschaften, 1936-1939. (V 16/19) Akademie-verlag '54 1052p

Leyen, Friedrich von der. Deutsche Philologie; eine Einführung in ihr Studium. Klett '52 incl bibliog

GERMAN poetry

History and criticism

Anger, A. Landschaftsstil des Rokoko. Euphorion 51 no2:188-91 '57

Blume, B. and Schroeder, A. E. Interpretations of German poetry (1939-1956) a bibliography. Monatshefte 49:241-63 O '57

Hirschenauer, Fulgentius, and Weber, Albrecht, eds. Wege zum Gedicht; mit einer Einführung von Edgar Hederer. Schnell & Steiner '56 p405-55

Middle High German

History and criticism

Jungbluth, G. Neue Forschungen zur mittelhochdeutschen Lyrik. Euphorion 51 no2:192-221 '57

See also

Nibelungenlied

GERMAN resistance movement. See Anti-Nazi movement

GERMANIC languages

See also

Anglo-Saxon language

English language

German language

Icelandic and Old Norse languages

Scandinavian languages

GERMANIC law. See Law, Germanic

GERMANIC philology

Closs, A. Forschungsbericht über germanistik auf englischem Sprachgebiet, 1[-5] Euphorion 45 no2:249-56; 46 no2:217-23; 47 no3/4:421-30; 48 no4:466-71; 50 no4:428-42 '50, '52-'54, '56

See also

English philology

German philology

Low German philology

Periodicals

London. University. Institute of Germanic languages and literatures. Union list of periodicals dealing with Germanic languages and literatures [in the University library and in libraries of colleges and institutes of the University] The Institute '56 58p

GERMANIUM

Burton, J. D. and others. Abundances of gallium and germanium in terrestrial materials. Geochimica & Cosmochimica Acta 16: 168-70 My '59

Conwell, E. M. Properties of silicon and germanium. Inst Radio Eng Proc 46:1298-1300 Je '53

El Wardini, S. A. Marine geochemistry of germanium and the origin of Pacific pelagic clay minerals. Geochimica & Cosmochimica Acta 15:253-4 D '53

Herman, F. Electronic energy band structure of silicon and germanium. Inst Radio Eng Proc 43:1731-2 D '55

Kinman, T. H. and others. Germanium and silicon power rectifiers. Inst Elec Eng Proc 103:102 Ap '56

Matz, A. W. Thermal turnover in germanium P-N junctions. Inst Elec Eng Proc 104 ptB:536 N '57

Scholl, Allen W. and Arrick, Roy W. Germanium bibliography. The authors '55 131p

Schultz, M. L. and Morton G. A. Photoconduction in germanium and silicon. Inst Radio Eng Proc 43:1827-8 D '55

Wardani, S. A. E. On the geochemistry of germanium. Geochimica & Cosmochimica Acta 13 no 1:18-19 S '53

GERMANS

Mönnig, Richard. Deutschland und die Deutschen im englisch-sprachigen Schrifttum, 1948-1955; eine biblog. hrsg. von Inter Nationes e.v. Bonn. Vandenhoeck & Ruprecht '57 147p

GERMANS in Czechoslovakia

Dissertationen zur problematik des böhmisch-mährischen raumes. (Schriftenreihe, no 1) Sudetendeutsches archiv '5-? 1v

GERMANS in Europe, Eastern

Kuhn, Walter. Geschichte der deutschen ost-siedlung in der neuzeit; v 1, Das 15. bis 17. jahrhundert (allgemeiner teil). (Ostmitteleuropa in vergangenheit und gegenwart 1) Böhlau '55-'57 2v v 1, p 1-31

GERMANS in foreign countries

Jong, Louis de. De Duitse vijfde colonne in de tweede wereldoorlog. Van Loghum Slaterus '53 p457-80

GERMANS in Pennsylvania. See **Pennsylvania Germans****GERMANS in Poland**

Bierschenk, Theodor. Die deutsche volksgruppe in Polen, 1934-1939. (Göttinger arbeitskreis. Veröffentlichung no 124; Königsberg. Univ. Jahrbuch. Beihefte, 10) Holzner-verlag '54 p383-405

Breyer, Richard. Das Deutsche Reich und Polen, 1932-1937; aussenpolitik und volksgruppenfragen. (Marburger ostforschungen, v3) Holzner '55 p343-59

Heike, Otto. Das deutschtum in Polen, 1918-1939. The author '55 p235-57

GERMANS in the United States

Bibliography: Americana germanica, 1954 [-1958] Am-Germ R 21:34-40; 22:34-9; 23:32-40; 24:33-40; 25:31-8 Ap '55, Ap '56, Ap '57, Ap '58, Je '59

See also

German American literature**GERMANTOWN, Battle of, 1777**

Brownlow, Donald Grey. Documentary history of the Battle of Germantown. Germantown historical soc. '55 p b-j

GERMANTOWN, Pennsylvania

Tinkcom, Harry Marlin, and others. Historic Germantown; from the founding to the early part of the nineteenth century; a survey of the German township. (Memoirs, v39) Am. philosophical soc. '55 p 144-50 annot

GERMANY

Bithell, Jethro, ed. Germany; a companion to German studies. 5th ed rev, enl (Methuen's companions to modern studies) Pitman '55 incl bibliog

Boeninger, Hildegard R. Hoover library collection on Germany. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Coll. survey, no2) Stanford univ. press '55 56p annot

Mönnig, Richard. Deutschland und die Deutschen im englisch-sprachigen schrifttum, 1948-1955; eine bibliog. hrsg. von Inter Naciones e.v. Bonn. Vandenhoeck & Ruprecht '57 147p

See also

Anti-Nazi movement**Antiquities**

Jahn, Martin. Bibliographie zur vor- und fröhggeschichte Mitteldeutschlands. (Sächsische akad. der wissenschaften. Philologisch-historische klasse. Abh, v47, no 1; v48, no2; v50, no 1a) Akademie-verlag '55-'59 3v

Army

Gordon, Harold J. Reichswehr and the German Republic, 1919-1926. Princeton univ. press '57 p441-62

See also

Germany—History. Military**Boundaries**

Goguel, Rudi, and Pohl, Heinz. Oder-Neisse; eine dokumentation. (Deutsches inst. für zeitgeschichte. Quellen und studien) Kongress-verlag '55 p 185-9

Wójcik, Andrzej J. Teheran conference and the Odra-Nisa boundary. The author '59 p67-70

Census

Ausschuss der deutschen statistiker für die volks- und berufszählung 1946. Bibliographie der volks- und berufszählung vom 29. Oktober 1946. Duncker & Humblot '51 59p

Church history

Conzemius, Viktor. Jakob III von Eltz, erzbischof von Trier 1567-1581; ein kurfürst im zeitalter der gegenreformation. (Inst. für europäische geschichte. Mainz. Veröffentlichungen, v 12) Steiner '56 p257-66

Hauck, Albert. Kirchengeschichte Deutschlands. 8th ed Akademie-verlag '54 incl bibliog

Schnippenkoetter, Swidbert. Die rechtsverhältnisse des Altenberger domes. (Bonner rechtswissenschaftliche abh, no45) Röhrscheid '52 p xlx-xxviii

Velt, Andreas Ludwig, and Lenhart, Ludwig. Kirche und volkströmmigkeit im zeitalter des barock. Herder '56 p273-5

Commerce

Mader, Julius. Die rationalisatorenbewegung im volkseigenen und genossenschaftlichen handel. Deutscher zentralverlag '56 p 199-205

Denazification

See **Denazification**

Description and travel

Strauss, Gerald. Sixteenth-century Germany: its topography and topographers. Univ. of Wis. press '59 p 189-91 annot

Economic conditions

Slusser, Robert, ed. Soviet economic policy in postwar Germany; a coll. of papers by former Soviet officials, by Vasil Yershov [pseud, and others] (Studies on the U.S.S.R, no3) Research program on the U.S.S.R. '53 p 168-72

Economic policy

Slusser, Robert, ed. Soviet economic policy in postwar Germany; a coll. of papers by former Soviet officials, by Vasil Yershov [pseud, and others] (Studies on the U.S.S.R, no3) Research program on the U.S.S.R. '53 p 168-72

Fiction

Luther, Arthur, and Friesenbahn, Heinz. Land und leute in deutscher erzählung; ein bibliographisches literaturlexikon; 3. gänzlich veränderte und ergänzte auf. von Deutsches land in deutscher erzählung und Deutsche geschichte in deutscher erzählung. Hiersemann '54 555p

Foreign relations

Deuerlein, Ernst. Der Bundesratsausschuss für die auswärtigen angelegenheiten, 1870-1918; dargestellt vornehmlich auf grund bisher unveröffentlichter akten des Bayerischen geheimen staatsarchivs München, der Bayerischen staatskanzlei München, des Württembergischen hauptstaatsarchivs Stuttgart und des Badischen generallandesarchivs Karlsruhe. Habel '55 p 325-45

Deutsch, Karl Wolfgang, and Edinger, Lewis Joachim. Germany rejoins the powers; mass opinion, interest groups, and elites in contemporary German foreign policy. Stanford univ. press '59 p293-8

Erusalimskii, Arkadii Samsonovich. Die aussenpolitik und die diplomatie des deutschen imperialismus ende des 19. jahrhunderts; übers. von Leon Nebenzahl. Dietz '54 p797-818

Denmark

See also

Schleswig-Holstein question**France**

Lutz, Hermann. German-French unity; basis for European peace. Regnery '57 p247-51

Japan

Iklé, Frank William. German-Japanese relations, 1936-1940. Bookman associates '56 p229-37 annot

Presselsen, Ernst Leopold. Germany and Japan; a study in totalitarian diplomacy, 1933-1941. (Int. scholars forum; a ser. of bks. by Am. scholars, 12) Nijhoff '58 p331-49

Poland

Breyer, Richard. Das Deutsche Reich und Polen, 1932-1937; aussenpolitik und volksgruppenfragen. (Marburger ostforschungen, v3) Holzner '55 p343-59

Russia

Freund, Gerald. Unholy alliance; Russian-German relations from the Treaty of Brest-Litovsk to the Treaty of Berlin; with an introd. by J. W. Wheeler-Bennett. Harcourt '57 p261-70

GERMANY—Foreign relations—Continued

United States

Birnbaum, Karl E. Peace moves and U-boat warfare; a study of imperial Germany's policy towards the U.S. Apr. 13, 1916-Jan. 9, 1917. (Acta univ. stockholmiensis, Stockholm studies in history, 2) Almqvist '58 p375-83

Government publications

Boeninger, Hildegard R. Hoover library collection on Germany. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Coll. survey, no2) Stanford univ. press '55 p42-6

Germany (Federal Republic, 1949-) Presse und informationsamt. Das amtliche schrifttum der Bundesrepublik. 2. aufl. (stand ende märz 1957) Deutscher bundesverlag '57 114p

Historical geography

Huttenlocher, F. Die ehemaligen territorien des Deutschen Reichs in ihrer kulturlandschaftlichen bedeutung. Erdkunde 11:106 My '57

History

Ellwein, Thomas, and Nagy, Oswald von. Kleine bûcherkunde für die politische bildung. Juventa-verlag '56 134p
—Same. 2d rev ed Juventa-verlag '57 140p
Falk, Minna Regina. History of Germany; from the reformation to the present day. Philosophical lib. '57 p425-7

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Deutschland; geschichte und gegenwart im spiegel der literatur; eine auswahl für die leser unserer bibliothek. The institute '53 111p

Hertz, Friedrich Otto. Development of the German public mind; a social history of German political sentiments, aspirations, and ideas; v 1. The middle ages [and] the reformation. Macmillan '57 incl bibliog annot

Jahn, Martin. Bibliographie zur vor- und frühgeschichte Mitteldeutschlands. (Sächsisches akad. der wissenschaften. Philologisch-historische klasse. Abh. v47, no 1; v43, no2; v50 no 1a) Akademie-verlag '55-59 3v

Jahresberichte für deutsche geschichte, 1949 [-1951/52] (V 1-3/4) Akademie-verlag '52-56 3v

Passant, Ernest James. Short history of Germany, 1815-1945; economic secs. by W. O. Henderson, and with contributions by C. J. Child and D. C. Watt. Cambridge '59 p237-44 annot

Rassow, Peter, ed. Deutsche geschichte im überblick; ein handbuch, hrsg. unter mitwirkung zahlreicher fachgelehrter. Metzler '53 p773-837

Bibliography

Zimmermann, E. Die bibliographische berichterstattung zur deutschen landesgeschichte (neuerscheinungen seit 1945) Z Bibl & Bibliog 4 no2:101-12 '57

Fiction

Hänel, Erich. Mit dem buch in die vergangenheit; empfehlungen für die verwendung historischer belletristik im geschichtsunterricht. neuzeit (1750-1918) Volk & wissen '58 96p

Luther, Arthur, and Friesenhahn, Heinz. Land und leute in deutscher erzählung; ein bibliographisches literaturlexikon; 3. gänzlich veränderte und ergänzte aufl. von Deutsches land in deutscher erzählung und Deutsche geschichte in deutscher erzählung. Hiersemann '54 555p

Historiography

Strauss, Gerald. Sixteenth-century Germany; its topography and topographers. Univ. of Wis. press '59 p 189-91 annot

To 1517

Dollinger, P. and Folz, R. Histoire d'Allemagne au moyen âge. R Hist 215:96-128, 296-328 Ja-Apr '56

843-1273

Müller-Mertens, Eckhard. Das zeitalter der Ottonen; kurzer abriß der politischen geschichte Deutschlands im zehnten jahrhundert. Rütten & Loening '55 p 177-99

Franconian house, 1024-1125

Adam of Bremen. History of the archbishops of Hamburg-Bremen; tr. with an introd. and notes by Francis J. Tschan. (Columbia univ. Records of civilization, sources and studies, no53) Columbia univ. press '59 p230-8

Salian house, 1024-1125

See Germany—History—Franconian house, 1024-1125

1517-1648

See also

Peasants' war, 1524-1525

1806-1815

Müller, Harald, and Westphal, Günter. Der nationale befreiungskampf des deutschen volkes gegen die napoleonische fremdherrschaft; quellenauszüge. Volk & wissen '54 p 146-9

Revolution, 1848-1849

Droz, Jacques. Les révolutions allemandes de 1848, d'après un manuscrit et des notes de E. Tonnelat. (Clermont-Ferrand, France. Univ. Faculté des lettres. Pubs, ser2, no6) Presses univ. de France '57 p 11-22

1871-1918

Nichols, John Alden. Germany after Bismarck; the Caprivi era, 1890-1894. Harvard univ. press '58 p379-86

20th century

Milatz, Alfred, and Vogelsang, Thilo, eds. Hochschulschriften zur neueren deutschen geschichte; eine bibliographie. 1. ausg: 1945-1955. Selbstverlag der Komm. für geschichte des parlamentarismus & der politischen parteien '56 142p

Reiners, Ludwig. In Europa gehen die lichter aus; der untergang des wilhelminischen Reiches. Beck '54 incl bibliog

—Same; with title: Lamps went out in Europe; tr. from the German by Richard and Clara Winston. Pantheon '55 p305-6

1918-1933

Coper, Rudolf. Failure of a revolution: Germany in 1918-1919. Cambridge '55 p282-6

1933-1945

Herre, Franz, and Auerbach, Hellmuth. Bibliographie zu zeitgeschichte und zum zweiten weltkrieg für die jahre 1945-50. Inst. für zeitgeschichte '55 254p

Leber, Annedore, and others, eds. Conscience in revolt; sixty-four stories of resistance in Germany, 1933-1945; with contributions from Hilde Walter [and others] introd. by Robert Brierly. Associated booksellers '57 p264-70 annot

See also

Anti-Nazi movement

Allied occupation, 1945-1955

Davidson, Eugene. Death and life of Germany; an account of the Am. occupation. Knopf '59 p405-22

Lee, Guy Anderson. Guide to studies of the Historical division, Office of the U.S. High Commissioner for Germany. Management & budget div, Office of the executive director, Office of the U.S. High Commissioner for Germany '53 131p

Mason, J. B. Government, administration, and politics in West Germany; a sel. bibliography. Am Pol Sci R 52:513-30 Je '58
Zink, Harold. United States in Germany, 1944-1955. Van Nostrand '57 p362-6

See also

Denazification

History, Military

Obermann, Emil. Soldaten, bürger, militäristen; militär und demokratie in Deutschland. Cotta '58 p303-13

Industries and resources

Klein, Burton Harold. Germany's economic preparations for war. (Harvard economic studies, v 109) Harvard univ. press '59 p259-64

Military policy

Gordon, Harold J. Reichswehr and the German Republic, 1919-1926. Princeton univ. press '57 p441-62

Klein, Burton Harold. Germany's economic preparations for war. (Harvard economic studies, v 109) Harvard univ. press '59 p259-64

GERMANY—Continued

Politics and government

- Craig, Gordon Alexander. Politics of the Prussian army 1640-1945. Oxford '56 p505-21
- Erusalimskii, Arkadii Samsonovich. Die aussenpolitik und die diplomatie des deutschen imperialismus ende des 19. jahrhunderts; übers. von Leon Nebenzahl. Dietz '54 p797-818
- Meyer, Karl W. Karl Liebknecht: man without a country; introd. by C. V. Easum. Public affairs press '57 p 174-8
- Ranney, John Calver, and Carter, Gwendolen Margaret. Major foreign powers; the govts. of Great Britain, France, Germany, and the Soviet Union. 3d ed. by Gwendolen M. Carter [and others]. Harcourt '57 p721-92
- See also
Communist party (Germany)

1848-1870

- Mosse, Werner Eugen. European powers and the German question, 1848-71; with special reference to England and Russia. Cambridge '58 p395-7

1871-1918

- Cieślak, Tadeusz. Bismarkowska. ustawa antysocjalistyczna z dnia 21 października 1878 r.; studium historyczno-prawne. (Torwarzystwo naukowe w Toruniu. Roczniki, v56, 1951, no2) Nakł. tow. naukowego '52 p 153-9
- Morsey, Rudolf. Die oberste reichsverwaltung unter Bismarck, 1867-1890. (Neue münstersche beiträge zur geschichtsforschung, v3) Aschendorff '57 p325-35
- Schorske, Carl E. German social democracy, 1905-1917; the development of the great schism. (Harvard historical studies, v65) Harvard univ. press '55 p331-52 annot

20th century

- Haaland, Arild. Nazismen i Tyskland; en analyse av dens forutsetninger [utg. av] Chr. Michelsens inst. for videnskap og ændsfrhet. Grieg '55 p628-63
- Snell, John L. ed. Nazi revolution: Germany's guilt or Germany's fate? (Problems in European civilization) Heath '59 p94-7 annot
- Termin, Walter. Zwischen räteditatur und sozialer demokratie; die geschichte der rätebewegung in der deutschen revolution 1918/19. (Beiträge zur geschichte des parlamentarismus und der politischen parteien, no4) Droste-verlag '54 p 139-45

1918-1933

- Gordon, Harold J. Reichswehr and the German Republic, 1919-1926. Princeton univ. press '57 p441-62
- Hornung, Klaus. Der Jungdeutsche orden. (Beiträge zur geschichte des parlamentarismus und der politischen parteien, v 14) Droste verlag '58 p 145-153

1933-1945

- Crankshaw, Edward. Gestapo, instrument of tyranny. Putnam '56 p261-4 annot
- Gallin, Mary Alice. Ethical and religious factors in the German resistance to Hitler. Catholic univ. of Am. press '55 p203-17
- Institut für zeitgeschichte, Munich. Gutachten des Instituts für zeitgeschichte. (Veröffentlichungen) The institute '58 incl bibliog
- Neurohr, Jean Frederic. Der mythos vom Dritten reich; zur geistesgeschichte des nationalsozialismus. Cotta '57 p274-6
- Reitlinger, Gerald. SS, alibi of a nation, 1922-1945. Viking '57 p455-60

Race problems

- Fenigstein-Sigg, Marianne. Das rassestrafrecht in Deutschland in den jahren 1933-1945 unter besonderer berücksichtigung des blutschutzgesetzes. (Zürcher beiträge zur rechtswissenschaft, new ser, no 170) H. R. Sauerländer '51 p 123-6
- Tenenbaum, Joseph. Race and Reich; the story of an epoch. Twayne '56 p503-24

Religion

- Veit, Andreas Ludwig, and Lenhart, Ludwig. Kirche und volkfrömmigkeit im zeitalter des barock. Herder '56 p273-5

Social policy

- Syrup, Friedrich. Hundert jahre staatliche sozialpolitik, 1839-1939; hrsg. von Julius Scheuble; bearb. von Otto Neuloh. Kohlhammer '57 p584-92

GERMANY (Democratic Republic, 1949-)

- McClellan, Grant Samuel, ed. Two Germanies. (Reference shelf, v31, no 1) Wilson '59 p 176-84

Commerce

- Foerster, Wolfgang. Das aussenhandelsystem der sowjetischen besatzungszone Deutschlands; die entwicklung der organisation und technik des sowjetzonalen aussenhandels. Bundesministerium für gesamtdeutsche fragen '55 p85-90

Politics and government

- Brückmann, Kurt, and others. Literatur für den volksvertreter; eine empfehlende bibliographie. (Leipzig. Deutsche bücherei. Sonderbibliog. 11) Deutscher zentralverlag '58 88p

GERMANY (Federal Republic, 1949-)

- Conant, James Bryant. Germany and freedom; a personal appraisal. (Godkin lectures on the essentials of free gov. and the duties of the citizen, 1958) Harvard univ. press '58 p 115-17
- McClellan, Grant Samuel, ed. Two Germanies. (Reference shelf, v31, no 1) Wilson '59 p 176-84

Census

- Germany (Federal Republic, 1949-) Statistisches bundesamt. Bibliographien zum volkszählungswerk 1950. (Statistik der Bundesrepublik Deutschland, v50) Kohlhammer '56 140p

Constitutional history

- Golay, John Ford. Founding of the Federal Republic of Germany. Univ. of Chicago press '58 p276-86

Government publications

- United States. Library of Congress. Serial division. German Federal Republic official publications, 1949-1957, with inclusion of preceding zonal official pubs; a survey; prepared by James B. Childs. The division '58 2v

Politics and government

- Grosser, Alfred, and others, eds. Administration et politique en Allemagne occidentale; recueil d'études. (Fondation nat. des sciences politiques, Cahiers, 57) Colin '54 p229-45
- Hiscocks, Richard. Democracy in Western Germany. Oxford '57 p299-311
- Mason, J. B. Government, administration, and politics in West Germany; a sel. bibliography. Am Pol Sci R 52:513-30 Je '58

GERMANY, Eastern

- Hanover. Stadtbibliothek. Deutscher Osten; ein verzeichnis von büchern und aufätzen. 2d ed The library '55 28p
- Jahns, Bernd. Die Ostlandkunde im unterricht der schulen; eine bibliog. der neuerscheinungen zur Ostlandkunde 1945-1952. (Schriftenreihe, no2) Deutsche Pestalozzi-gesellschaft '53 36p
- Jahns, Bernd. Wegweiser zur Ostlandkunde im unterricht; eine bibliog. der ost- und südostdeutschen neuerscheinungen seit 1945 bis 1955. (Schriftenreihe no5) Deutsche Pestalozzi-gesellschaft '55 40p
- Ostdeutsche bibliographie, 1945-1948 [-1957] (No 1-8) Königsberg Univ Jahrb 2:269-342; 3:261-359; 4:283-397; 5:401-73; 6:327-403; 7: 371-467; 8:451-510; 9:271-315 '52-59
- Perlick, Alfons. Ostdeutsche bibliographie; verzeichnis der seit 1945 erschienenen selbständigen veröffentlichungen; eine auswahl zur handhabung für die ostdeutsche volksums- und kulturpflege. (Schriftenreihe für das vertriebenenwesen, v21) Wegweiser '53 155p
- Rister, Herbert. Schrifttum über den deutschen Osten, 1945-1951. Elwert '53 82p

Economic conditions

- Gleitze, Bruno. Ostdeutsche wirtschaft; industrielle standorte und volkswirtschaftliche kapazitäten des ungeteilten Deutschland. Duncker & Humblot '56 p221-5

GERMANY and France

- Ludwigsburg, Germany. Deutsch-französisches institut. Deutschland-Frankreich; Ludwigsburger beiträge zum problem der deutsch-französischen beziehungen. (Veröffentlichungen, 1) Deutsche verlagsanstalt '54 p291-378
- Zieburg, Gilbert. Die deutsche frage in der öffentlichen meinung Frankreichs von 1911-1914. (Berlin. Freie univ. Friedrich-Meinecke-inst. Studien zur europäischen geschichte, v 1) Colloquium verlag '55 p210-22

- GERMICIDES.** See Disinfection and disinfectants
- GERMINATION**
- Griesbach, R. A. and Voth, P. D. On dormancy and seed germination in hemerocallis. *Bot Gaz* 118:236-7 Je '57
- Halvorson, H. and Church, B. Biochemistry of spores of aerobic bacilli with special reference to germination. *Bact R* 21:127-31 Je '57
- King, J. R. and Johnston, T. M. Factors affecting Irish potato pollen germination in an artificial environment. *Am Potato J* 35: 699-700 O '58
- Knapp, Rüdiger. Experimentelle soziologie der höheren pflanzen; v 1, Einwirkung der pflanzen aufeinander. Soziologie der keimung und des aufwachsenden bestandes. Ulmer '54 p 176-202
- Koehler, B. Some conditions influencing the results from corn seed treatment tests. *Phytopathology* 44:582-3 O '54
- Kruij, Willem. Study in connection with the problem of hormonization of seeds. North-Holland pub. co. '54 p71-82
- Lingappa, B. T. Cytology of development and germination of resting spores of sychytrium brownii. *Am J Bot* 45:620 O '58
- McFarlane, Vernon H. Effects of heat treatment on the viability of rice. (U.S. Dept. of agriculture. Technical bul. no 1129) U.S. Gov. ptg. office '55 p47-51
- Robinson, R. W. Seed germination problems in the umbelliferae. *Bot R* 20:546-50 N '54
- Roistacher, C. N. and others. 2,3,5-triphenyl-tetrazolium chloride as an indicator of germinability and dormancy of gladiolus cormels. *Hilgardia* 26 no 17:701-4 S '57
- Smoot, J. J. and others. Production and germination of oospores of phytophthora infestans. *Phytopathology* 48:171 Mr '58
- Stearns, F. and Olson, J. Interactions of photoperiod and temperature affecting seed germination in tsuga canadensis. *Am J Bot* 45:58 Ja '58
- Sussman, A. S. and others. Metabolic aspects of neurospora activation and germination. *Plant Physiol* 31:134-5 Mr '56
- Tsui, C. Effect of seed treatment with microelements upon the germination and early growth of wheat. *Scientia Sinica* 4:134-5 Mr '55
- Vanden Born, W. H. and Corns, W. G. Studies on seed dormancy, plant development, and chemical control of tartary buckwheat (*fagopyrum tataricum* (L.) Gaertn.) *Can J Plant Sci* 38:365-6, 373; 39:70 JI '58, Ja '59
- Wellington, P. S. Studies on the germination of cereals. *Ann Bot* 20:119-20 Ja '56
- See also
- Dormancy (plants)
- Sprouting
- Vernalization
- GERONA, Spain**
- Pla y Cargol, Joaquín. La guerra de la independencia en Gerona y sus comarcas. (Biblioteca gerundense de estudios e investigaciones) Dalmáu Carles, Pla '53 p323-5
- GERONTOLOGY.** See Old age
- GERSHWIN, George, 1898-1937**
- Ewen, David. Journey to greatness; the life and music of George Gershwin. Holt '56 p363-8 annot
- GERSTENMAIER, Eugen, 1906-**
- Gerstenmaier, Eugen. Reden und aufsätze, zusammengestellt anlässlich seines 50. geburstages am 25.8.1956. Evangelisches verlagswerk '56 p425-39
- GESNERIACEAE**
- Moore, Harold Emery. African violets, gloxinias, and their relatives; a guide to the cultivated gesneriads. Macmillan '57 p302-8
- GESTALT psychology**
- Ajuriauer, Juan de, and others. Aktuelle probleme der gestalttheorie. (Schweizerische zeitschrift für psychologie und ihre anwendungen. Sup. no24) Huber '54 p51-3
- Hochberg, J. E. Effects of the gestalt revolution: the Cornell symposium on perception. *Psychol R* 64:84 Mr '57
- GESTATION.** See Pregnancy
- GESTURE**
- Hayes, F. Gestures; a working bibliography. So Folklore Q 21:218-317 D '57 annot
- GETTYSBURG, Battle of, 1863**
- Kantor, Mac Kinlay. Long remember. Coward-McCann '56 p407-11
- Stewart, George Rippey. Pickett's charge; a microhistory of the final attack at Gettysburg, July 3, 1863. Houghton '59 p313-28
- GEYSERS**
- See also
- Hot springs
- GEZELLE, Guido, 1830-1899**
- Bruning, Henrl. Guido Gezelle, de andere. Daamen '54 p369-73
- GHELLINCK, Joseph de, 1872-1950**
- Mélanges Joseph de Ghellinck. (Museum lessianum. Sec. historique, no 13-14) Duculot '51 2v v 1, p41-99
- GHERARDI, Bancroft, 1873-1941**
- Buckley, O. E. Bancroft Gherardi, 1873-1941. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p 174-7)
- GHIBERTI, Lorenzo, 1378-1455**
- Krautheimer, Richard, and Krautheimer-Hess, Trude. Lorenzo Ghiberti. (Princeton monographs in art and archaeology, 31) Princeton univ. press '56 p359-438
- GIBBERELLINS**
- Wittwer, S. H. and Bukovac, M. J. Effects of gibberellin on economic crops. *Econ Bot* 12:244- JI '58
- GIBALTAR**
- History
- Alamo, Juan del. Gibraltar ante la historia de España; compendio de los principales sucesos acaecidos en dicha ciudad, desde su fundación hasta nuestros días. 2d ed corr & enl The author '52 p395-416
- GIDE, André Paul Guillaume, 1869-1951**
- Lafille, Pierre. André Gide, romancier. Hachette '54 p505-67
- McLaren, James Clark. Theatre of André Gide; evolution of a moral philosopher. (Johns Hopkins studies in Romance literature and languages, extra vol. 28) Johns Hopkins press '53 p 111-14
- O'Brien, Justin. Index détaillé des quinze volumes de l'édition Gallimard des Œuvres complètes d'André Gide. Prétexte '54 p49
- GIESE, Wilhelm, 1895-**
- Bibliografía de Wilhelm Giese. *Bol Filol* 16 no 1/2:91-124 '56
- GIGNOUX, Maurice, 1881-1955**
- Fallot, P. Memorial to Maurice Gignoux (1881-1955) *Geol Soc Am Proc* 1956:130-5 S '57
- Moret, L. Maurice Gignoux. *Soc Géol France Bul* 6:306-17 D '56
- GIL, Salomé, pseud. See Milla y Vidaurre, J.**
- GILBERT, Russell Wieder, 1905-**
- Gilbert, R. W. Bibliography of published writings (1943-1955) *Susquehanna Univ Stud* 5:159-62 My '55
- GILDS**
- Carrera Stampa, Manuel. Los gremios mexicanos; la organización gremial en Nueva España, 1521-1861; prólogo de Rafael Altamira. (Colección de estudios histórico-económicos mexicanos, 1) Edición y distribución ibero americana de publicaciones '54 p331-56
- See also
- Compagnonnages
- GILGAMESH**
- Parrot, André. Flood and Noah's ark; tr. by Edwin Hudson. (Studies in Biblical archaeology, no 1) Philosophical lib. '55 p73-4
- GILLET, Joseph Eugene, 1888-1958**
- Publications of Joseph Eugene Gillet. *Hispan R* 27:18-29 Ja '59
- GILLIS, James Louis, 1857-1917**
- Mumm, B. and Ottley, A. R. James L. Gillis in print. *News Notes Calif Lib* 52:654-8 O '57
- GILSON, Etienne Henri, 1884-**
- Gilson, Etienne Henri. Gilson reader; sel. writings of Etienne Henri Gilson; ed. with an intro. by Anton C. Pegis. Hanover house '57 p348-51
- GINZBERG, Eli, 1911-**
- Ginzberg, Eli. Human resources: the wealth of a nation. Simon & Schuster '58 p 174-6
- GIONO, Jean, 1895-**
- Jean Giono; essai de bibliographie. *Biblio* 27:11-13 F '59
- GIOVANNI da Fiesole. See Angelico, Fra**
- GIRAUDOUX, Jean, 1882-1944**
- Inskip, Donald. Jean Giraudoux; the making of a dramatist. Oxford '58 p 182-7
- Le Sage, Laurent. L'œuvre de Jean Giraudoux; essai de bibliog. chronologique. (Studies, no4) Pa. state univ. lib. '56 48p
- Le Sage, L. Œuvres de Jean Giraudoux; bibliographie. *Biblio* 24:8-11 O '56
- Marill, René. Esthétique et morale chez Jean Giraudoux [par] René Marill Alibères [pseud] Nizet '57 p503-50

GIRDERS

- Adamson, Bo. Funktionssättet hos elastiska balkar, överkade av detonationsbelastningar med hänsyn tagen till rotationsstörighet och skjuvkrafter. Behaviour of elastic beams under action of detonating charges with special reference to rotatory inertia and shearing forces. Direktkopia '55 p 116-24
- Deflection limitations of bridges. Am Soc Civil Eng Proc 84 [ST3 no 1633]:14-20 My '58
- Guralnick, S. A. Shear strength of reinforced concrete beams. Am Soc Civil Eng Proc 85 [ST 1 no 1909]:40-2 Ja '59
- Mavis, F. T. and Greaves, M. J. Destructive impulse loading of reinforced concrete beams. Am Concrete Inst J 29:248-52 N '57
- Nylander, Henrik Stefan Erik. Torsion, bending, and lateral buckling of I-beams. (Stockholm, Tekniska högskolan. Handlin-gar, 102) Lindstahl '56 p 135-6

GIRLS

- Fedder, Ruth. Girl grows up. 3d ed McGraw '57 p291-303

GLACIAL epoch

- Charlesworth, John Kale. Quaternary era, with special reference to its glaciation. Arnold '57 p 1556-1601
- Dreimanis, A. Wisconsin stratigraphy at Port Talbot on the north shore of Lake Erie, Ontario. Ohio J Sci 58:83-4 Mr '58
- Goldthwait, R. P. and Burns, G. W. Wisconsin age forests in western Ohio. Ohio J Sci 58:219, 229-30 J '58
- Hooker, Dolph Earl. Those astounding ice ages: an exploration of our planet's most challenging mysteries. Exposition '58 p 140-2
- Rathjens, Carl. Das problem der gliederung des eiszeitalters in physisch-geographischer sicht. (Münchner geographische hefte, no6) Lassleben '54 incl bibliog
- West, R. G. Pleistocene epoch in East Anglia. J Glaciol 3:214-16 Mr '58
- Woldstedt, Paul. Norddeutschland und angrenzende gebiete im eiszeitalter. 2d rev ed (Geographische handbücher) Koehler '55 p435-60

See also

Drift

GLACIAL geology

- Antevy, E. Geological tests of the varve and radiocarbon chronologies. J Geol 65:147-8 Mr '57
- Flint, Richard Foster. Glacial and pleistocene geology. Wiley '57 p510-44
- Flint, R. F. New radiocarbon dates and late-pleistocene stratigraphy. Am J Sci 254: 285-7 My '56
- Harrison, P. W. Clay-till fabric: its character and origin. J Geol 65:302-3 My '57
- Harrison, W. Marginal zones of vanished glaciers reconstructed from the preconsolidation-pressure values of overridden silts. J Geol 66:89-90 Ja '58
- Rausch, D. O. Studies of ice excavation. Colo Sch Mines Q 54:89-90 Ap '59
- Richmond, G. M. Three pre-Wisconsin glacial stages in the Rocky Mountain region. Geol Soc Am Bul 68:259-62 F '57
- Schulz, H. Geschiebedecksand als spät-glaziale wanderschuttdcke im branden-burgischen alt- und jungmoränengebiet. Petermanns Geog Mitt 100 no 1:2/-8 '56
- Thwaites, F. T. and Bertrand, K. Pleisto-cene geology of the Door peninsula, Wis-consin. Geol Soc Am Bul 68:87/-9 J '57

See also

Loess

Alaska

- Heusser, C. J. Pollen profiles from Prince William sound and southeastern Kenai peninsula, Alaska. Ecology 36:200-2 Ap '55

Arctic regions

- Mercer, J. H. Geomorphology and glacial history of southernmost Baffin island. Geol Soc Am Bul 67:569-70 My '56

Canada

- Gravenor, C. P. and Kupsch, W. O. Ice-disintegration features in western Canada. J Geol 67:64 Ja '59

Chile

- Lliboutry, Luis. Nieves y glaciares de Chile; fundamentos de glaciología. Eds. de la Univ. de Chile '56 p443-55

Europe

- Wright, H. E. Late glacial chronology of Europe—a discussion. Am J Sci 255:459-60 Summer '57

Iceland

- Bout, P. and others. Géomorphologie et gla-ciologie en Islande centrale. Norois 2:568-71 O '55

Massachusetts

- Ogden, J. G. Late-glacial pollen sequence from Martha's Vineyard, Massachusetts. Am J Sci 257:381 My '59

New England

- Denny, C. S. Wisconsin drifts in the Elmira region, New York, and their possible equivalents in New England. Am J Sci 254: 93-5 F '56

New York (state)

- Denny, C. S. Wisconsin drifts in the Elmira region, New York, and their possible equivalents in New England. Am J Sci 254: 93-5 F '56

North America

- Davis, M. B. Three pollen diagrams from central Massachusetts. Am J Sci 256:569-70 O '58
- Gravenor, C. P. and Kupsch, W. O. Ice-disintegration features in western Canada. J Geol 67:64 Ja '59
- Kempton, J. P. and Goldthwait, R. P. Glacial outwash terraces of the Hocking and Scioto River valleys, Ohio. Ohio J Sci 59: 190-1 My '59
- Richmond, G. M. Three pre-Wisconsin glacial stages in the Rocky Mountain region. Geol Soc Am Bul 68:259-62 F '57

Norway

- Andersen, G. G. Randmorenen i sørvest Norge. Norsk Geog Tids 14 no5:339-42 '55

Nova Scotia

- Livingstone, D. A. and Livingstone, B. G. R. Late-glacial and postglacial vegetation from Gillis lake in Richmond county, Cape Breton island, Nova Scotia. Am J Sci 256: 358-9 My '58

Poland

- Dylík, J. Gegenwärtige probleme der peri-glazialforschung in Polen. Petermanns Geog Mitt 100 no 1:32-3 '56

Scandinavia

- Dahl, E. Biogeographic and geologic indications of unglaciated areas in Scandinavia during the glacial ages. Geol Soc Am Bul 66:1517-19 D '55

South America

- Cecioni, G. Preuves en faveur d'une glaciation néo-jurassique en Patagonie. Soc Géol France Bul 8:433-4 My '59

Sweden

- Bergdahl, Arvid. Israndsbildningar i östra Syd- och Mellansverige, med särskild hänsyn till åsarna. (Lund. Univ. Geografiska inst. Meddelanden, avhandlingar, 23) C. Bloms boktr. '53 p202-8

United States

- Goldthwait, R. P. Scenes in Ohio during the last ice age. Ohio J Sci 59:215-16 J '59
- Martin, P. S. Taiga-Tundra and the full-glacial period in Chester county, Pennsylvania. Am J Sci 256:500-2 Summer '58

Washington (state)

- Bretz, J. H. and others. Channeled scabland of Washington: new data and interpretations. Geol Soc Am Bul 67:1048-9 Ag '56

Wyoming

- Holmes, G. W. and Moss, J. H. Pleistocene geology of the southwestern Wind River mountains, Wyoming. Geol Soc Am Bul 66: 651-3 Je '55

GLACIERS

- Glaciological literature. See numbers of Journal of glaciology

- Hurley, R. C. Analysis of surface energy during the ablation season on Lemon Creek glacier, Alaska. Am Geophys Union Trans 38:84-5 F '57

- Lliboutry, Luis. Nieves y glaciares de Chile; fundamentos de glaciología. Eds. de la Univ. de Chile '56 p239-44, 443-55

GLACIERS—Continued

- Lilbourny, L. La mécanique des glaciers en particulier au voisinage de leurs fronts. *Ann Géophys* 12:275-6 O '56
- Loewe, F. Contributions to the glaciology of the Antarctic. *J Glaciol* 2:665 Mr '56
- Okko, V. O. T. Glacial drift in Iceland, its origin and morphology. *Acta Geog* 15 no 1: 128-33 '56
- Sharp, R. P. Glaciers in the arctic. *Arctic* 9 no 1:111-17 '56
- Wahrhaftig, C. and Cox, A. Rock glaciers in the Alaska range. *Geol Soc Am Bul* 70: 434-6 Ap '59

GLAGOLITIC literature

- Pantelić, M. Bibliografija izvornih radova J. Vahsa s područja hrvatske glagoljske književnosti. *Slovo* no6/8:10-22 '57

GLANDS

See also

- Adrenal glands
Carotid gland
Endocrine glands
Mammary glands
Pancreas
Parathyroid glands
Pituitary body
Salivary glands
Thyroid gland

GLASS

- Abstracts. See numbers of Society of glass technology. *Journal*
- British ceramic abstracts. See numbers of British ceramic society. *Transactions*
- Corning, New York. Museum of glass. Glass from the Corning museum of glass; a guide to the collections. Corning glass center '55 p73-7
- International commission on glass. Proceedings. (V2) Butterworth scientific pubs. '55 p7-8
- Knight, M. A. Cords in glass. *Glass Ind* 37: 510-12+ S '56
- Prod'homme, L. Modern concepts of glass structure. *Glass Ind* 39:606 N '58
- Schmidt, Rudolf. Die rohstoffe zur glaserzeugung; 2. auf. durchgesehen, ergänzt und überarb. von Heinrich Voss. Geest & Portig '58 incl bibliog
- Translations of foreign articles on glass technology. *Am Cer Soc J* 39:128-36 Je '56

See also

Tektites

History

- Becker, H. Selection of books illustrating the history of glass and glassmaking. *Am Cer Soc Bul* 34:220-4 Jl '55

Infrared rays transmission

- Grekila, R. B. and Root, H. D. Evaluation of several infrared transmissive glasses. *Glass Ind* 40:217 Ap '59

Periodicals

- International commission on glass. Proceedings. (V2) Butterworth scientific pubs. '55 p9-10

GLASS, Optical

- Abstracts. See numbers of Society of glass technology. *Journal*

GLASS blowing and working

- Robertson, Andrew John Blackford, and others. Laboratory glass-working for scientists; with a foreword by Eric K. Rideal. Academic press '57 incl bibliog

GLASS manufacture

- Fining; a report of the German society of glass technology prepared for the Symposium on the fining of glass held in Paris, France, June 1955; tr. by G. E. Rindone. *Glass Ind* 38:526+, 576-7 S-O '57
- Günther, Rudolf. Glass-melting tank furnaces; tr. from the German by John Currie; with a foreword by W. E. S. Turner. Soc. of glass technology '58 incl bibliog
- Schmidt, Rudolf. Die rohstoffe zur glaserzeugung; 2. auf. durchgesehen, ergänzt und überarb. von Heinrich Voss. Geest & Portig '58 incl bibliog
- Union scientifique continentale du verre. Symposium sur l'affinage du verre. Paris 21-23 juin 1955; compte rendu. The association '56 incl bibliog

See also

Glass blowing and working

History

- Becker, H. Selection of books illustrating the history of glass and glassmaking. *Am Cer Soc Bul* 34:220-4 Jl '55

GLASSBRENNER Adolf, 1810-1876

- Glassbrenner, Adolf. Unsterblicher volkswitz; Adolf Glasbrenners werk in auswahl; hrsg. von Klaus Gysl [et al] Das neue Berlin '54 2v v2, p575-80

GLASSWARE

- Barrelet, James. La verrerie en France de l'époque gallo-romaine à nos jours. (Arts, styles et techniques) Librairie Larousse '53 p 189-92

- Corning, New York. Museum of glass. Three great centuries of Venetian glass; a special exhibition. 1958. Corning glass center '58 p 114-16

- Mariacher, Giovanni. L'arte del vetro. (Biblioteca moderna Mondadori, 388) Mondadori '54 p 185-7

- White, M. E. European and American glass in the Newark museum's collection. Museum (Newark) ns:32-3 Summer '55

GLASTONBURY, England

- Ashe, Geoffrey. King Arthur's Avalon; the story of Glastonbury. Dutton '58 p370-5

GLAUCOMA

- Conference on glaucoma. Glaucoma; transactions of the 1st[1-3d] Conference, 1955 [-1958] Macy '56-'58 3v incl bibliog

- Sugar, Hyman Saul. Glaucomas. Harper '57 incl bibliog

- United States. Public health service. Division of special health services. Glaucoma references; an annot. list prepared for professional workers and students in the field of public health. (Pub. no664) U.S. Gov. ptg. office '59 15p

GLAUCONITE

- Burst, J. F. Glauconite pellets: their mineral nature and applications to stratigraphic interpretations. *Am Assn Pet Geol Bul* 42: 325-7 F '58

- Herzog, L. F. and others. Sediment age determination by Rb/Sr analysis of glauconite. *Am Assn Pet Geol Bul* 42:732-3 Ap '58

GLAZES

- Matthews, John M. Sang de boeuf glaze: its Chinese historical references and local reduction experiments in electric firing kilns. (Emporia state research studies, v6, no 1) Graduate div, Kan. state teachers college '57 p29-31

GLICENSTEIN, Henryk, 1870-1942

- Cassou, Jean. Glicenstein. Crown '58 p25

GLOVER, Edward, 1888-

- Glover, Edward. On the early development of mind. (His Sel. papers on psycho-analysis, v 1) Int. univs. press '56 p441-61

GLUCOSE

- Cochrane, V. W. Anaerobic dissimilation of glucose by fusarium lini. *Mycologia* 48: 11-12 Ja '56

- Pierce, W. A. Glucose and galactose metabolism in streptococcus pyogenes. *J Bact* 74:192-3 Ag '57

- Wood, H. G. and others. Metabolism of labeled glucose by the propionic acid bacteria. *J Bact* 70:519-20 N '55

GLUCOSIDES

- Kesterson, James Walter, and Hendrickson, R. Naringin, a bitter principle of grapefruit; occurrence, properties and possible utilization. (Bul. 511A) Agricultural experiment station, Univ. of Fla. '57 p25-7

See also

- Sapogenins
Saponins
Solanine

GLUE

- British gelatine and glue research association. Recent advances in gelatin and glue research; proceedings of a conference sponsored by the Association held at the Univ. of Cambridge, 1-5 July 1957; ed. by G. Stainsby. Pergamon '58 incl bibliog

GLUTAMIC acid

- Kergl, Ernst, and others. Glutaminsäure. Wissenschaftliche verlagsgesellschaft '54 p 104-28

- Volcani, B. E. and Margalith, P. New species (flavobacterium polyglutamicum) which hydrolyzes the γ -L-glutamyl bond in polypeptides. *J Bact* 74:654-5 N '57

GLUTATHIONE

- Young, L. C. T. and Conn, E. E. Reduction and oxidation of glutathione by plant mitochondria. *Plant Physiol* 31:210-11 My '56

GLYCERIDES

- Ambrose, A. M. and others. Studies on the long-term feeding of acetoglycerides to rats. *Food Res* 23:548-9 S '58
- Haab, W. and others. Countercurrent distribution of milk fat triglycerides. *J Dairy Sci* 42:466-7 Mr '59
- Meng, H. C. and Youmans, J. B. Utilization of a synthetic triglyceride preparation by weanling rats. *J Nutrition* 55:539-41 Ap '55

GLYCERIN

- Freeman, G. G. and Donald, G. M. S. Fermentation processes leading to glycerol. *Ap Microbiol* 5:210 Jl '57
- Miner, Carl S. and Dalton, N. N. eds. *Glycerol; contributing authors: Truman M. Godfrey [and others].* (Am. chemical soc. Monograph ser, no 117) Reinhold '53 incl bibliog
- Parolla, E. A. and Draves, C. Z. With glycerine from fiber to fabric. *Am Dyestuff Rep* 46:769; 47:654 O 21 '57. S 22 '58

GLYCINE

- Fisher, H. and others. Role of glycine in chick nutrition. *J Nutrition* 55:428-30 Mr '55
- Kemp, N. E. Localization of glycine-2-C¹⁴ injected into adult female frogs. *J Exp Zool* 133:236-7 N '56

GLYCOGEN

- Watterson, R. L. and others. Development of the glycogen body of the chick spinal cord. *Physiol Zool* 31:59 Ja '58

GLYCOSIDES. See Glucosides

GNEISS

- Engel, A. E. J. and Engel, C. G. Progressive metamorphism and granitization of the major paragneiss, northwest Adirondack mountains, New York. *Geol Soc Am Bul* 69:1412-13; 71:55-7 N '58, Ja '60

GNOSTICISM

- Grant, Robert McQueen. *Gnosticism and early Christianity.* (Lectures on the history of religions, new ser, no5) Columbia univ. press '59 p211-17
- Grant, R. Ancient church history. *Church Hist* 25:363-5 D '56
- Jonas, Hans. *Gnostic religion; the message of the alien God and the beginnings of Christianity.* Beacon press '58 p291-9

GOA, Portuguese India

- Selective list of books on Goa. *United Asia* 9:375-6 O '57

GOATS

Physiology

- Kameoka, K. and Morimoto, H. Extent of digestion in the rumen-reticulum-omasum of goats. *J Dairy Sci* 42:1196-7 Jl '59
- GOBINEAU, Joseph Arthur, comte de, 1816-1882
Riffaterre, Michael. *Le style des Pléiades de Gobineau; essai d'application d'une méthode stylistique.* Columbia univ. press '57 p217-28

GOD

- Collins, James Daniel. *God in modern philosophy.* Regnery '59 p451-67
- Conrad, Alphin Carl. *Divine economy; a study in stewardship.* Eerdmans '54 p 163-9
- Daniélou, Jean. *God and the ways of knowing; tr. by Walter Roberts.* Meridian '57 incl bibliog
- Henry, A. M. ed. *God and his creation, by a group of theologians; tr. by Charles Miltner.* (Theology lib. v2) Fides '55 incl bibliog
- Parker, Thomas Henry Louis. *Calvin's doctrine of the knowledge of God.* rev ed Eerdmans '59 p 127-8
- See also
Christianity
Holy Spirit
Jesus Christ
Metaphysics
Mythology
Natural theology
Religion
Theology
Trinity

Proof

- Silem, Edward Augustus. *George Berkeley and the proofs for the existence of God.* Longmans '57 p227-30

GOEJE, Claudius Henricus de, 1879-1955

- Hoff, B. J. *Lijst van de geschriften van prof. C. H. de Goeye.* West-Ind Gids 36:91-4 My '56

GOES, Benito de, 1562-1607?

- Schoenberg, Wilfred P. *Garlic for Pegasus; the life of Brother Benito de Goes of the Society of Jesus.* Newman press '55 p209-13 annot

GOETHE, Johann Wolfgang von, 1749-1832

- Flach, Willy. *Goetheforschung und verwaltungsgeschichte; Goethe im Geheimen consilium, 1776-1786.* (Thüringische archivstudien, v3) Böhlau nachfolger '52 p 112-40

- Gillies, Alexander. *Goethe's Faust, an interpretation.* (Modern language studies) Blackwell '57 p222-5

- Goethe bibliographie 1952[-1956] Goethe 16 sup:1-20; 17 sup:1-21; 18 sup:1-15; 19 sup:1-18; 20 sup:1-18 '54-'58

- Hagen, Waltraud, ed. *Die gesamt- und einzeldrucke von Goethes werken.* (Goethe, Johann Wolfgang von. Werke; hrsg. von der Deutschen akad. der wissenschaften zu Berlin. Ergänzungsband 1) Akademie-verlag '56 154p

- Leipzig. Deutsche bücherei. *Neuausgaben von werken Goethes und schriften über Goethe, 1946-1956; wiedergabe der titel aus dem Deutschen bücherverzeichnis und aus dem Jahresverzeichnis des deutschen schrifttums.* (Neujahrsgabe, 1957) The library '56 47p

- Peht, Wolfgang. *Zeiterlebnis und zeitdeutung in Goethes lyrik.* Niemeyer '57 p 147-53

- Pyritz, Hans. *Goethe-bibliographie; unter redaktioneller mitarbeit von P. Raabe.* Winter '55-'57 3pts

- Steer, Alfred Gilbert. *Goethe's social philosophy as revealed in Campagne in Frankreich und Belagerung von Mainz.* (N.C. Univ. Studies in the Germanic languages and literatures, no 15) Univ. of N.C. press '55 p 172-5

- Willoughby, L. A. *Goethe-forschung in England seit 1949.* Euphorion 51 no 1:61-77 '57

GOGH, Vincent van, 1853-1890

- Elgar, Frank. *Van Gogh, Hazan* '58 p290-7
- Same; with title: *Van Gogh, a study of his life and work* [tr. from the French by James Cleugh] Praeger '58 p35-8 (2d group)
- Same; with title: *Van Gogh: leben und werk* [aus dem französischen übertragen und bearb. von A. P. Zeller] Droemersch verlagsanstalt '59 p279-90

- Hanson, Lawrence, and Hanson, Elisabeth M. *Passionate pilgrim; the life of Vincent van Gogh.* Random '55 p292-3

- Huyge, René. *Van Gogh* [tr. by Helen C. Slonim] Crown '58 p92-4

GOGOL', Nicolai Vasil'evich, 1809-1852

- Magershack, David. *Gogol: a life.* Grove '57 p314-20

GOITER

- Chilean iodine educational bureau. *London. Endemic goitre: world distribution and incidence; sel. bibliography.* The bureau '58 104p

- Greenwald, I. *Notes on the history of goiter in Spain and among Jews.* *Bul Hist Med* 32:132-6 Mr '58

- Lowenstein, F. W. *Endemic goiter and nutrition.* *Am J Clin Nutrition* 7:338. 348 My '59

- Schlumberger, H. G. *Spontaneous goiter and cancer of the thyroid in animals.* *Ohio J Sci* 55:41-3 Ja '55

GOLD as money

- Vanes, F. Robert. *De internationale gouden standaard; een onderzoek naar de oorzaken van zijn verval in de tussenorlogse periode.* (Louvain. Univ. catholique. Ecole des sciences économiques. Coll. no44) Standaard-boekhandel '51 p438-77
- Same. (Economisch-sociale bibliotheek. Monographiën, 29) Standaard-boekhandel '51 p438-77

GOLD COAST

- Apter, David Ernest. *Gold Coast in transition.* Princeton univ. press '55 p335-46
- Cartwright, M. *Nigeria faces the future.* *Negro Hist Bul* 20:140-2 Mr '57

GOLD mines and mining

Canada

- Coleman, L. C. *Mineralogy of the Giant Yellowknife gold mine, Yellowknife, N.W.T.* *Econ Geol* 52:424-5 Je '57

Oregon

- Oregon. State department of geology and mineral industries. *Oregon's gold placers.* (Misc. paper no5) The department '54 p 14

GOLD mines and mining—*Continued*

Transvaal

Watts, Barry H. Gold-mining in the eastern Transvaal; a bibliography. (Bibliog. ser) School of librarianship, Cape Town univ. '54 26p

United States

See also

California—Gold discoveries

Washington (state)

Hunting, Marshall Tower. Gold in Washington. (Wash. (state) Dept. of conservation & development. Div. of mines & geology. Bul. no42) State print. plant '55 incl bibliog

West

Spencer, Elma Dill (Russell). Gold country, 1828-1858. Naylor '58 4p (at end)

GOLD standard. See Gold as money

GOLDFINCHES

Linsdale, J. M. Goldfinches on the Hastings national history reservation. Am Midl Natur 57:117-19 Ja '57

GOLDFISH

Chen, S. C. History of the domestication and factors of the varietal formation of the common goldfish, *carassius auratus*. Scientia Sinica 5:318-21 Je '56

GOLDMAN, Hetty, 1881-

Aegean and the Near East; studies presented to Hetty Goldman on the occasion of her seventieth birthday; Saul S. Weinberg editor. Augustin '56 p xlii-xvi

GOLDSMITH, Oliver, 1728-1774

Jeffares, Alexander Norman. Oliver Goldsmith. (Bibliog. ser of sups. to British bk. news, no 107) Longmans '59 p40-4

GOLF

Bowling-fencing-golf guide, June 1958-June 1960, eds: Mildred Wohlford and others. Fencing bibliog. by Judith Morofsky; Bibliog. for golf by Nancy Van Annel (Sports lib. for girls and women) Div. for girls & women's sports. Am. assn. for health, physical education & recreation '58 p 125-6

GOLGI apparatus

Baker, J. R. Towards a solution of the Golgi problem: recent developments in cytochemistry and electron microscopy. Roy Micros Soc J 77:126-8 Ap '59

Beams, H. W. and others. Phase-contrast and electron microscope studies on the dictyosome and acroblast (Golgi bodies) in the male germ cells of the cricket. Roy Micros Soc J 76:102-3 O '57

Gatenby, J. B. and others. Symposium on the Golgi apparatus. Roy Micros Soc J 74:133-240 incl bibliog

Society for experimental biology (Gt. Brit). Mitochondria and other cytoplasmic inclusions; pub. for the Company of biologists on behalf of the Society. (Symposia, no 10) Academic press '57 incl bibliog

GOLIARDS

Waddell, Helen Jane. Wandering scholars. (Doubleday anchor bk, A 63) Doubleday '55 p307-37

GOLL, Iwan, 1891-1950

Carmody, Francis James. Poetry of Yvan Goll, a biographical study. Caractères '56 p209-10
Yvan Goll; quatre études par Jules Romain [et all] œuvres choisies, facsimilés, portraits, dessins, inédits et docs, bibliographie. (Poètes d'aujourd'hui, 50) Seghers '56 p211-18

GÓMEZ CARRILLO, Enrique, 1873-1927

Torres, Edelberto. Enrique Gómez Carrillo, el cronista errante; prólogo de Carlos Wyld Ospina; carátula de Ignacio Amaro. Lib. Escolar '56 p371-84

GONIOSCOPY

Gorin, George, and Posner, Adolph. Slit lamp gonioscopy. Williams & Wilkins '57 p 150-8

GONORRHEA

Schamberg, I. L. Unknowns and enigmas in gonorrhea. Pub Health Rep 71:543-4 Je '56

GONZALEZ, Bienvenido Maria, 1893-1953

Villegas, V. Bienvenido Maria Gonzalez: 1893-1953. Philippine Ag 37:447-9 Ja '54

GONZALEZ, Julio, 1876-1942

Julio Gonzales. Mus Mod Art Bul 23 no 1-2: 47-8 '55-'56

GONZALEZ MARTÍNEZ, Enrique, 1871-1952

González Martínez, Enrique. Cuentos y otras páginas; sel. y prólogo de Ana María Sánchez. (Biblioteca mínima mexicana, v 19) Libro-Mex. editores '55 p 19-21

GOPHERS

Kennerly, T. E. Contact between the ranges of two allopatric species of pocket gophers. Evolution 13:262-3 Je '59

GORDON, Charles George, 1833-1885

Elton, Godfrey Elton, 1st baron. Gordon of Khartoum; the life of General Charles George Gordon. Knopf '55 p372-6

Shukri, Muhammad Fu'ad. Gordon at Khartoum, 1884-1885. Dar el-Fikr el-Arabi '51 p72-80

GORDON, Lord George, 1751-1793

Hibbert, Christopher. King mob: the story of Lord George Gordon and the London riots of 1780. World pub. '58 p235-43

GORKI, Arshile, 1904-1948

Schwabacher, Ethel. Arshile Gorki; with a pref. by Lloyd Goodrich, and an introd. by Meyer Schapiro; pub. for the Whitney museum of Am art. Macmillan '57 p 153-5

GOSPEL, Fourth. See Bible. New Testament—John

GOSPELS. See Bible. New Testament—Gospels

GOSSE, Philip Henry, 1810-1888

Causey, D. Philip Henry Gosse. Biologist 35: 155-9 My '53 annot

Stageman, Peter. Bibliography of the first editions of Philip Henry Gosse; with introd. essays by Sacheverell Sitwell and Geoffrey Lapage. Golden Head press '55 87p

GOTHIC art. See Art, Gothic

GOTLAND

Johansson, Valton. Gotländsk bibliografi, 1914-1927 jämte tillägg till Wihl, Molér. Bidrag till en gotländsk bibliografi och årsbibliografier för tiden 1928-1939 i Gotländskt arkiv; ed. Greta Arwidsson. (Meddelanden, sup 27) Gotlands fornvänner '55 138p

GOTTFRIED von Strassburg, 13th cent

Meissburger, Gerhard. Tristan und Isolde mit den weissen Händen; die auffassung der minne, der liebe und der ehe bei Gottfried von Strassburg und Ulrich von Türlheim. Reinhardt '54 p 150-8

GOUDKOFF, Paul Pavel, 1880-1955

Laiming, B. and others. Memorial to Paul Pavel Goudkoff (1880-1955) Geol Soc Am Proc 1955:130-1 Jl '56

GOURDS

Wilson, Eddie Watts. Gourd, a bibliography. The author '54 13p

GOURMONT, Remy de, 1858-1915

Gourmont, Remy de. Esthétique de la langue française; étude de R.-L. Wagner, note de Maurice Sallet. Mercure de France '55 p211-20

GOUT

Talbott, John Harold. Gout and gouty arthritis. (Modern medical monographs, 7) Grune '53 p83-7

GOVERNMENT. See Administration. Public; Political science

GOVERNMENT, Comparative. See Comparative government

GOVERNMENT, Resistance to

See also

Revolutions

GOVERNMENT accounting. See Finance

GOVERNMENT corporations

Council of state governments. Public authorities in the states; a rep. to the Governors' conference. The council '53 4p at end

GOVERNMENT investigations

American bar association. Special committee on individual rights as affected by national security. Report on congressional investigations [with appendix] by Frederick A. Ballard [and others] The association '54 p 162-6 of app

Taylor, Telford. Grand inquest; the story of congressional investigations. Simon & Schuster '55 p343-4 annot

Tompkins, Dorothy Louise (Campbell) Culver. Loyalty-security programs for federal employees; a sel. bibliography. Bur. of public adm. Univ. of Calif. '55 69p

GOVERNMENT officials and employees

See also

Bureaucracy

Municipal employees

GOVERNMENT ownership

France

Einaudi, Mario, and others. Nationalization in France and Italy. Cornell univ. press '55 p247-56 annot

GOVERNMENT ownership—Continued

Italy

Einaudi, Mario, and others. Nationalization in France and Italy. Cornell Univ. press '55 p247-56 annot

GOVERNMENT price control. See Price regulation

GOVERNMENT publications

Bibliography

International committee for social sciences documentation. Etude des bibliographies courantes des publications officielles nationales; guide sommaire et inventaire. A study of current bibliographies of national official publications; short guide and inventory; rédacteur: Jean Meyriat. (UNESCO bibliog. handbks. 7) UNESCO '58 260p
Wilcox, Jerome Kear. Bibliography of new guides and aides to public documents use, 1953-1956. (SLA bibliog. no2) Special lib. assn. '57 16p annot

GOVERNMENT regulation of industry. See Industry and state

GOYA Y LUCIENTES, Francisco José de, 1746-1828

Desparmet Fitz-Gerald, Xavière. Goya. (Gallery of masterpieces) Scribner '56 p40-5

Goya y Lucientes, Francisco José de. Goya [biographical and critical study by Pierre Cassier; tr. by James Emmons] (Taste of our time no 13) Skira '55 p 127-9

Goya y Lucientes, Francisco José de. Los dibujos de Goya, reproducidos a su tamaño y en su color; con introd. y notas por F. J. Sánchez Cantón. Museo del Prado '54 2v v 1, p xxi-xxii

GRABMANN, Martin, 1875-1949

Ott, L. Bibliographie Martin Grabmann. (In Grabmann, Martin. Mittelalterliches geistesleben; abh. zur geschichte der scholastik und mystik. Hueber '26-'56 3v v3, p 10-35)

GRACE, John Hilton, 1873-1958

Todd, J. A. John Hilton Grace. Lond Math Soc J 34:116-17 Ja '59

Todd, J. A. John Hilton Grace. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p96-7)

GRACE (theology)

Lais, Hermann. Die gnadenlehre des hl. Thomas in der Summa contra gentiles und der Kommentar des Franziskus Sylvestri von Ferrara. (Münchener theologische studien. 2, Systematische abt. v3) Zink '51 p xi-xv

Van Roo, William A. Grace and original justice according to St Thomas. (Analecta gregoriana, v75) Univ. gregoriana '55 p203-6

GRADIENT theory (physiology)

Paterson, M. C. Animal-vegetal balance in amphibian development. J Exp Zool 134:198-200 F '57

GRADUATE work. See College and universities—Graduate work

GRAFF, Frau J. A. See Merian, M. S.

GRAFTING

Garner, Robert John. Grafters' handbook. new ed Oxford '58 p239-49

Smith, W. W. Occurrence of stem pitting and necrosis in some body stocks for apple trees. Am Soc Hort Sci Proc 63:112-13 '54

GRAFTING of skin. See Skin grafting

GRAHAME, Kenneth, 1859-1932

Green, Peter. Kenneth Grahame, a biography. World pub. '59 p377-85

GRAIN

Das getreide und seine verarbeitung: universitätsschriften aus den jahren 1900-1950. Bundesforschungsamt für getreideverarbeitung '53-'55 4v in 3

—Nachtragsband 1, 1951-55. Bundesforschungsamt für getreideverarbeitung '58 31p

Got, M. B. and others. Studies in vernalization of cereals. Ann Bot 19:125-6 Ja '55

Kent-Jones, Douglas William, and Amos, Arthur James. Modern cereal chemistry. 5th ed Northern pub. co. '57 p726-81

Pelshenke, P. F. and Drews, E. Qualität von getreide und getreideerzeugnissen in abhängigkeit von der phosphatversorgung der getreidepflanzen und dem kalkzustand des bodens. Landw Forsch 9 no3:194-5 '56

Rennie, D. A. Variations in percentage phosphorus and protein content of wheat, as induced by fertilizer treatment, soil type, and season. Can J Ag Sci 36:503-4 N '56

Riley, R. and others. Evidence on the origin of the B genome of wheat. J Heredity 49: 97-8 My '58

Wellington, P. S. Studies on the germination of cereals. Ann Bot 20:119-20 Ja '56

Wilson, Harold Kirby. Grain crops. 2d ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '55 incl bibliog

See also

Barley
Cereals as food
Corn
Oats
Rice
Sorghum
Wheat

Diseases and pests

Cotton, Richard Thomas. Pests of stored grain and grain products. rev ed Burgess '56 incl bibliog

Craigsmiles, J. P. Oat diseases studies. (Technical bul. new ser. 7) Ga. agricultural experiment station '56 p34-6

Vallega, J. Wheat rust races in South America. Phytopathology 45:245-6 My '55

Drying

Lindberg, Johan E. and Sörensson, I. Upphettningss- och torkningsförsök med spannmål föreläsningsvis vete. Erhitzungs- und trocknungsversuche mit getreide, besonders weizen. Heat treatment and hot-air drying of grain, notably wheat. (K. Skogs- och lantbruksakademien. Tidskrift. Sup 1) Almqvist '59 p72-3

Storage

Christensen, C. M. Deterioration of stored grains by fungi. Bot R 23:131-4 F '57

Geddes, W. F. Chemistry, microbiology, and physics of grain storage. Food Tech 12: sup 13-14 N '53

Transportation

Hartley, Joseph R. Effect of the St Lawrence seaway on grain movements. (Ind. business rep. no24) Bur. of business research, Ind. Univ. '57 p247-52

GRAIN trade

Hartley, Joseph R. Effect of the St Lawrence seaway on grain movements. (Ind. business rep. no24) Bur. of business research, Ind. Univ. '57 p247-52

GRAMINEAE. See Grasses

GRAMMAR schools. See Public schools

GRANADOS, Rafael García, 1893-1955

Dibble, C. E. Rafael García Granados (1893-1955) Hispan Am Hist R 36:383-4 Ag '56

GRANDIDIER, Guillaume, 1873-1957

Decary, R. Guillaume Grandidier. (1873-1957) Soc African J 27 no2:218-19 '57

GRANITE

Antran, A. and Guidard, G. Sur le granite de Mont-Louis (Pyrenées-Orientales). Soc Géol France Bul 7:268-9 O '57

Buddington, A. F. Granite emplacement with special reference to North America. Geol Soc Am Bul 70:741-7 Je '59

Exley, C. S. Magmatic differentiation and alteration in the St Austell granite. Geol Soc Lond Q J no 454:226-7 Ja '59

Hunter, D. R. Geology, petrology and classification of the Swaziland granites and gneisses. Geol Soc S Africa Trans 60:119-20 '57

Ketchian, S. and Roger, J. eds. Granite et granitisation; tr. d'articles soviétiques. (Annales, no3) Centre d'études & de doc. paléontologique '53 incl bibliog

Marmo, V. On the emplacement of granites. Am J Sci 254:491-2 Ag '56

Marmo, V. Petrochemistry of some Precambrian granites of West Africa, and a petrochemical comparison with the Svecofenide granites of Finland. Am J Sci 253:417 J1 '55

Murata, K. J. and others. Composition of monazites from pergamites in eastern Minas Gerais, Brazil. Geochimica & Cosmochimica Acta 16:13-14 My '59

Osterwald, F. W. Petrology of pre-Cambrian granites in the northern Big Horn mountains, Wyoming. J Geol 63:325-7 J1 '55

Radhakrishna, B. P. Closepet granites of Mysore state, India. Mysore geologists' assn. '56 p 106-10

Reynolds, D. L. Granite: some tectonic, petrological, and physico-chemical aspects. Geol Mag 95:394-6 S '58

See also

Charnokite

GRANTS-in-aid

- Anderson, William. Nation and the states, rivals or partners? Univ. of Minn. press '55 p255-7 annot
- United States. Commission on intergovernmental relations. Intergovernmental relations in the United States; a sel. bibliog. on interlevel and interjurisdictional relations. The commission '55 207p
- United States. Library of Congress. Legislative reference service. Intergovernmental relations in the United States; a sel. bibliog.; prepared by W. Brooke Graves. The service '53 73p
- Same. U.S. Gov. ptg. office '56 119p
- Watkins, Kermit. Economic implications of state grants-in-aid. Bur. of business research, Univ. of Kan. '56 p 142-8

GRANVILLE, Antoine Perrenot de, cardinal, 1517-1586

- Durme, M. van. Antoon Perrenot, bisschop van Atrecht, kardinaal van Granville, minister van Karel V en van Filips II (1517-1586) (Vlaamsche acad. voor wetenschappen, letteren en schoone kunsten van België, Brussels. Klasse der letteren. Verhandelingen, v 15, no18) Paleis der acad. '53 p361-86

GRANVILLE BARKER, Harley Granville, 1877-1946

- May, F. and Morgan, M. M. List of writings. (In Purdom, Charles Benjamin. Harley Granville Barker; man of the theatre, dramatist and scholar. Harvard univ. press '56 p293-309)

GRAPEFRUIT

- Kesterson, James Walter, and Hendrickson, R. Naringin, a bitter principle of grapefruit; occurrence, properties and possible utilization. (Bul. 511A) Agricultural experiment station, Univ. of Fla. '57 p25-7

GRAPES

- Isnard, Hildebert. Vigne en Algérie; étude géographique. Ophrys '51-'54 2v v 1, p9-31
- Overcash, Jean Parks. Pruning, cluster thinning, and potash fertilizer experiments with Concord and Delaware grapes growing on Dog Ridge rootstocks. (Technical bul. 41) Agricultural experiment station, Miss. state college '55 p33-4
- Scholander, P. F. and others. Rise of sap in tall grapevines. Plant Physiol 30:103-4 Mr '55

Diseases and pests

- Barnes, M. M. Relationships among pruning time response, symptoms attributed to grape bud mite, and temporary early season boron deficiency in grapes. Hilgardia 28 no7:224-6 D '58
- Kido, H. and Stafford, E. M. Biology of the grape bud mite eriophyes vitis (Pgst.) Hilgardia 24:141-2 N '55
- Pine, T. S. Etiology of the dead-arm disease of grapevines. Phytopathology 48:196 Ap '58
- See also
Phylloxera

GRAPHIC arts

- Carlsen, Darvey E. Graphic arts. Bennett '58 p 145-6
- Penrose annual; a review of the graphic arts. 'v52[-53] Hastings house '58-'59 2v v52, p64-9; v53, p61-3 annot
- See also
Art, Commercial
Drawing
Photography
Printing

History

- Riegger-Baurmann, R. Schrift im Jugendstil. Archiv Gesch Buchw 1 no9:797-9 '58

GRAPHIC methods

- Luzadder, Warren Jacob. Graphics for engineers. Prentice-Hall '57 p581-4
- Madansky, A. Fitting of straight lines when both variables are subject to error. Am Stat Assn J 54:203-5 Mr '59
- Pirani, Marcello Stefano von. Graphische darstellung in wissenschaft und technik. 3. erweiterte aufl. bearb. von Johannes Fischer. (Sammlung Götschen v728/728a) De Gruyter '57 p 196-211
- See also
Nomography

GRAPHIC statics

- Swida, Waldemar. Statik der bogen und gewölbe; theorie des einzelbogens, berechnungsbeispiele, unter berücksichtigung der neuesten belastungsannahmen (DIN 1072) und berechnungsbestimmungen (DIN 1075) Müller '54 p 185-8

GRAPHITE

- Currie, Lauchlin, M. and others. Production and properties of graphite for reactors. Nat. carbon co. '56? p57-61
- Gaylor, W. M. Carbon and graphite. Ind & Eng Chem 47:1955; 49:1587 S '55, S '57
- South Australia. Geological survey. Department of mines. Graphite. (Abstract bul. no12) The department '56 4p annot

GRAPHOLOGY

- National book league. Selected books on handwriting; annotated. The league '56 8p
- Périot, Maurice, and Brosson, Paul. Morpho-physiologie de l'écriture; méthode rationnelle de graphologie basée sur la physiologie du geste graphique et la psychologie de tempérament; préf. de M. Martiny. (Bibliothèque scientifique) Payot '57 p305-9
- Teltscher, Harry O. Handwriting, the key to successful living. 4th rev ed Putnam '56 p321-4
- Wintermantel, F. Bibliographia graphologica; titelsammlung von abhandlungen über die lehre der handschriftendeutung mit einem stichwortregister. Rühle-Diebener '58 182p

GRAPOW, Hermann, 1885-

- Deines, H. von. Herman Grapow—verzeichnis seiner schriften. (In Firschow, Otto, ed. Ägyptologische studien [Hermann Grapow zum 70. geburstag gewidmet] (Akademie der wissenschaften, Berlin. Inst. für orientforschung. Veröffentlichung no29) Akademieverlag '55 p ix-xiv)

GRASSES

- Al-Aish, M. and Brown, W. V. Grass germination responses to isopropyl-phenyl carbamate and classification. Am J Bot 45: 23 Ja '58
- Bowden, W. M. Natural and artificial X elymordeum hybrids. Can J Bot 36:122-3 Ja '58
- Brown, W. V. Leaf anatomy in grass systematics. Bot Gaz 119:178 Mr '58
- Brown, W. V. and Emery, W. H. P. Apomixis in the gramineae; panicoidae. Am J Bot 45:262-3 Ap '58
- Brown, W. V. and Emery, W. H. P. Apomixis in the gramineae. tribe andropogoneae; themeda triandra and bothriochloa ischaemum. Bot Gaz 118:253 Je '57
- Gould, F. W. Chromosome numbers in southwestern grasses. Am J Bot 45:767 D '58
- Hartley, W. Studies on the origin, evolution, and distribution of the gramineae. Australian J Bot 6:126-8 Je '58
- Humphrey, Robert Regester. Arizona range grasses; their description, forage value, and management. 3d enl ed (Bul. 298) Agricultural experiment station, Univ. of Ariz. '58 p 101-3
- Keim, Franklin David, and Newell, Lawrence Cutler. Introduced forage grasses for Nebraska. (Circ. 95) Experiment station, College of agriculture, Univ. of Neb. '55 p32-3
- Mobberly, D. G. Taxonomy and distribution of the genus spartina. Iowa St Coll J Sci 30:570-4 My '56
- Prince, Ford S. Grassland farming in the humid Northeast. (Grassland farm ser) Van Nostrand '56 incl bibliog
- Reeder, J. R. Embryo in grass systematics. Am J Bot 44:768 N '57
- Sarkar, P. Crested wheatgrass complex. Can J Bot 34:345 My '56
- Schertz, K. F. and Murphy, R. P. Fertility in relation to chromosome constitution and behavior in bromus inermis Leyss. Agron J 50:376 Jl '58
- See also
Eel grass
Grazing
Hay
Pastures and meadows

Diseases and pests

- Carne, P. B. Ecological study of the pasture scarab aphodius howitti Hope. Australian J Zool 4:312-13 D '56

GRASSHOPPERS

- Johnston, Henry Bennett. Annotated catalogue of African grasshoppers; with a pref. by B. P. Uvarov; pub. for the Anti-locust research centre. Cambridge '56 p752-88
- Kennedy, J. S. Phase transformation in locust biology. Cambridge Philos Soc Biol R 31: 367-70 Ag '56
- Perdeck, A. C. Isolating value of specific song patterns in two sibling species of grasshoppers (chorthippus brunneus Thunb. and c. biguttulus L.) Behaviour 12 no 1/2: 71-4 '58

GRASSHOPPERS—Continued

Smith, R. W. Parasites of nymphal and adult grasshoppers (Orthoptera: acrididae) in western Canada. *Can J Zool* 36:259-62 Ap '58

Wakeland, Claude Carl. High plains grasshopper; a comp. of facts about its occurrence and control. (U.S. Dept. of agriculture. Technical bul. no 1167) U.S. Gov. ptg. office '58 p 156-68

White, M. J. D. and others. Cytogenetics of the grasshopper moraba scurra. *Australian J Zool* 5:303-4, 347, 353-4 O '57

GRAVEL

Potter, P. E. Petrology and origin of the Lafayette gravel. *J Geol* 63:35-6, 131-2 Ja-Mr '55

Schlee, J. Upland gravels of southern Maryland. *Geol Soc Am Bul* 68:1399-1401 O '57

GRAVES, Robert, 1895-

Seymour-Smith, Martin. Robert Graves. (Bibliog. ser. of sups. to British bk. news, no 78) Longmans '56 p30-2

GRAVES. See Tombs**GRAVESTONES. See Sepulchral monuments****GRAVEYARDS. See Cemeteries****GRAVIMETRIC analysis**

Beamish, F. E. and Westland, A. D. Inorganic gravimetric and volumetric analysis. *Anal Chem* 28:704-5; 30:820-2 Ap '56, Ap '58

Smith, W. T. and others. Volumetric and gravimetric analytical methods for organic compounds. *Anal Chem* 28:713-14; 30:827-9 Ap '56, Ap '58

GRAVINA, Giovanni Vincenzo, 1664-1718

Barillari, Bruno. La posizione e l'esigenza del Gravina, e altri saggi. *Impronta* '53 p 113-18

GRAVITATION

Belinfante, Frederik Jozef, and Swihart, James Calvin. Theory of gravitation and its quantization; a rep. of research supported by the Nat. science foundation and the Purdue research foundation, Purdue university. Dept. of physics, Purdue univ. '54 p 152-5

See also

Ether (of space)

GRAVITY

Bucher, W. H. Role of gravity in orogenesis. *Geol Soc Am Bul* 67:1316-18 O '56

Debrun, J. W. Isogram maps of Europe and North Africa. *Geophys Prosp* 3:10-13 Mr '55

Girdler, R. W. Relationship of the Red sea to the East African rift system. *Geol Soc Lond Q J* no 453:101-2 N '58

Hinze, W. J. Gravity investigation of the Baraboo syncline region. *J Geol* 67:445-6 Jl '59

Thiel, E. Correlation of gravity anomalies with the Keweenaw geology of Wisconsin and Minnesota. *Geol Soc Am Bul* 67:1099-1100 Ag '56

GRAY, Robert Whytlaw Whytlaw-. See Whytlaw-Gray. R. W.**GRAY, Thomas, 1716-1771**

Ketton-Cremer, R. W. Thomas Gray. (Bibliog. ser. of sups. to British bk. news, no 104) Longmans '58 p29-31 annot

GRAYS harbor, Washington

Washington (state). University. Department of oceanography. Grays harbor, Washington; a literature survey. The department '55 incl bibliog

GRAZING

United States. Superintendent of documents. Forestry. (Price list 43, 49th ed) U.S. Gov. ptg. office '59 8p

See also

Forage plants

Pastures and meadows

GREAT BRITAIN

Great Britain. Central office of information. Britain; an official handbook. 1959 edition. (V 10) British information services '58 p477-507

Oxford. University. Christ church. Library. Christ Church supplement to Wing's Short-title catalogue, 1641-1700, by W. G. Hiscock. Hollywell press '56 47p

Scott, John Dick. Life in Britain; with a chapter on the English way of law by Henry Cecil. Morrow '56 p260-4 annot

United States. Department of state. Office of intelligence research. Unpublished research on British Commonwealth, completed and in progress. (External research list 14.1) The office '53 32p

See also

Commonwealth of nations

Antiquities

Copley, Gordon J. Archaeology of south-east England; a study in continuity. Phoenix house '58 incl bibliog

Council for British archaeology, London. Archaeological bibliography for Great Britain & Ireland, 1950-1951[-1955] The council '54-'57 4v

Library association. County libraries section. British prehistory and Roman Britain. (Reader's guide, new ser, no 36) The section '57 22p

Biography

Matthews, William. British autobiographies; an annot. bibliog. of British autobiographies pub. or written before 1951. Univ. of Calif. press '55 376p

Church history

See England—Church history

Civilization

Hoggart, Richard. Uses of literacy; changing patterns in English mass culture. Essential bks. '57 p308-12

Houghton, Walter Edwards. Victorian frame of mind, 1830-1870. Yale univ. press '57 p431-44

See also

Great Britain—Intellectual life

Colonies and dominions

Adams, Randolph Greenfield. Political ideas of the American revolution; Britannic-Am. contributions to the problem of imperial organization, 1765-1775; with commentary by Merrill Jensen. 3d ed Barnes & Noble '58 p201-11 annot

Burt, Alfred LeRoy. Evolution of the British empire and Commonwealth from the American revolution. Heath '56 p319-27

Carter, Gwendolen Margaret. Commonwealth of nations; a study guide. Am. assn. of univ. women '56 p 17-21

Carter, Gwendolen Margaret, and Brown, William. Oscar eds. Transition in Africa: studies in political adaption. (Boston univ. African research and studies program. African research studies, no 1) Boston univ. press '58 p 121-53

Great Britain. Colonial office. Colonies; a guide to material and information services available to schools and to the public. The office '57 36p

Knaplund, Paul. Britain: Commonwealth and empire, 1901-1955. Harper '57? p504-16

Labaree, Leonard Woods. Royal government in America; a study of the British colonial system before 1783. (Am. classics) Ungar '58 p449-63 annot

Silcock, T. H. Commonwealth economy in Southeast Asia. (Duke univ. Commonwealth-studies center. Pubs. no 10) Duke univ. press '59 p216-50 annot

Underhill, Frank Hawkins. British Commonwealth; an experiment in co-operation among nations. (Duke univ. Commonwealth studies center. Pubs) Duke univ. press '56 p 102-21

See also

Federation of Malaya
West Indies (federation)

Commerce

Ramsay, George Daniel. English overseas trade during the centuries of emergence; studies in some modern origins of the English-speaking world. Macmillan '57 p249-64 annot

Constitutional history

Chimes, Stanley Bertram, and Roots, Ivan Alan. English constitutional history: a sel. bibliography. (Helps for students of history ser, no 58) Historical association '58 39p

Gough, John Wiedhofft. Fundamental law in English constitutional history. Oxford '55 p222-4

Hughes, Paul L. and Fries, Robert Francis, eds. Crown and parliament in Tudor-Stuart England; a documentary constitutional history, 1485-1714; ed. and with introd. and commentary. Putnam '59 p345-51

Smith, Goldwin Albert. Constitutional and legal history of England. (Scribner's historical ser) Scribner '55 p531-51 annot

GREAT BRITAIN—*Continued*

Constitutional law

Gough, John Wiedhofft. Fundamental law in English constitutional history. Oxford '55 p222-4

Directories

Henderson, George Poland. Current British directories, 1955[-1958] a comprehensive guide to local trade and professional directories of the British isles. (2d-3d ed) Jones & Evans bookshop '55-'58 2v

Economic conditions

Birnie, Arthur. Economic history of the British Isles. 8th ed Methuen '55 incl bibliog
Cole, George Douglas Howard. Post-war condition of Britain. Praeger '56 p460-70
Zupnick, Elliot. Britain's postwar dollar problem. Columbia univ. press '57 p233-47

Economic history

List of publications on the economic history of Great Britain and Ireland. Econ Hist R s2 8:471-86; 9:520-4; 10:510-30 Ap '56, Ap '57, Ap '58
Tawney, Richard Henry. Business and politics under James I; Lionel Cranfield as merchant and minister. Cambridge '58 p303-13

Executive departments

MacKenzie, William James Millar, and Grove, Jack William. Central administration in Britain. Longmans '57 incl bibliog

Foreign economic relations

Gardner, Richard N. Sterling-dollar diplomacy in the reconstruction of multilateral trade. Oxford '56 p393-412

Foreign relations

United States. Department of state. Library division. British reaction to British foreign policy, 1956; sel. references from the British press. (Bibliog. list no 146) The division '57 30p

Netherlands

Walpole, Horace. Honest diplomat at the Hague; the private letters of Horatio Walpole, 1715-1716; ed. by John J. Murray. (Ind. Univ. Pubs. Social science ser, no 13) Ind. univ. press '55 p365-76

United States

Allen, Harry Cranbrook. Great Britain and the United States; a history of Anglo-Am. relations (1783-1952) St Martin's '55 p984-98
Perkins, Bradford. First rapprochement; England and the United States, 1795-1805. Univ. of Pa. press '55 p221-40

Government publications

Great Britain. Parliament. House of commons. Catalogue of papers printed by order of the House of commons, from the year 1731 to 1800; in the custody of the clerk of the journals. H.M.S.O. '53 101p
Great Britain. Parliament. House of commons. Library. Bibliography of parliamentary debates of Great Britain. (Doc. no2) H.M.S.O. '56 62p
Great Britain. Stationary office. Government publications monthly list. H.M.S.O. See numbers

History

Burt, Alfred LeRoy. Evolution of the British empire and Commonwealth from the American revolution. Heath '56 p919-27
Cambridge history of the British empire; v3. The Empire-commonwealth, 1870-1919; ed. by E. A. Benians [and others]; bibliog. by A. Taylor Milne Cambridge '59 p769-907
Lunt, William Edward. History of England 4th ed (Harper's historical ser) Harper '57 p897-964 annot
Mauoris, André. History of England [a new ed. with two additional chapters] tr. from the French by Hamish Miles. Farrar, Straus '58 p517-20
Smith, Goldwin Albert. History of England. 2d ed rev Scribner '57 p861-92 annot

Sources

Mullins, Edward Lindsay Carson. Texts and calendars: an analytical guide to serial publications. (Guides and handbks, no7) Royal historical soc. '58 674p

To 1485

Pine, Leslie Gilbert. They came with the Conqueror; a study of the modern descendants of the Normans. Putnam '55 p216-30 annot

To 1449

Library association. County libraries section. British prehistory and Roman Britain. (Reader's guide, new ser, no36) The section '57 22p

Anglo-Saxon period, 449-1066

Blair, Peter Hunter. Introduction to Anglo-Saxon England. Cambridge '56 p364-71 annot
Bonser, Wilfrid. Anglo-Saxon and Celtic bibliography (450-1087) Univ. of Calif. press '57 2v
Duckett, Eleanor Shipley. Alfred the Great. Univ. of Chicago press '56 p208-15

Medieval period, 1066-1485

Henderson, Philip. Richard Coeur de Lion; a biography. Norton '59 p249-51
Library association. County libraries section. Medieval Britain. (Readers' guide, new ser, no44) The section '58 23p
Perroy, E. L'Angleterre médiévale; pubs. des années 1952, 1953 et 1954[-1955] à 1957] R Hist 214:282-321; 220:111-55 O '55, J1 '53
Poole, Austin Lane. From Domesday book to Magna carta, 1087-1216. 2d ed (Oxford history of England v3) Oxford '55 p487-512
Poole, Austin Lane, ed. Medieval England. new ed rev Oxford '58 2v incl bibliog

Plantagenets, 1154-1399

Boussard, Jacques. Le gouvernement d'Henri II Plantagenet. (Bibliothèque elzévirienne. nouv. sér: Etudes et docs) Lib. d'Argences '56 p xlii-lxxvii
Harvey, John Hooper. Plantagenets, 2d rev ed Macmillan '59 p231-3

13th century

Powicke, Sir Frederick Maurice. Thirteenth century, 1216-1307. (Oxford history of England, v4) Oxford '53 p720-78

Modern period, 1485-

Vaucher, P. Histoire de la Grande-Bretagne (période moderne) R Hist 212:327-47; 213: 81-99 O '54-Ja '55 annot

Tudors 1485-1603

Elton, Geoffrey Rudolph. England under the Tudors. (History of England, v4) Putnam '55 p477-88
Library association. County libraries section. Tudor and Stuart Britain. (Reader's guide, new ser, no39) The section '57 20p
Maynard, Theodore. Bloody Mary. Bruce pub. '55 p290-2
Morris, Christopher. Tudors. Macmillan '56 p 187-9 annot
Read, Conyers, ed. Bibliography of British history. Tudor period, 1485-1603; issued under the direction of the Am. historical assn. and the Royal historical soc. of Great Britain. 2d ed Oxford '59 624p annot
Williams, Ethel Carleton. Bess of Hardwick. Longmans '59 p296-303
Williamson, James Alexander. Tudor age. 2d ed (History of England, v5) Longmans '57 p457-9 annot

17th century

See Great Britain—History—Stuarts, 1603-1714

Stuarts, 1603-1714

Bowen, Catherine (Drinker). Lion and the throne; the life and times of Sir Edward Coke (1552-1634) Little '57 p565-608
Clark, Sir George Norman. Later Stuarts, 1660-1714. 2d ed (Oxford history of England v 10) Oxford '55 p423-58
Library association. County libraries section. Tudor and Stuart Britain. (Reader's guide, new ser, no39) The section '57 20p
Kenyon, John Philipps. Stuarts; a study in English kingship. Macmillan '59 p228-32 annot
Morgan, Irvonwy. Prince Charles's Puritan chaplain. Allen '57 p209-13

Puritan revolution, 1642-1660

Ashley, Maurice Percy. Greatness of Oliver Cromwell. Macmillan '58 p371-3

GREAT BRITAIN—Puritan revolution, 1642-1660—Continued

French, Allen. Charles I and the Puritan upheaval; a study of the causes of the great migration. Houghton '55 p419-25
Solt, Leo Frank. Saints in arms; puritanism and democracy in Cromwell's army. (Stanford studies in history, economics, and political science, 18) Stanford univ. press '59 p 123-41

See also

Levellers

Civil war, 1642-1649

Yule, George. Independents in the English Civil war. Cambridge '58 p 154-6

18th century

Humphreys, Arthur Raleigh. Augustan world; life and letters in eighteenth century England. Methuen '54 p261-9

1714-1837

Plumb, John Harold. First four Georges. Macmillan '57 p 181-3 annot

1789-1820

Mackesy, Piers. War in the Mediterranean, 1803-1810. Harvard univ. press '57 p410-17

19th century

Briggs, Asa. Age of improvement. (History of England) Longmans '59 p524-5 annot
Marriott, Sir John Arthur Ransome. England since Waterloo; 15th ed. with a new sel. bibliog. by M. R. D. Foot. (History of England v7) Methuen '54 p446-9
White, Reginald James. Waterloo to Peterloo. Macmillan '57 p 193-5

Victoria, 1837-1901

Briggs, Asa. Victorian people; a reassessment of persons and themes, 1851-67. Univ. of Chicago press '55 p300-5

Library association. County libraries section. Victorian Britain. (Readers' guide, new ser, no43) The section '58 32p

20th century

Mowat, Charles Loch. Britain between the wars, 1918-1940. Univ. of Chicago press '55 p659-64 annot

Industries and resources

Burn, Duncan, ed. Structure of British industry; a symposium. (Nat. inst. of economic and social research. Economic and social studies, 15) Cambridge '58 2v incl bibliog

Intellectual life

Altick, Richard Daniel. English common reader; a social history of the mass reading public, 1800-1900. Cambridge '57 p399-409
Chute, Marchette Gaylor. Two gentle men; the lives of George Herbert and Robert Herrick. Dutton '59 p283-97
Humphreys, Arthur Raleigh. Augustan world; life and letters in eighteenth-century England. Methuen '54 p261-9

Kings and rulers

Murray, Margaret Alice. Divine king of England; a study in anthropology. Faber '54 p265-72

Navy

Lewis, Michael Arthur. History of the British navy. Essential bks. '59 p243-6 annot

Parliament

Great Britain. British information services. Reference division. British parliament; a short account of its constitution, functions and procedure. rev ed (I.D.952) The services '56 p23-4
Great Britain. Parliament. House of commons. Library. Bibliography of parliamentary debates of Great Britain. (Doc. no2) H.M.S.O. '56 62p

Rex, Millicent Barton. University representation in England, 1604-1690; pref. by Robert Livingston Schuyler. (Etudes présentées à la Comm. int. pour l'histoire des assemblées d'états, v 15) Allen '54 p381-92

Wilding, Norman W. and Laundry, Philip. Encyclopaedia of Parliament; with a foreword by the Viscount Malvern. Cassell '53 p681-705

House of commons

Great Britain. Parliament. House of commons. Catalogue of papers printed by order of the House of commons, from the year 1731 to 1800; in the custody of the clerk of the journals. H.M.S.O. '53 101p
Mitchell, Williams M. Rise of the revolutionary party in the English House of commons, 1603-1629. Columbia univ. press '57 p 195-200 annot

Politics and government

Bailey, Sydney Dawson. British parliamentary democracy. Houghton '58 incl bibliog
Cowherd, Raymond Gibson. Politics of English dissent; the religious aspects of liberal and humanitarian reform movements from 1815 to 1848. N.Y. univ. press '56 p217-32
Crosby, Gerda Richards. Disarmament and peace in British politics, 1914-1919. (Harvard univ. Harvard historical monographs, no32) Harvard univ. press '57 p 169-77 annot

Erickson, A. B. Edward T. Cardwell: Peelite. Am Philos Soc Trans 49:104-5 Ap '59

Great Britain. British information services. Reference division. Government and administration of the United Kingdom. rev ed (ID 1233) The division '57 p75-80

Mabileau, Albert. Le parti libéral dans le système constitutionnel britannique; préf. de J. J. Chevallier. (Fondation nat. des sciences politiques, Cahiers, 47) Colin '53 p341-9

Mathiot, André. British political system; tr. by Jennifer S. Hines. Stanford univ. press '58 p337-42

Poirier, Philip P. Advent of the British labour party. Columbia univ. press '58 p275-90

Ranney, John Calver, and Carter, Gwendolen Margaret. Major foreign powers; the govts. of Great Britain, France, Germany, and the Soviet Union; 3d ed. by Gwendolen M. Carter [and others] Harcourt '57 p721-92
St John-Stevass, Norman. Walter Bagehot; a study of his life and thought together with a sel. from his political writings. Ind. univ. press '59 p465-9

Walcott, Robert. English politics in the early eighteenth century. (Harvard historical monographs, 28) Harvard univ. press '56 p236-42

Wheeler-Bennett, John Wheeler. King George VI, his life and reign. St Martins '58 p830-4

White, L. W. and Hussey, W. D. Government in Great Britain, the empire, and the Commonwealth. Cambridge '57 p283-5
—Same. 2d ed Cambridge '53 p286-8

Wiggin, Lewis M. Faction of cousins; a political account of the Grenvilles, 1733-1763. (Yale historical pubs. Misc, 69) Yale univ. press '58 p315-31 annot

See also

Conservative party (Great Britain)

Great Britain—Parliament

Labor party (Great Britain)

Liberal party (Great Britain)

See also

17th century

Levellers

Race problems

Political and economic planning. Colonial students in Britain; a report. The group '55 p240-51

Religion

Spinks, George Stephens, and others. Religion in Britain since 1900. (20th century histories) Dakers '52 p241-7

Social conditions

Cowherd, Raymond Gibson. Politics of English dissent; the religious aspects of liberal and humanitarian reform movements from 1815 to 1848. N.Y. univ. press '56 p217-32

Social life and customs

Hoggart, Richard. Uses of literacy; changing patterns in English mass culture. Essential bks. '57 p308-12

Palmerston, Henry Temple. 2d viscount. Portrait of a golden age [his] intimate papers; comp. and ed. by Brian Connell. Houghton '58 p466-75

Statistics

Kendall, Maurice George, ed. Sources and nature of the statistics of the United Kingdom. Oliver '52-'57 2v incl bibliog

GREAT BRITAIN—Continued

Treasury

Baxter, Stephen Bartow. Development of the Treasury, 1660-1702. Harvard univ. press '57 p283-8 annot

GREAT BRITAIN and Italy. See Italy and Great Britain

GREAT BRITAIN and the Netherlands

Wilson, Charles Henry. Profit and power; a study of England and the Dutch wars. Longmans '57 p 159-64

GREAT LAKES

St Lawrence waterway

See St Lawrence waterway and power project

GREAT PLAINS region

Kraenzel, Carl Frederick. Great Plains in transition. Univ. of Okla. press '55 p391-418 annot

GREAVES, William Michael Herbert, 1897-1955

Redman, R. O. William Michael Herbert Greaves, 1897-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 137-8)

GRECO, El (Dominico Theotocopuli) ca 1542-1618

Greco, El. El Greco; biographical and critical study by Paul Guinard; tr. by James Emmons. (Taste of our time, no 15) Skira '56 p 131-3 annot

Marañón, Gregorio. El Greco y Toledo. Espasa-Calpe '56 p309-14

GREECE

La Grèce. Biblio 27:12-13 J1 '59

See also

Mycenae

Antiquities

Comptes rendus bibliographiques. See numbers of Revue des études grecques

French bibliographical digest; no22 (ser2) Archaeology (1945-1955) pt3, Greece, by Pierre Amandry. Cultural center, French embassy '57 76p

Kirsten, Ernst, and Kraiker, Wilhelm. Griechenlandkunde; ein führer zu klassischen stätten. 3d rev ed Winter '57 p497-511

Martin, R. Bulletin archéologique: Topographie—architecture. R Etud Grecques 66: 213-94; 71:364-421; 72:284-334 Ja '53, Ja '58-Ja '59

Matz, Friedrich. Le monde égéen: Troie, Crète, Mycènes; texte français de Jacques Boitel. (Grandes civilisations de l'antiquité) Corréa '56 p269-70

Economic conditions

Michell, Humfrey. Economics of ancient Greece. 2d ed Barnes & Noble '57 p394-8, 425-7

History

Botsford, George Willis, and Robinson, Charles Alexander. Hellenic history. 4th ed Macmillan '56 p470-88

Chronology of Greek history. Atlantic 195: 167 Je '55

Kirsten, Ernst, and Kraiker, Wilhelm. Griechenlandkunde; ein führer zu klassischen stätten. 3d rev ed Winter '57 p497-511

Taylor, Duncan Burnett. Ancient Greece [bibliog. by Elizabeth N. Bewick] Roy pubs. '58 p70-2

Religion

Manno, Ambrogio. Il teismo di Platone. (Pubblicazioni) Istituto superiore di scienze e lettere S. Chiara '55 p32-3

Social conditions

Thomson, George Derwent. Studies in ancient Greek society; v 1, The prehistoric Aegean. Lawrence '54 p595-611

GREECE, Modern

Description and travel

Anthony, Anne. Greek holiday. The author '57 p411-14

GREECE and the United States

Larrabee, Stephen Addison. Hellas observed; the Am. experience of Greece, 1775-1865. N.Y. univ. press '57 p335-43

GREEFF, Etienne de, 1898-

Around de l'œuvre du Dr. E. de Greeff. Nauwelaerts '56 2v v2, p 193-208

GREEK church. See Orthodox Eastern church

GREEK civilization. See Civilization, Greek

GREEK drama

History and criticism

Lattimore, Richmond. Poetry of Greek tragedy. (Johns Hopkins univ. Percy Turnbull memorial lectureship of poetry, 1957) Johns Hopkins press '58 p 149-50

Lesky, Albin. Die tragische dichtung der Hellenen. (Studienhefte der altertumswissenschaft, no2) Vandenhoeck & Ruprecht '56 p7-10

Untersteiner, Mario. Le origini della tragedia e del tragico dalla preistoria a Eschilo. new ed (Saggi, 194) Einaudi '55 p583-98

GREEK drama (tragedy)

Lesky, A. Griechische tragödie [forschungsbericht] Anz Altertumsw 12:col 1-22 Ja '59

GREEK inscriptions. See Inscriptions, Greek

GREEK language

Bergson, Leif. L'épithète ornementale dans Eschyle, Sophocle et Euripide. Lundquist '56 p210-13

Comptes rendus bibliographiques. See numbers of Revue des études grecques

Risch, E. Zusammenfassender literaturbericht für die jahre 1939-1950. Glotta 33 no 3/4: 179-227; 35 no 1/2:33-76 '54, '56

Metrics and rhythmic

Martin, Emile. Essai sur les rythmes de la chanson grecque antique. (Etudes et commentaires, 14) Klincksieck '53 p355-64

Semantics

Thesleff, Holger. Studies on intensification in early and classical Greek. (Finska vetenskaps-societeten, Helsingfors. Commentationes humanarum litterarum, xxi, 1) Munksgaard '54 p6-9

Syntax

Denniston, John Dewar. Greek particles. 2d ed Oxford '54 p589-96

GREEK language, Biblical

See also

Bible. New Testament—Language

GREEK language, Byzantine. See Greek language, Medieval and late

GREEK language, Medieval and late

Böhlig, Gertrud (Ries). Untersuchungen zum rhetorischen sprachgebrauch der Byzantiner, mit besonderer berücksichtigung der schriften des Michael Psellos; mit einem geleitwort von Franz Dölger. (Berliner byzantinistische arbeiten, v2) Akademie-verlag '56 p xiii-xxv

GREEK letter societies

Hamilton, V. Secret societies in American high schools. Nat Assn Sec Sch Prin Bul 40:33-4 O '56

Lee, Alfred McClung. Fraternities without brotherhood; a study of prejudice on the Am. campus. Beacon press '55 incl bibliog

GREEK literature

Comptes rendus bibliographiques. See numbers of Revue des études grecques

Olschki, firm. Florence. Libri antichi in greco; con un'appendice di opere antiche di linguistica e letteratura greca. Greek authors in Greek; with an appendix of old works on Greek linguistic and literature. The firm '53 84p

See also

Greek drama

GREEK manuscripts. See Manuscripts, Greek

GREEK music. See Music, Greek and Roman

GREEK mythology. See Mythology, Greek

GREEK philosophy. See Philosophy, Greek

GREEKS in India

Narain, A. K. Indo-Greeks. Oxford '57 p 182-90

GREEKS in the United States

Saloutos, Theodore. They remember America; the story of the repatriated Greek-Americans. Univ. of Calif. press '56 p 143-9

GREELEY, Horace, 1811-1872

Trietsch, James H. Printer and the prince; a study on the influence of Horace Greeley upon Abraham Lincoln as candidate and president. Exposition '55 p323-32

GREEN, Julian, 1900-

Stokes, Samuel Emlen. Julian Green and the thorn of Puritanism. King's crown press '55 p 148-51

- GREEN county, Kentucky**
Jillson, Willard Rouse. Bibliography of Green county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, cartography, onyx, oil and gas, with annots, 1784-1956. Roberts print. co. '55 25p
- GREEN Mountains**
McCorison, M. A. New Hampshireiana, new Vermontiana, North Country Lib 1:10-12 D '58
- GREENE, Graham, 1904-**
Hargreaves, P. Graham Greene: a selected bibliography. Bul Bibliog 22:45-8 Ja '57
Wyndham, Francis. Graham Greene. (Bibliog. ser. of sups. to British bk. news, no67) Longmans '55 p27-9
- GREENE, William Chase, 1911-1954**
Publications of William Chase Green, 1911-1954. (In Harvard studies in classical philology, v62). Harvard univ. press '57 p 1-3)
- GREENHOUSES**
Salter, P. J. and others. Effects of different water-regimes on the growth of plants under glass. J Hort Sci 29:268; 32:213, 225-6; 33:11-12 O '54, J1 '56, Ja '58
- GREGOR, Joseph, 1838-**
Bleier, Brody, Agnes. Die Dramaturgische gesellschaft e. V. beehrt sich anlässlich des 70. geburtstages von Winkl. Hofrat Professor Dr. Joseph Gregor zu überreichen: Versuch einer Joseph-Gregor-Bibliographie, 1908-1958; mit einem vorwort von E. H. Mueller von Asow. Dramaturgische gesellschaft '58 36p
- GREGORY of Nyssa, Saint, ca 331-396**
Völker, Walthar. Gregor von Nyssa als mystiker. Steiner '55 p xi-xvi
Weiswurm, Alcuin Alois. Nature of human knowledge according to Saint Gregory of Nyssa. (Catholic univ. of Am. Philosophical studies, v 136) Catholic univ. of Am. press '52 p227-39
- GRESSMANN, Hugo, 1877-1927**
Sprondel, G. Bibliographie Hugo Gressmann. Z Alttestamentliche Wiss 69 no 1/4:211-23 '57
- GRIABLE, Marcel, 1898-1956**
Champion, P. Bibliographie de Marcel Griable. Soc African J 26 no1/2:279-90 '56
- GRIBAUDI, Pietro, 1874-1950**
Gribaudi, Pietro. Scritti di varia geografia. (Turin. Univ. Laboratorio di geografia economica Piero Gribaudi. Pubblicazioni, 9) Giapichelli '55 p9-16
- GRIEWANK, Karl, 1900-1953**
Griewank, Karl. Der nezeitliche revolutionsbegriff; entstehung und entwicklung. Böhlau nachf. '55 p314-22
- GRILLPARZER, Franz, 1791-1872**
Baumann, Gerhart. Franz Grillparzer; sein werk und das österreichische wesen. Herder '54 p221-2
- GRIMMELSHAUSEN, Hans Jacob Christoffel von, 1625-1676**
Streller, Siegfried. Grimmelshausens Simplianische schriften; allegorie, zahl und wirklichkeitsdarstellung. (Neue beiträge zur literaturwissenschaft, v7) Rütten & Loening '57 p221-7
- GRINDING and polishing, Electrolytic**
Cuthbertson, J. W. Electrolytic processes for surface conditioning of metals. Inst Elec Eng Proc 102:509 O '55
- GRIPPE.** See Influenza
- GRIS, Juan, 1887-1927**
New York. Museum of modern art. Juan Gris, by James Thrall Soby [sel. bibliog. by Bernard Karpel] The museum '58 p 120-4
- GRISEBACH, Eduard Rudolf Autor, 1845-1906**
Klement, Alfred von. Eduard Grisebach-bibliographie. Krieg '55 23p
Klement, A. von. Bibliographie des dichters und bibliophilen Eduard Grisebach. Antiquariat 9:349-52; 10:3-8, 53-8, 120-3, 147-9 D '53-Ja, Mr, My-Je '54
- GRIST mills.** See Flour mills
- GRIZIOTTI, Benvenuto, 1884-**
Griziotti, Benvenuto. Studi di scienza delle finanze e diritto finanziario; pref. di Luigi Einaudi. (Pavia. Univ. Istituto di finanza. Studi, nuova ser) Giufrè '56 2v v 1, p xi-xxxviii
- GROCERY stores**
See also Supermarkets
- GROOT, José Manuel, 1800-1878**
Giraldo Jaramillo, Gabriel. Don José Manuel Groot. Editorial ABC '57 p 153-4
- GROPIUS, Walter, 1883-**
Giedion, Sigfried. Walter Gropius, l'homme et l'œuvre. Morancé '54 p237-43
- GROSSETESTE, Robert, bp of Lincoln, 1175?-1253**
Alessio, F. Studi e ricerche su Roberto di Lincoln. R Crit Storia Filos 12:233-7 Ap '57
Callus, Daniel Angelo Philip, ed. Robert Grosseteste, scholar and bishop; essays in commemoration of the seventh centenary of his death; with an introd. by Sir Maurice Powicke. Oxford '55 p253-60
- GROTTOES.** See Caves
- GROUNDING (electricity)** See Electric currents—Grounding
- GROUP behavior**
Roby, T. B. and Lanzetta, J. T. Considerations in the analysis of group tasks. Psychol Bul 55:99-101 Mr '58
- GROUP consciousness**
See also Unanimism
- GROUP psychotherapy.** See Psychotherapy—Group work
- GROUP work**
Bass, B. M. Leaderless group discussion. Psychol Bul 51:490-2 S '54
Colorado. Department of public welfare. Library. Community organization and group work. (Lib. counselor, v 14, no2) The library '59 25p annot
Fiedler, Fred E. Leader attitudes and group effectiveness. Univ. of Ill. press '58 p67-9
Kuenstler, Peter, ed. Social group work in Great Britain. Faber '55 p 165-72
Lowy, Louis. Adult education and group work; with a foreword by Harleigh B. Trecker. Whiteside; Morrow '55 p215-17
Mann, R. D. Review of the relationships between personality and performance in small groups. Psychol Bul 56:266-70 J1 '59
Miles, Matthew B. Learning to work in groups; a program guide for educational leaders. (Columbia univ. Horace Mann-Lincoln inst. of school experimentation. Pub) Teachers college '59 p253-11
Philips, Helen Upson. Essentials of social group work skill. Assn. press '57 p 173-80
Strang, Ruth. Group work in education. Harper '58 incl bibliog
Trecker, Harleigh Bradley. Social group work; principles and practices. rev & enl ed Whiteside '55 incl bibliog
Willey, Roy DeVerl, and Strong, W. Melvin. Group procedures in guidance. (Education for living ser) Harper '57 incl bibliog
Yukie, E. C. Group movement and growth in a physical education class. Res Q 26:233 My '55
- See also Sociodrama
- GROUPING, Homogenous.** See Ability grouping in education
- GROUPS (sociology)**
Chang, K. C. Study of the neolithic social grouping; examples from the New World. Am Anthropol 60:325-34 Ap '58
Fogarty, Michael Patrick. Personality and group relations in industry. Longmans '56 incl bibliog annot
Gardner, Eric F. and Thompson, George Greene. Social relations and morale in small groups. (Century psychology ser) Appleton '56 p303-7
Gardner, G. Functional leadership and popularity in small groups. Human Relations 9 no 4:508-9 '56
Goldschmidt, W. Social class and the dynamics of status in America. Am Anthropol 57: 1216-17 D '55
Gordon, Thomas. Group centered leadership; a way of releasing the creative power of groups. Houghton '55 p355-60
Klein, Josephine. Study of groups. (Int. lib. of sociology and social reconstruction) Routledge '56 p 189-95
Knowles, Malcolm Shepherd, and Knowles, Hulda Fornaby. Introduction to group dynamics. Assn. press '59 p78-84 annot
Larsen, Cecil Evva. School and society; the educational significance of social group life. Nat. press '58 incl bibliog
Schachter, Stanley. Psychology of affiliation; experimental studies of the sources of gregariousness. (Stanford studies in psychology, 1) Stanford univ. press '59 p 135-8
Thibaut, John W. and Kelley, Harold H. Social psychology of groups. Wiley '59 p292-304

GROUPS (sociology)—Continued

- Turner, Ralph Harold, and Killian, Lewis Martin. Collective behavior. (Prentice-Hall sociology ser) Prentice-Hall '57 p531-9 annot
- Wolf, E. R. Aspects of group relations in a complex society: Mexico. *Am Anthropol* 58: 1076-8 D '56

Zaleznik, Abraham. Worker satisfaction and development; a case study of work and social behavior in a factory group. Graduate school of business adm, Harvard univ. '56 p 146-8

GROUPS, Continuous

See also

Differential invariants

GROUPS, Theory of

- Borel, A. Topology of Lie groups and characteristic classes. *Am Math Soc Bul* 61:429-32 S '55
- Borel, A. and Hirzebruch, F. Characteristic classes and homogeneous spaces. *Am J Math* 80:537-8 Ap '58
- Bott, R. Homogeneous vector bundles. *Ann Math* 66:247-8 S '57
- Bruck, R. H. Survey of binary systems. *Ergeb Math* ns 20:163-81 '58
- Calabi, E. Construction and properties of some 6-dimensional almost complex manifolds. *Am Math Soc Trans* 87:437-8 Mr '58
- Clifford, A. H. Totally ordered commutative semigroups. *Am Math Soc Bul* 64:315-16 N '58
- Coxeter, H. S. M. Groups generated by unitary reflections of period two. *Can J Math* 9 no2:271-2 '57
- Coxeter, H. S. M. and Moser, W. O. J. Generators and relations for discrete groups. *Ergeb Math* ns no 14:144-51 '57
- Ehrenpreis, L. and Mautner, F. I. Some properties of the Fourier transform on semi-simple Lie groups. *Ann Math* 61:439 N '55; *Am Math Soc Trans* 84:54-5; 90:483-4 Ja '57, Mr '59
- Gottschalk, W. H. Minimal sets. *Am Math Soc Bul* 64:350-1 N '58
- Hall, Marshall. Theory of groups. Macmillan '59 p421-7
- Lambek, J. Goursat's theorem and the Zassenhaus lemma. *Can J Math* 10 no 1: 56 '58
- Montgomery, Deane, and Zippin, Leo. Topological transformation groups. (Interscience tracts in pure and applied mathematics, 1) Interscience '55 p272-9
- Moran, S. Associative operations on groups. *Lond Math Soc Proc* 8:567-8 O '58
- Paechter, G. F. The groups π (Vn,m) *Q J Math* 7:268 D '56
- Papakyriakopoulos, C. D. Some problems on 3-dimensional manifolds. *Am Math Soc Bul* 64:334-5 N '58
- Rudin, W. Measure algebras on Abelian groups. *Am Math Soc Bul* 65:246-7 Jl '59
- Stern, S. K. On the foundations of quasi-groups. *Am Math Soc Trans* 85:255-6 My '57

See also

Transformations (mathematics)

GROUPS of points

- Eggleston, Harold Gordon. Problems in Euclidean space; application of convexity: the Adams prize essay of the Univ. of Cambridge, 1955-6. (Int. ser. of monographs on pure and applied mathematics, v5) Pergamon '57 incl bibliog

GROUSE

- Larsen, J. A. and Lahey, J. F. Influence of weather upon a ruffed grouse population. *J Wildlife Mgt* 22:69-70 Ja '58

GROUT, Frank Fitch, 1880-1958

- Schwartz, G. M. Memorial of Frank Fitch Grout. *Am Min* 44:375-6 Mr '59

GROUTING

- Chemical grouting. *Am Soc Civil Eng Proc* 83 [SM 4 no 1426]:87-106 N '57 annot

GROWTH

- Conference on dynamics of proliferating tissues, Upton, New York, 1956. Dynamics of proliferating tissues, edited by Dorothy Price. (Developmental biology conference ser, 1956) Univ. of Chicago press '58 p89-96
- Dehnelt, P. A. Rates of growth of gastropods as a function of latitude. *Physiol Zool* 28: 137-8+ Ap '55
- Garn, Stanley M. and Shamir, Zvi. Methods for research in human growth. Thomas '58 p 103-15
- Hafez, E. S. E. Differential growth of organs and edible meat in the domestic fowl. *Poultry Sci* 34:752-3 Jl '55
- Harris, Dale B. ed. Concept of development; an issue in the study of human behavior. Univ. of Minn. press '57 incl bibliog

Korn, W. Änderungen der biologischen entwicklung im jugendalter. (Beiträge zur anthropologie, no2) Verlag für kunst & wissenschaft '53 p60-70

Mackay, I. F. S. and others. Influence of vitamin B₁₂ and aureomycin upon the growth of protein-deficient children. *J Nutrition* 59:168-70 My '56

Meredith, H. V. Longitudinal anthropometric data in the study of individual growth. *N Y Acad Sci Ann* 63 no4:525-7 '55

Phillips, W. A. and Berg, C. P. Effect upon growth of the D isomers in synthetic mixtures of the essential amino acids. *J Nutrition* 53:496-8 Ag '54

Richards, O. W. D'Arcy W. Thompson's mathematical transformation and the analysis of growth. *N Y Acad Sci Ann* 63 no4: 472-3 '55

Shreffler, D. C. and Touchberry, R. W. Effects of crossbreeding on rate of growth in dairy cattle. *J Dairy Sci* 42:619-20 Ap '59

Smith, Richmond Watson, and others, eds. Hypophyseal growth hormone, nature and actions; int. symposium. McGraw '55 incl bibliog

Society for the study of development and growth. Aspects of synthesis and order in growth [by] R. Y. Stanier [and others] ed. by Dorothea Rudnick. Princeton univ. press '54 incl bibliog

Society for the study of development and growth. Biological specificity and growth, by A. M. Schechtman [and others] ed. by Elmer G. Butler. Princeton univ. press '55 incl bibliog

Society for the study of development and growth. Cell, organism and milieu [17th symposium of the Society] ed. by Dorothea Rudnick. Ronald '59 incl bibliog

Society for the study of development and growth. Dynamics of growth processes by L. M. Kozloff [and others] ed. by Edgar J. Boell. Princeton univ. press '54 incl bibliog

Waterman, T. H. Relative growth and the compound eye in xiphosura. *J Morphol* 95: 156-8 Jl '54

Whitney, R. R. and Carlander, K. D. Interpretation of body-scale regression for computing body length of fish. *J Wildlife Mgt* 20:26-7 Ja '56

Winchester, Clarence Floyd, and Ellis, Ned Royce. Delayed growth of beef cattle. (U.S. Dept. of agriculture, Technical bul. no 1159) U.S. Gov. ptg. office '57 p25-6

See also

Children—Growth and development

Dwarfism

Growth regulating substances

Heterosis

Regeneration (biology)

GROWTH (bacteria)

- Lockhart, W. R. Use of microorganisms for studies of growth and morphogenesis. *Bact R* 23:14-17 Mr '59

See also

Growth regulating substances (bacteria)

GROWTH (fungi)

- Brancato, F. P. and Golding, N. S. Influence of concentrated substrates on the diameter attained by the fungus colony. *Mycologia* 46:454-6 Jl '54

Pine, L. and others. Studies on the growth of histoplasma capsulatum. *J Bact* 68:678-9; 70:381; 74:244-5; 75:173-4 D '54, O '55, Ag '57, F '58

Raper, K. B. Factors affecting growth and differentiation in simple slime molds. *Mycologia* 48:203-5 Mr '56

See also

Growth regulating substances (fungi)

GROWTH (plants)

- Alberda, T. Effects of cutting, light intensity and night temperature on growth and soluble carbohydrate content of lolium perenne L. *Plant & Soil* 8:229-30 Mr '57
- Braun, A. C. Study of the nature of autonomy in neoplastic plant cells. *Am Natur* 90: 236 Jl '56

Cooper, J. P. Studies on growth and development in lolium. *J Ecol* 42:554-6 Jl '54

Downs, R. J. and Borthwick, H. A. Effects of photoperiod on growth of trees. *Bot Gaz* 117:325-6 Je '56

Eyster, C. and others. Manganese requirement with respect to growth, Hill reaction and photosynthesis. *Plant Physiol* 33:240-1 Jl '58

GROWTH (plants)—Continued

- Fritts, H. C. Analysis of radial growth of beech in a central Ohio forest during 1954-1955. *Ecology* 39:719-20 O '58
- Fritts, H. C. Radial growth of beech and soil moisture in a central Ohio forest during the growing season of 1952. *Ohio J Sci* 56:28 Ja '56
- Kozlowski, T. T. Water relations and growth of trees. *J For* 56:501-2 J '58
- Pilet, P. E. and Went, F. W. Control of growth of lens culinaris by temperature and light. *Am J Bot* 43:197-8 Mr '56
- Plaisted, P. H. Growth of the potato tuber. *Plant Physiol* 32:452-3 S '57
- Rutter, A. J. and Sands, K. Studies in the growth of young plants of pinus sylvestris L. *Ann Bot* 21:425-6; 23:283-4 J '57, Ap '59
- Salter, P. J. and others. Effects of different water-regimes on the growth of plants under glass. *J Hort Sci* 29:268; 32:213, 225-6; 33:11-12 O '54, J '56, Ja '58
- Society for the study of development and growth. Dynamics of growth processes by L. M. Kozloff [and others] ed. by Edgar J. Boell. Princeton univ. press '54 incl bibliog
- Spurr, S. H. and Hyvärinen, M. J. Wood fiber length as related to position in tree and growth. *Bot R* 20:573-5 N '54
- Street, H. E. Excised root culture. *Cambridge Philos Soc Biol R* 32:150-5 My '57
- Studhalter, R. A. and Glock, W. S. Tree growth. *Bot R* 21:60-72, 175-88 Ja '55
- Torrey, J. G. and Shigemura, Y. Growth and controlled morphogenesis in pea root callus tissue grown in liquid media. *Am J Bot* 44:344 Ap '57
- Von Maltzahn, K. E. Study of size differences in two strains of cucurbita pepo L. *Can J Bot* 35:830, 843 N '57
- Went, Frits Warmolt, and others. Experimental control of plant growth; with special reference to the Earhart plant research laboratory at the Calif. inst. of technology. (*Chronica botanica*, v 17) *Chronica botanica* co. 57 p329-36
- Wye college, Wye, England. Chemistry and mode of action of plant growth substances; proceedings of a symposium at the College, July 1955; ed. by R. L. Wain and R. Wightman. Academic press '56 incl bibliog
- See also*
Auxins
Compression wood
Differentiation (botany)
Growth regulating substances (plants)
Heteroauxin
Hormones (plants)
Regeneration (botany)
Soils and plant growth
Tree rings

GROWTH regulating substances

- Atkinson, R. L. and others. Further studies on unidentified growth factor sources for broad breasted bronze turkey poults. *Poultry Sci* 34:860-1 J '55
- Baron, H. Some effects of DL-methionine and glycocamine on growth and nitrogen retention in rats. *J Nutrition* 64:237-9 F '58
- Berry, M. E. and Schuck, C. Effect of aureomycin on growth and protein utilization in the rat. *J Nutrition* 54:282-4 O '54
- Edwards, H. M. and others. Differentiation of unidentified chick growth factors in liver. *J Nutrition* 57:341-3 N '55
- Gelfant, S. and others. Uterine growth following stimulation by estrogen and inhibition by aminopterin and nitrogen mustard. *J Exp Zool* 128:244-6 Mr '55
- Jacobs, B. L. and others. Unidentified chick-growth factor found in litter. *J Nutrition* 54:425-6 N '54
- Rasmussen, R. A. and others. Measurement and differentiation of unidentified chick growth factors using a new semi-purified ration. *Poultry Sci* 36:53-4 Ja '57
- Steenbock, H. and Hering, D. C. Vitamin D and growth. *J Nutrition* 57:466-8 D '55
- Terpstra, Willemke. Extraction and identification of growth substances, with special reference to the avena coleoptile tip. *Uitgeverij Excelsior* '53 p59-64
- Thimann, K. V. Promotion and inhibition: twin themes of physiology. *Am Natur* 90:161-2 My '56

See also

Antimetabolites
Colchicine

GROWTH regulating substances (bacteria)

- Cook, F. D. and Lochhead, A. G. Growth factor relationships of soil microorganisms as affected by proximity to the plant root. *Can J Microbiol* 5:333-4 Ag '59
- Hopps, H. E. and others. Mode of action of chloramphenicol. *J Bact* 72:566-7 O '56
- Kennedy, H. E. and others. Studies on a growth stimulant from corn steep using lactobacillus casei. *J Bact* 70:76-7 J '55
- Lankford, C. E. and others. Chelating agents in growth initiation of bacillus globigii. *J Bact* 74:747-8 D '57
- Lochhead, A. G. Soil bacteria and growth-promoting substances. *Bact R* 22:151-3 S '58
- Lochhead, A. G. and Burton, M. O. Incidence in soil of bacteria requiring vitamin B₁₂ and the terregens factor. *Soil Sci* 82:244-5 S '56
- MacDonald, J. C. Synthesis of aspartic acid by lactobacillus arabinosus. *Can J Microbiol* 4:342-3 Ag '58
- Ramsey, H. H. and Lankford, C. E. Stimulation of growth initiation by heat degradation products of glucose. *J Bact* 72:518 O '56
- Skeggs, H. R. and others. Discovery of a new acetate-replacing factor. *J Bact* 72:523-4 O '56
- Webb, M. and Nickerson, W. J. Differential reversal of inhibitory effects of folic acid analogues on growth, division, and deoxyribonucleic acid synthesis of microorganisms. *J Bact* 71:147-8 F '56
- Weinberg, E. D. Mutual effects of antimicrobial compounds and metallic cations. *Bact R* 21:63-8 Mr '57
- Wilkowske, H. H. and Krienke, W. A. Inhibitory substances in milk. *J Milk & Food Tech* 18:261 O '55
- GROWTH regulating substances (fungi)**
Huppert, M. and others. Pathogenesis of candida albicans infection following antibiotic therapy. *J Bact* 70:445-7 O '55
- GROWTH regulating substances (plants)**
Audus, L. J. and Thresh, R. Effects of synthetic growth-regulator treatments on the levels of free endogenous growth-substances in plants. *Ann Bot* 20:458-9 J '56
- Barton, L. V. Gibberellins: powerful plant growth regulators. *N Y Acad Sci Trans* 20:730-2 Je '58
- Beckman, C. H. Growth inhibition as a mechanism in Dutch elm disease therapy. *Phytopathology* 48:176 Mr '58
- Blommaert, K. L. J. Significance of auxins and growth inhibiting substances in relation to winter dormancy of the peach tree. (*Science bul.* no368) South Africa. Dept. of agriculture '55 p22-3
- Bradley, M. V. and Crane, J. C. Effects of auxins on development of apricot seeds and seedlings. *Am J Bot* 44:174-5 F '57
- Bradley, M. V. and Crane, J. C. Effect of 2,4,5-trichlorophenoxyacetic acid on cell and nuclear size and endopolyploidy in parenchyma of apricot fruits. *Am J Bot* 42:280-1 Mr '55
- Brian, P. W. Effects of gibberellins on plant growth and development. *Cambridge Philos Soc Biol R* 34:72-7, 82-4 F '59
- Cumming, B. G. Control of growth and development in red clover (*trifolium pratense* L.) *Can J Plant Sci* 39:23-4 Ja '59
- Fawcett, C. H. and others. Studies on plant growth-regulating substances. *Ann Ap Biol* 43:353-4, 364-5; 44:557-60; 45:156-7; 46:363-5 S '55, D '56, Mr '57, S '58
- Hillman, W. S. Action of benzimidazole on lemma minor. *Plant Physiol* 30:541-2 N '55
- Hitz, C. W. and others. Control of strawberry runner growth by growth inhibiting chemicals. *Am Soc Hort Sci Proc* 64:272-3 '54
- Kraus, E. J. Significance of growth regulators in agricultural practice. *Am Soc Hort Sci Proc* 63:543-6 '54
- Kruyt, Willem. Study in connection with the problem of hormonization of seeds. *North-Holland pub. co.* '54 p71-82
- Lott, Richard Vincent and Rice, Robert R. Effect of preharvest sprays of 2,4,5-trichlorophenoxypropionic acid upon the maturation of fruits of important summer-maturing apple varieties. (*Bul.* 588) Agricultural experiment station, Univ. of Ill. '55 p30-1
- Lund, H. A. Growth hormones in the styles and ovaries of tobacco responsible for fruit development. *Am J Bot* 43:567-8 O '56

- GROWTH regulating substances (plants)**—*Cont.*
 McCorquodale, D. J. and Duncan, R. E. Plant growth inhibitions by certain imidazole compounds and their preventions with metal ions. *Am J Bot* 44:722 O '57
 Mer, C. L. Re-examination of the supposed effect of riboflavin on growth. *Plant Physiol* 32:185 My '57
 Moore, Edwin Lewis. Some effects of certain growth-regulating substances upon premaria seedling in cabbage. (Technical bul. no40) Agricultural experiment station, Miss. state college '55 p39-42
 Naylor, J. M. Control of nuclear processes by auxin in axillary buds of *Tradescantia paludosa*. *Can J Bot* 36:231-2 Mr '58
 Nigrelli, R. F. Dutchman's baccy juice or growth-promoting and growth-inhibiting substances of marine-origin. *N Y Acad Sci Trans* 20:259-62 Ja '58
 Nitsch, J. P. and Nitsch, C. Studies on the growth of coleoptile and first internode sections; a new, sensitive, straight-growth test for auxins. *Plant Physiol* 31:110-11 Mr '56
 Patrick, Z. A. and Koch, L. W. Inhibition of respiration, germination, and growth by substances arising during the decomposition of certain plant residues in the soil. *Can J Bot* 36:646-7 S '58
 Perlasca, G. Chemical control of sprouting in white potatoes. *Am Potato J* 33:130-3 Ap '56
 Salisbury, F. B. Growth regulators and flowering. *Plant Physiol* 32:607-8 N '57
 Saunders, G. W. Interrelations of dissolved organic matter and phytoplankton. *Bot R* 23:404-9 Je '57
 Scholl, Allen W. and Cartwright, Dana Ray. Bibliography of synthetic plant-growth substances. The authors '55 532p
 Stowe, B. B. and others. Further studies of some plant indoles and auxins by paper chromatography. *Plant Physiol* 31:164-5 Mr '56
 Sumere, C. F. van, and others. Coumarins and phenolic acids in the uredospores of wheat stem rust. *Can J Microbiol* 3:861-2 O '57
 Templeman, W. G. Uses of plant growth substances. *Ann Ap Biol* 42:171-3 F '55
 Teubner, Frederick Griffith, and Murneek, Andrew Edward. Embryo abortion as mechanism of hormone thinning of fruit. (Research bul. 590) Agricultural experiment station, College of agriculture, Univ. of Mo. '55 p67-79
 Tyce, G. M. Growth substances in relation to the rooting of *salix fragilis* cuttings. *Ann Bot* 21:511-12 Jl '57
 Wright, S. T. C. Studies of fruit development in relation to plant hormones. *J Hort Sci* 31:209-11 Jl '56
 Wye college, Wye, England. Chemistry and mode of action of plant growth substances; proceedings of a symposium at [the] College, July 1955; ed. by R. L. Wain and F. Wightman, Academic press '56 incl bibliog
See also
 Auxins
 Gibberellins
 Heteroauxin
 Hormones (plants)
 Maleic hydrazide
 Tryptophan
 2-4-D (dichlorophenoxyacetic acid)
- GRUENBERG, Benjamin Charles, 1875-**
 Pruitt, C. M. Benjamin Charles Gruenberg. *Sci Educ* 41:177-9 Ap '57
- GRUNDTVIG, Nikolai Frederick Severin, 1783-1872**
 Knudsen, Johannes. Danish rebel; a study of N. F. S. Grundtvig. Muhlberg press '55 p241-2
 Nielsen, Ernest D. N. F. S. Grundtvig: an American study. *Augustana* '55 p 165-72
- GRÜNEWALD, Mathias, ca 1470-1530**
 Behling, Lottlisa. Die handzeichnungen des Mathis Gothart Nithart genannt Grünewald. H. Böhlau nachfolger '55 p 123-6
 Grünewald, Mathias. Paintings; complete ed. with two essays by J.-K. Huysmans and a catalogue by E. Ruhmer. Phaidon '58 p26
- GRUPE, Heinrich, 1873?-**
 Volkshochschule des kreises Hofgeismar. Ein leben für die schule; zum 80. geburstag von Professor Dr. h.c. Heinrich Grupe. The school '58 p 108-11
- GRÜTZMACHER, Richard Heinrich, 1876-**
 Grützmacher, Richard Heinrich. Textbuch zur deutschen systematischen theologie und ihrer geschichte vom 16. bis 20. jahrhundert; 4. aufl. neu bearb. bis in die gegenwart fortgeführt und hrsg. von Gerhard G. Muras; v 1, 1530-1934. Bertelsmann '55 p371
- GUADALUPE, Nuestra Señora de**
 Demarest, Donald, and Taylor, Coley Banks, eds. Dark Virgin, the book of our Lady of Guadalupe; a documentary anthology. Coley Taylor '56 p252-6
- GUAM**
 United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p
- GUATEMALA**
 Antiquities
 Pennsylvania. University. University museum. Tikal reports—numbers 1-4, by Edwin M. Shook [and others] (Museum monographs) Univ. of Pa. press '58 incl bibliog
 Politics and government
 Martz, John D. Communist infiltration in Guatemala. *Vantage* '56 p 118-21
 Rey, J. A. Revolution and liberation: a review of recent literature on the Guatemalan situation. *Hispan Am Hist R* 33:239-55 My '58
 Schneider, Ronald M. Communism in Guatemala, 1944-1954; with a foreword by Arthur P. Whitaker. (Pa. Univ. Foreign policy research inst. ser. no7; Praeger pubs. in Russian history and world communism, no80) Praeger '59 p323-35
- GUERRILLA warfare**
 United States. Engineer school. Library. Guerilla warfare; a bibliography. The library '56 6p
 Air force (periodical). Space weapons; a handbk. of military astronautics. Praeger
GUIDED missiles
 '59 p227-39 annot
 Benton, M. Earth satellites, guided missiles, rockets, and space flight. *Wilson Lib Bul* 32:412-19 F '58 annot
 —Supplement. *Wilson Lib Bul* 34:215-20 N '59 annot
 Berhader, D. Laboratory studies of missile re-entry aero-thermodynamics. *I S A J* 5:71 N '58
 Humphries, John. Rockets and guided missiles; with a foreword by A. D. Baxter. Macmillan '56 p207-24 annot
 —Same, 2d (corr) impression Macmillan '57 p207-25 annot
 Locke, Arthur S. Guidance; in collaboration with Charles H. Dodge [and others] (Principles of guided missile design) Van Nostrand '55 incl bibliog annot
 Merrill, Grayson, and others. Operations research, armament, launching. (Principles of guided missile design, 3) Van Nostrand '56 p200-1, 368-9
 Parson, Nels August. Guided missiles in war and peace. Harvard univ. press '56 p 153-61
 United States. Department of the army. Missiles, rockets and satellites. The department '58 5v
 United States. Department of the army. Army library. Guided missiles; a sel. list of titles. (Special bibliog. no4) The library '56 91p
 United States. Department of the army. Army library. Guided missiles, rockets and artificial satellites, including project Vanguard; a sel. list of titles. (Special bibliog. no 11) The library '57 153p
 United States. Engineer school. Library. Guided missiles and rockets; a bibliog. 1946-1956. The library '56 50p
 United States. Library of Congress. Legislative reference service. Guided missiles in foreign countries; prepared for the Com. on armed services. U.S. Senate, by Eileen Galloway. U.S. Gov. ptg. office '57 p58-62
 Zucrow, Maurice Joseph. Aircraft and missile propulsion. Wiley '58 incl bibliog
- GUILDS. See Guilds**
- GUINEA, French. See French Guinea**
- GUINEA pigs**
 Fuchs, Fritz. Studies on the passage of phosphate between mother and foetus in the guinea pig. *Munksgaard* '57 p 116-25
 United States. National institutes of health. Laboratory of nutrition and endocrinology. Guinea pig in research: biology, nutrition, physiology; by Mary Elizabeth Reid. (Pub. no557) Human factors research bur. '58 p71-87

GUIPÚZCOA, Spain

History

Arocena Arregui, Fausto. *Brumas de nuestra historia*. (Monografías vascongadas, no 10) Biblioteca vascongada de los amigos del país '52 p 106-10

GÜIRALDES, Ricardo, 1886-1927

Echegaray, Aristóbulo. *Don Segundo Sombra, reminiscencia infantil de Ricardo Güiraldes*. (Grandes escritores argentinos. Ensayos, v 1) Ediciones Doble P '55 p 103-6

GUIZOT, François Pierre Guillaume, 1787-1874

O'Connor, Mary Consolata. *Historical thought of François Guizot*. Catholic Univ. of Am. press '55 p86-91

GUJARATI manuscripts. See Manuscripts, Gujarati

GULF of Mexico

Galtsoff, Paul Simon. *Gulf of Mexico: its origin, waters, and marine life; prepared by Am. scientists*. (U.S. Fish and wildlife service. Fishery bul. 89) U.S. Gov. ptg. office '54 incl bibliog

GULF stream

Leip. Hans. *River in the sea; tr. from the German by H. A. Piehler and K. Kirkness*. Putnam '58 p215-16

Stommel, Henry. *Gulf stream; a physical and dynamical description*. Univ. of Calif. press '58 p 186-97

GUMS

Diseases

See also

Periodontia

GUMS and resins

See also

Balata

GUMS and resins, Synthetic. See Resinous products

GUNS. See Firearms; Rifles

GUPIES

Whitney, Leon Fradley and Hahnel, Paul. *All about guppies; a practical science book*. Practical science '55 p 119-28

GUSTAVUS III, king of Sweden, 1746-1792

Hennings, Beth. *Gustaf III, en biografi*. Norstedt '57 p330-48

GUTIÉRREZ NÁJERA, Manuel, 1859-1895

Contreras García, Irma. *Indagaciones sobre Gutiérrez Nájera*. (Ed. Metáfora, 2) The author '57 p 152-73

Gómez Baños, Virginia. *Bibliografía de Manuel Gutiérrez Nájera, y cuatro cuentos inéditos*. The author '58 88p

GUTTERIDGE, Harold Cooke, 1876-1953

Hamson, C. J. *Publications of professor H. C. Gutteridge*. Int Comp Law Q 3:386-92 J1 '54

GYLLENSTIERNA, Johan, greve, 1635-1680

Rystad, Göran. *Johan Gyllenstierna, rådet och kungamakten; studier i Sveriges inre politik, 1660-1680*. (Bibliotheca historica lundensis, 2) Gleerup '55 p314-23

GYMNASTICS, Medical

Licht, Sidney Herman, ed. *Therapeutic exercise [by Christian Coers and others]* (Physical medicine lib. v3) E. Licht '58 incl bibliog

GYMNOSPERMS

Khosshoo, T. N. *Polyploidy in gymnosperms*. Evolution 13:36-9 Mr '59

See also

Cycads

GYNECOLOGY

London. Royal college of obstetricians and gynecologists. *Library. Catalogue of the library up to 1850*. The college '56 73p

Lowrie, Robert J. ed. *Gynecology*. Thomas '52-'55 2v incl bibliog

Obstetrical & gynecological survey. Williams & Wilkins. See numbers

Obstetrics and gynecology [by] J. Robert Willson [and others] Mosby '58 incl bibliog

Procházková, Marta. *Bibliographia bohemoslovenica gynaecologica-obstetricia atque oncologica annorum 1945-1955*. (Publicatio) Institutum documentationis medicae '55 410p

Rubin, Isidor Clinton, and Novak, Josef. *Integrated gynecology; principles and practice*. McGraw '56 3v incl bibliog

See also

Obstetrics

GYPSUM

Burwell, A. L. *Investigation of industrial possibilities of Oklahoma gypsum and anhydrite*. (Min. rep. 29) Okla. Geological survey '55 p 19-21

South Australia. Geological survey. *Department of mines. Gypsum*. (Abstract bul. no8) The department '56 3p annot

H

HAACK, Hermann, 1872-

Lautensach, Hermann, and Fischer, Hans Richard, eds. *Kartographische studien; Haack-festschrift*. (Petermanns geographische mitteilungen. Ergänzungsheft no264) Haack '57 p323-5

HABEAS corpus

United States. Department of the army. *Army library*. Selected list of references on martial law including habeas corpus, when related thereto. The library '53 12p

HABIT

See also

Instinct

Retention (psychology)

HACKETT, Charles Wilson, 1888-1951

Texas. University. Institute of Latin American studies. *Essays in Mexican history; the Charles Wilson Hackett memorial volume*; Thomas E. Cotner, and Carlos E. Castañeda, editors. [Bibliog. by C. C. Cumberland] The institute '58 p271-7

HADERSLEV, Denmark

Christensen, Olav. *Litteratur om Haderslev*. (Skrifter, no 1) Haderslev. Byhistoriske arkiv '56 166p

HAGENBACH-AMON, August, 1871-1955

Huber, P. *August-Hagenbach-Amon 1871-1955*. Natur Ges Basel Verh 66:199-203 D '55

HAGIHARA, Yūsuke, 1897-

Hagihara, Yūsuke. *Stability in celestial mechanics; jubilee pub. in commemoration of the sixtieth birthday of Professor Yūsuke Hagihara by his friends and pupils*. Kaisai pub. & ptg. co. '57 p iii-x

HAIL insurance. See Insurance, Agricultural

HAIR

Conference on the biology of hair growth, London, 1957. *Biology of hair growth*, ed. by William Montagna, [and] Richard A. Ellis. Academic press '58 incl bibliog

Lyne, A. G. and Heideman, M. J. *Pre-natal development of skin and hair in cattle (bos taurus L.)*. Australian J Biol Sci 12:92-4 F '59

HAIR follicles. See Follicles

HAITI

Pattee, Richard. *Haiti, pueblo afroantillano*. (Col. Pueblos hispánicos; sangre de Hispania fecunda, 3) Ediciones Cultura hispánica '56 p419-46

Description and travel

Wilson, Ruth (Danenhower). *Here is Haiti*. Philosophical lib. '57 p201-4

Garde d'Haiti

McCrocklin, James H. *Garde d'Haiti, 1915-1934; twenty years of organization and training by the U.S. marine corps*. U.S. naval inst. '56 p254-6

History

Moran, Charles. *Black triumvirate; a study of Louverture, Dessalines, Christophe—the men who made Haiti*. Exposition '57 p 159-60 annot

HAITIAN literature

Handbook of Latin American studies, no 18[20] Univ. of Fla. press '55-'58 3v no 18, p222-4; no 19, p290-3; no20, p276-7 annot

HAJDÚ-BIHAR, Hungary

Béres, András, and Módy, György. *A hajduság történetének és néprajzának irodalma (források tanulmányok, cikkek)* (Álföld füzetek, 3) Állami Déri muzeum '56 51p

HALBWACHS, Maurice, 1877-1945

Halbwachs, Maurice. *Esquisse d'une psychologie des classes sociales; avec une notice sur l'auteur par Georges Friedmann*. (Petite bibliothèque sociologique int. Sér B: Les classiques de la sociologie, 2) Rivière '55 p25-8

—Same; with title: *Psychology of social class*; tr. by Claire Delavenay; with an introd. by Georges Friedmann. (Heinemann bks. on sociology) Heinemann '58 p 138-40

- HALL, Arthur Lewis, 1872-1955**
Haughton, S. H. Arthur Lewis Hall, 1872-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 145-8)
- Haughton, S. H. Memorial to Arthur Lewis Hall (1872-1955)** Geol Soc Am Proc 1956: 138-40 S '57
- Nel, L. T. Arthur Lewis Hall. Geol Soc S Africa Trans 58:7-11 '55**
- HALLER, Albrecht von, 1708-1777**
Stäuble, Eduard. Albrecht von Haller Über den ursprung des übels. (Zürcher beiträge zur deutschen literatur- und geistesgeschichte, no3) Atlantis verlag '53 p207-9
- HALLER, Gottlieb Emanuel von, 1735-1786**
Haeberli, H. Gottlieb Emanuel von Haller, ein Berner historiker und staatsmann im zeitalter der aufklärung, 1735-1786. Hist Verein Kantons Bern Archiv 41 no 2:316-29 '52
- HALLOWELL, Alfred Irving, 1892-**
Hallowell, Alfred Irving. Culture and experience. (Philadelphia anthropological soc. Pubs, v4) Univ. of Pa. press '55 p430-4
- HALLSTATT, Austria**
History
Morton, Friedrich. Hallstatt und die Hallstattzeit; viertausend jahre salzkultur, mit einem ausblick auf die weiteren schicksale Hallstatts bis zur gegenwart. Verlag des Musealvereines '53 p 118-22
- HALLSTATT period**
Morton, Friedrich. Hallstatt und die Hallstattzeit; viertausend jahre salzkultur, mit einem ausblick auf die weiteren schicksale Hallstatts bis zur gegenwart. Verlag des Musealvereines '53 p 118-22
- HALLSTRÖM, Jonas, 18th cent**
Bring, S. E. Jonas Hallström. En adelsmans tankar och Den gräfwande embetsmannen. Nordisk Tids Bok & Bib 43 no2:77-80 '56 annot
- HALOGENATION**
McBee, E. T. and others. Halogenation. Ind & Eng Chem 47:1881-2; 48:1616-20; 49:1516-17; 50:1363-4 S '55, S '56, S '57, S '58
- HALOPHILIC bacteria. See Bacteria, Halophilic**
- HAM**
Mahon, P. and others. Quality of smoked ham as affected by adding antibiotic and fat to the diet and phosphate to the cure. Food Tech 10:271-2 Je '56
- HAMANN, Johann Georg, 1730-1788**
Die Hamann-forschung; Einführung von Fritz Blanke; Geschichte der deutungen von Karlfried Gründer; Bibliographie von Lothar Schreiner. (Johann Georg Hamanns hauptschriften erklärt, v 1) Bertelsmann '56 184p
- HAMBURG**
Bücherkunde zur hamburgischen geschichte; teil 2, Verzeichnis des schrifttums der jahre 1938-1954 mit nachträgen zum ersten teil; im auftrage des Vereins für hamburgische geschichte hrsg. von Anneliese Tecke. Christians '56 212p
- HAMERLING, Robert, 1830-1889**
Ritzer, W. Robert-Hamerling bibliographie; eine geisteswissenschaftliche dokumentation. Biblos 7 no3:144-60 '58 annot
- HAMILTON, Alexander, 1757-1804**
Hacker, Louis Morton. Alexander Hamilton in the American tradition. McGraw '57 p264-6 annot
Hall, Margaret Esther, ed. Alexander Hamilton reader; a compilation of materials by and commenting on Hamilton. (Docket ser, no9) Oceana '57 p241-3
Mitchell, Broadus. Alexander Hamilton; v 1, Youth to maturity, 1755-1788. Macmillan '57 p647-66
Schachner, Nathan. Alexander Hamilton. Yoseloff '57 p473-81
United States. Artillery and guided missile school. Fort Sill, Oklahoma. Library. Alexander Hamilton. artilleryman; a sel. bibliography. (Special bibliog. no 12) The library '57 4p
- HAMILTON, Eugene Lee-. See Lee-Hamilton, E.**
- HAMILTON, William, 1704-1754**
Bushnell, Nelson Sherwin. William Hamilton of Bangour, poet and Jacobite. Aberdeen univ. press '57 p 150-3
- HAMMERSHØI, Vilhelm, 1864-1916**
Vad, Poul. Vilhelm Hammershøi. (Kunst i Danmark) Gyldendal '57 p79-81
- HAMSTERS**
Kourist, W. Das haarkleid des hamsters. Halle Univ Wiss Z Math Naturw Reihe 6: 436-4 Je '57
Oser, B. L. and Oser, M. Response of hamsters to a natural-type diet containing emulsifiers. Food Res 22:285-6 My '57
- HAMSNUN, Knut, 1859-1952**
Braatoy, Trygve Frøyland. Livets cirkel; bidrag til analyse av Knut Hamsuns diktning; med et forord av Sigurd Hoel. 2d ed J. W. Cappelen '54 p261-4
- HANCE, James Harold, 1880-1955**
Culver, H. E. Memorial to James Harold Hance. Geol Soc Am Proc 1957:125 '58
- HAND**
See also
Fingers
Left- and right-handedness
Abnormities and deformities
Barsky, Arthur Joseph. Congenital anomalies of the hand and their surgical treatment. (Am. lecture ser, no311) Thomas '58 p 144-56
Surgery
Barsky, Arthur Joseph. Congenital anomalies of the hand and their surgical treatment. (Am. lecture ser, no311) Thomas '58 p 144-56
- HÄNDEL, Georg Friedrich, 1685-1759**
Larsen, Jens Peter. Handel's Messiah; origins, composition, sources. Norton '57 p325-7
Weinstock, Herbert. Handel. 2d ed rev Knopf '59 p325-8
- HANDICAPPED**
National society for crippled children and adults. Library. Brief checklist of available publications relating to architectural planning for the physically handicapped. rev ed (Architectural planning bul. 2) The library '55 3p
Neuschutz, Louise (Morgenstern). Vocational rehabilitation for the physically handicapped; forewords by Winthrop M. Phelps and K. Vernon Banta. Thomas '59 incl bibliog
See also
Blind
Children, Handicapped
Cripples
Deaf
Mentally handicapped
Biography
National society for crippled children and adults. Library. Selection of recent books about handicapped persons; a checklist of popular fiction and biography. The library '55 9p
—Same. rev ed The library '57 10p
Employment
Adelphi college, Garden city, N.Y. Some social factors in job placement and community life as seen in two industrial plants on eastern Long Island; a research project of the Graduate div. of [the] College; first interim rep, June 16, 1956. The college '56 p 182-96
National association of manufacturers. Employee relations division. Guide for employers in hiring the physically handicapped; successful techniques for utilizing the abilities of the handicapped through sound placement on the job. The association '55 p29
National society for crippled children and adults. Library. Employment of the physically handicapped. rev ed The library '55 10p annot
United States. Library of Congress. General reference and bibliography division. Employment of the physically handicapped; a bibliog. comp. by Joan A. Donnelly. U.S. Gov. pbs. office '57 93p annot
Fiction
National society for crippled children and adults. Library. Selection of recent books about handicapped persons; a checklist of popular fiction and biography. The library '55 9p
—Same. rev ed The library '57 10p

HANDICAPPED—Continued

Periodicals

National society for crippled children and adults. Library. Selected list of periodicals that publish articles concerning the handicapped. Rev ed The library '57 9p

HANDICRAFT

Benson, Kenneth R. Creative crafts for children. Prentice-Hall '58 p 105-6

Brown, Mamie E. Elementary handicrafts for elementary schools; projects for unit teaching. (Exposition-univ. bk) Exposition '56 p97-104 annot

Hull, Opal. Creative crafts for churches. Warner press '58 p59-63

Norbeck, Oscar E. Book of Indian life crafts. Assn. press '58 p241-6

Rassegna bibliografica sull'artigianato. Produttività 8:799-800 Ag '57

United States. International cooperation administration. Office of industrial resources. Selected bibliographies on manual industry methods and equipment. (Small industry ser; Cottage industries bul. no6) The office '56 54p

See also

Do-it-yourself projects
Weaving

HANDWRITING. See Graphology; Penmanship

HANNIBAL, 247-183 B.C.

De Beer, Sir Gavin Rylands. Alps and elephants; Hannibal's march. Dutton '56 p 111-12

HANSTRÖM, Bertil, 1891-

Wingstrand, Karl Georg, ed. Bertil Hanström; zoological papers in honour of his sixty-fifth birthday, November 20th, 1956. Zoological inst, Lund '56 p20-5

HAPPINESS

See also

Joy and sorrow
Pleasure

HARBORS

Johnson, J. W. Littoral drift problem at shoreline harbors. Am Soc Civil Eng Proc 83 [WW 1 no 1211]:34-7; 84 [WW3 no 1653]: 5-7 Ap '57, My '58

Press, Heinrich. Wasserstrassen und häfen; v 1. Binnenwasserstrassen und binnenhäfen. Ernst '56 p483-94

Task, P. Geology of some American estuarine harbors. Am Soc Civil Eng Proc 82 [HY 2 no 956]:11-12 Ap '56

See also

Free ports and zones

HARD facing. See Metal finishing

HARD rubber. See Ebonite

HARDBOARD. See Fiber board

HARDIN, Bayless Evans, 1912-1956

Fowler, G. L. Bayless E. Hardin, 1912-1956. Ky Hist Soc Reg 54:199-202 Jl '56

HARDINESS in plants. See Plants—Hardiness

HARDNESS

Westbrook, J. H. Temperature dependence of hardness of secondary phases common in turbine bucket alloys. J Metals 9:904 Jl '57

Testing

Industrial diamond information bureau. Bibliography: hardness and hardness testing from 1937 to 1955. The bureau '56 118p

HARDWARE disease. See Gastritis, Traumatic

HARDY, Arthur Cobb, 1895-

Arthur C. Hardy, Frederic Ives medalist for 1957. Opt Soc Am J 48:31 F '58

HARDY, Thomas, 1840-1928

Brown, Douglas. Thomas Hardy. (Men and bks) Longmans '54 p 183-92

Yamamoto, Bunnosuké. Bibliography of Thomas Hardy in Japan; with reference bks. in England and America, outlines of his principal works. Shinozaki Shorin '57? 294p

HARELIP

American public health association. Committee on child health. Services for children with cleft lip and cleft palate; a guide for public health personnel. The association '55 p82-3

HARLEQUIN

Niklaus, Thelma. Harlequin; or, The rise and fall of a Bergamask rogue. Braziller '56 p251-2

HARMONIC analysis

Ficken, F. A. Some uses of linear spaces in analysis. Am Math Mo 66:275 Ap '59

Reinhart, B. L. Harmonic integrals on almost product manifolds. Am Math Soc Trans 83:275-6 My '58

Riesz, Frigyes, and Nagy, Béla S. Leçons d'analyse fonctionnelle. Akadémiai kiadó '53 p441-9

—Same; with title: Functional analysis; tr. from the 2d French ed. by Leo F. Boron. Ungar '55 p447-56

Titchmarsh, Edward Charles. Eigenfunction expansions associated with second-order differential equations. Oxford '46-'58 2v v 1, p 172-5; v2, p385-404

HARMONIC functions

Bramble, J. H. Continuation of biharmonic functions across circular arcs. J Math & Mech 7:923-4 N '58

See also

Bessel's functions
Fourier's series
Harmonic analysis

HARNEY, George Julian, 1817-1897

Schoyen, Albert Robert. Chartist challenge; a portrait of George Julian Harney. (Kingswood social history ser) Macmillan '58 p287-94

HARRIMAN, Florence Jaffray (Hurst) 1870-

United States. Library of Congress. Manuscript division. Florence Jaffray Harriman; a register of her papers in the Library. The division '58 10p

HARRIS, Bernice (Kelly) 1894-

Walser, Richard Gaither. Bernice Kelly Harris; storyteller of eastern Carolina. (Lib. extension pub. v20, no2) Univ. of N.C. lib '55 p53

HARRIS, Gilbert Dennison, 1864-1952

Palmer, Katherine Evangeline Hilton (Van Winkle). Memorial (1864-1952) Gilbert Dennison Harris. (Buls. of Am. paleontology, v35, no 146) Paleontological research inst. '53 p21-3

HARRIS, Joel Chandler, 1848-1908

Atlanta. Public library. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of a private collector; ser7, Joel Chandler Harris: folklore in the deep South. The library '55 147-59p annot

HARRISON, Benjamin, 1833-1901

Sievers, Harry Joseph. Benjamin Harrison; v2, Hoosier statesman; from the Civil war to the White House, 1865-1888. Univ. pubs. '59 p433-48 annot

HART county, Kentucky

Jillson, Willard Rouse. Bibliography of Hart county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, cartography, coal, oil, and gas, with annot, 1784-1955. Anderson press '55 28p

HARTENSTEIN, Karl Wilhelm, 1894-1952

Metzger, Wolfgang, ed. Karl Hartenstein; ein leben für kirche und mission; in gemeinschaft mit einem kreis von freunden hrsg. Evangelischer missionsverlag '53 p363-6

HARTLEY, Sir Percival, 1881-1957

Dale, H. H. Percival Hartley, 1881-1957. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p97-100)

HARTMANN, Nicolai, 1882-1951

Barone, Francesco. Nicolai Hartmann nella filosofia del novecento. (Biblioteca di filosofia, 14) Edizioni di filosofia '57 p397-431

Baumann, Willibald. Das problem der finalität im organischen bei Nicolai Hartmann. (Monographien zur philosophischen forschung, v 16) Hain '55 p 143-6

HARTREE, Douglas Rayner, 1897-1958

Darwin, C. G. Douglas Rayner Hartree. (In Royal society of London. Biographical memoirs of the fellows of the Royal society, 1958. The society '58 p 112-16)

HARTUNG, Fritz, 1883-

Dietrich, Richard, and Oestreich, Gerhard, eds. Forschungen zu staat und verfassung; festgabe für Fritz Hartung [biblog. by W. Schochow] Duncker & Humblot '58 p537-8

HARVARD university

Fiction

Ball, H. V. Harvard fiction; some critical and bibliog. notes. Am Antiq Soc Proc 68: no2:211-347 '59 annot

HARVARD university—Continued

Graduate school of business
administration

Harvard university. Graduate school of business administration. Baker library. Bibliography of writings about the Harvard business school, 1908-1958; comp. by Robert W. Lovett. (Archives bibliog. no2) The library '58 81p

Library

Metcalf, Keyes De Witt. Report on the Harvard university library; a study of present and prospective problems. Harvard univ. lib. '55 p 127-31

HARVEY, William, 1578-1657

Chauvois, Louis. William Harvey, 1578-1657, sa vie et son temps, ses découvertes, sa méthode. Soc. d'édition d'enseignement supérieur '57 p249-51

—Same; with title: William Harvey: his life and times, his discoveries, his methods; foreword by Sir Zachary Cope. Philosophical lib. '57 p265-6

Hunter, R. A. and Macalpine, I. William Harvey: his neurological and psychiatric observations. J Hist Med 12:138-9 Ap '57

Krumbhaar, E. B. Thoughts on bibliographies and Harvey's writings. J Hist Med 12:235-40 Ap '57 annot

Mauer, E. F. Harvey in London. Bul Hist Med 33:35-6 Ja '59

Well, E. Echo of Harvey's De motu cordis (1628) 1628-1657. J Hist Med 12:167-74 Ap '57

HASSELWANDER, Albert, 1877-1954

Pratje, A. Albert Hasselwander. Anat Anz 103:149-52 Ag '55

HATCHING. See Incubation

HATTUM, Jacques van, 1900-

Liber amicorum Jac. van Hattum [10 februari 1955; redactie: Gerard den Erabander, pseud, et al] De Beuk '55 p83

HAUG, Emile, 1861-1927

Lutaud, L. Emile Haug. Soc Géol France Bul 8:389-96 D '58

HAUTMANN, Gerhart Johann Robert, 1862-1946

Fischer, Gottfried. Erzählformen in den werken Gerhart Hauptmanns, unter besonderer berücksichtigung der zeit- und raumgestaltung. (Abh. zur kunst-, musik- und literaturwissenschaft, v2) Bouvier '57 p545-60

Shaw, Leroy Robert. Witness of deceit; Gerhart Hauptmann as critic of society. (Calif. Univ. Pubs. in modern philology, v50) Univ. of Calif. press '58 p 123-6

HAVLIČEK Borovský, Karel. See Havlíček, K.

HAVLIČEK, Karel, 1821-1856

Seehase, I. Karel Havlíček Borovský, 1856. Z Slawistik 2 no3:431-6 '57

HAVRÁNEK, Bohuslav

Ceskoslovenská akademie věd. Sekce jazyka a literatury. K sedesátým narozeninám akad. Bohuslava Havránka (Studie a práce lingvistické. 1) Nakl. Československé akad. věd '54 p529-51

HAWAIIAN ISLANDS

Hawaii library association. Hawaiiana section. Current Hawaiiana. The association. See numbers

Introduction to Hawaiiana. Top News 16:13-18 O '59 annot

Smith, Bradford. Yankees in paradise; the New England impact on Hawaii. Lippincott '56 p348-57 annot

United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p

HAY

Wakefield, R. C. and others. Survey of hay quality in New Jersey. (Bul. 784) N.J. agricultural experiment station. Rutgers univ. '57 p30-2

See also

Alfalfa

HEAD

Wedin, Bertil. Embryonic segmentations in the head; studies on the development of the vertebrate head. The author '55 p 109-14

See also

Brain

Ear

Radiography

Krogman, Wilton Marion, and Sassouni, Vicken. Syllabus in roentgenographic cephalometry. Philadelphia center for research in child growth '57 p341-63

Surgery

Gurdjian, Elisha Stephens, and Webster, John Elliott. Head injuries; mechanisms, diagnosis, and management. Little '58 incl bibliog

Wounds and injuries

Gurdjian, Elisha Stephens, and Webster, John Elliott. Head injuries; mechanisms, diagnosis, and management. Little '58 incl bibliog

HEADACHE

Bues, Elmar Ernst. Formen des posttraumatischen kopfschmerzes; der neuralgische schmerz; mit einem vorwort von R. Wanke. Thieme '56 p 107-11

Heyck, Hartwig. Der kopfschmerz; differentialdiagnostik und therapie für die praxis; mit einem geleitwort von H. Krayenbühl. Thieme '58 incl bibliog

HEALTH. See Hygiene

HEALTH education

American association for health, physical education and recreation. Research council. Thesis abstracts committee. Thesis abstracts in health, physical education, and recreation. 1954-55:1-1956-57 Univ. of Ill. '56?-'58? 2v

Bernart, Emanuel. Heilpädagogik in volks- und sonderschule; psychologische praxis. Reinhardt '57 p2/2-82

Completed research in health, physical education, recreation, 1958. (V 1) Research council, Am. assn. for health, physical education & recreation '59 60p

Harnett, Arthur, and Shaw, John Howard. Effective school health education. Appleton '59 incl bibliog

LeFevre, John R. and Boydston, Donald N. Annotated guide to free and inexpensive health instruction materials. Southern Ill. univ. press '59 71p annot

McNeely, Simon August, and Pelley, Albert L. Health, physical education, athletics, safety, and outdoor education in the junior high school; some representative references. (Circ. no432) U.S. Office of education '55 15p

Mayshark, C. Critical analysis of attitude measurement in health education, 1927-57. Res Q 29:318-19 O '58

National conference on college health education, Washington, D.C. 1956. Forward look in college health education, report. Am. assn. for health, physical education & recreation '56 p36-42

Redman, A. B. Classified list of current periodicals in the fields of athletics, health, physical education, and sports published in the United States and Canada. Phys Educ 13:14-18, 54-9 Mr-May '56

Research abstracts. See numbers of Research quarterly

United Nations educational, scientific and cultural organization. Health education; a sel. bibliog. prepared by the World health organization. 2d ed (Educational studies and docs, no 19) UNESCO '56 45p annot

Westcott, Howard E. Guide to teaching materials in elementary health education. Chandler '59 32p

HEALTH insurance. See Insurance, Health

HEARING

Berg, Karl. Toxic effect of streptomycin on the vestibular and cochlear apparatus; an experimental study on cats. (Sup97) Acta oto-laryngologica '51 p45-9

Bibliography for Project on delayed auditory feedback by Samuel Sutton [and others] Dept. of psychiatry, College of physicians & surgeons, Columbia univ. '56 25p

Goldstein, R. Detection and assessment of auditory disorders in children less than three years old; a critical review. Volta R 57:218-19 My '55

Irwin, Ruth (Beckey). Speech and hearing therapy. Prentice-Hall '53 incl bibliog

Jepsen, Otto. Studies on the acoustic stapedius reflex in man; measurements of the acoustic impedance of the tympanic membrane in normal individuals and in patients with peripheral facial palsy; tr. from Danish by A. Rousing. Universitetsforlaget 1 Aarhus '55 p 111-16

HEARING—Continued

- United States. National library of medicine. Effects of jet aircraft noise on hearing; a list of references comp. by Tordis O. Vatshaug. The library '56 7p
 Zwicker, E. Die elementaren grundlagen zur bestimmung der informationskapazität des gehörs. *Acustica* 6:381 N '56

See also

Auditory stimuli
 Deafness

Testing

- Hahlbrock, Karl Heinz. Sprachaudiometrie; grundlagen und praktische anwendung einer sprachaudiometrie für das deutsche sprachgebiet; mit einem geleitwort von F. Zöllner. Thieme '57 p 178-82
 Lowell, E. L. and others. Evaluation of pure tone audiometry with preschool age children. *J Speech & Hear Dis* 21:301-2 S '56
 Yantis, P. A. Audiologic examination of the inner ear: the aural-overload test. *J Speech & Hear Dis* 21:312 S '56

HEARINGS, Legislative. See Legislative hearings

HEART

- Foxon, G. E. H. Problems of the double circulation in vertebrates. Cambridge Philos Soc Biol R 30:226-8 My '55
 Jones, J. C. Effects of drugs on anopheles heart rates. *J Exp Zool* 133:586-8 D '56
 Jones, J. C. Effects of salts on anopheles heart rates. *J Exp Zool* 133:142-4 O '56
 Kienle, Franz. Der menschliche herzschlag; neue forschungsergebnisse. Weidlich '58 p 105-14
 Kisch, Bruno, and others. Comparative direct electrography of the heart of vertebrates. (Fordham univ. Science ser, no 1) Fordham univ. press '52 p44-50
 Krijgsman, B. J. Contractile and pacemaker mechanisms of the heart of tunicates. Cambridge Philos Soc Biol R 31:310-12 Ag '56
 Meyling, H. A. and Ter Borg, H. Conducting system of the heart in hoofed animals. *Cornell Vet* 47:445-7 Jl '57
 Schütz, Erich. Physiologie des herzens. (Lehrbuch der physiologie) Springer '58 p519-27
 Sippel, T. O. Growth of succinoxidase activity in the hearts of rat and chick embryos. *J Exp Zool* 126:220-1 Jl '54
 Sippel, T. O. Properties and development of cholinesterase in the hearts of certain vertebrates. *J Exp Zool* 128:182-4 F '55
 Wilens, S. Migration of heart mesoderm and associated areas in *amblystoma punctatum*. *J Exp Zool* 129:600-2 Ag '55

Abnormalities and deformities

- Edwards, L. F. and Eglitis, I. Unusual case of congenital heart anomaly in a woman aged twenty-five years. *Ohio J Sci* 56:236 Jl '56
 Stockholm, Karolinska sjukhuset. Barnkliniken. Diagnosis of congenital heart disease; a clinical and technical study by the cardiologic team of the pediatric clinic. Sven R. Kjellberg [and others] Year bk. pubs. '55 p630-42

Diseases

- Arvidsson, Håkan. Angiocardiographic observations in mitral disease, with special reference to volume variations in the left atrium. (Sup 158) *Acta radiologica* '58 p 118-23
 Askey, John Martin. Systematic arterial embolism; pathogenesis and prophylaxis. (Modern medical monographs, 14) Grune '57 p 139-53
 Björkelund, Christopher Juel. Effect of long term treatment with dicoumarol in myocardial infarction; a controlled clinical study. (Sup330) *Acta medica scandinavica* '57 p206-12
 Burstein, Josef. Myocardial infarction; acute course and prognosis in one hundred and twenty-seven cases of varied extent and localization electrocardiographically determined with the aid of multiple unipolar leads. (Sup285) *Acta medica scandinavica* '53 p72-5
 Chicago heart association. Pulmonary circulation; an int. symposium, 1958; ed. by Wright R. Adams and Ilza Veith. Grune '59 incl bibliog

- Ekvall, Sven. Cardiac infarcts; treated in the Dept. of medicine of the Umeå Central hospital, 1939-1950, with viewpoints on the problems of cardiac infarct. (Skrifter, 2) Vetenskapsliga biblioteket i Umeå '55 p 140-3

- Lown, Bernard, and Levine, Harold David. Atrial arrhythmias, digitalis and potassium. *Landsberger medical bks.* '53 p209-22
 Pohndorf, R. H. Cholesterol studies: a review. *Res Q* 29:190-2 My '58

- Rossi, Ettore. Herzkrankheiten im säuglingsalter; mit einem geleitwort von Guido Fanconi. Thieme '54 incl bibliog
 Schneider, Daniel Edward. Image of the heart and the principle of synergy in the human mind. Int. univ. press '56 p263-7
 Schumann, Heinrich. Der muskelstoffwechsel des herzens; seine physiologie, pathologie und klinik. (Kreislauf-bücherei, v 10) Steinkopff '50 p 123-48

- Selye, Hans. Chemical prevention of cardiac necroses. Ronald '58 p 172-94
 Soulié, Pierre. Cardiopathies congénitales; avec la collaboration de J. Baillet [et al] préf. du professeur Robert Debré. 2d ed Expansion scientifique française '56 p431-48
 Spang, Konrad. Rhythmusstörungen des herzens; systemik, ursache und klinische bedeutung; therapie; mit beiträgen: Die morphologie des reizleitungssystems, ihre orthologie und pathologie von W. Doerr [und] Physiologie der herzirregularitäten, von W. Trautwein. Thieme '57 incl bibliog '58

- Thompson, C. W. and Flynn, W. New health education implications in the association of smoking, lung cancer, and heart disease. *Res Q* 27:443-5 D '56

- Tourniaire, André, and others. Le cœur pulmonaire aigu dans l'embolie pulmonaire; avec la collaboration de Pierre Marion; préf. du professeur R. Leriche. Expansion scientifique française '56 p 161-88

- Walker, A. R. P. and Grusin, H. Coronary heart disease and cerebral vascular disease in the South African Bantu. *Am J Clin Nutrition* 7:269-70 My '59

- Zukel, W. J. and others. Cardiovascular disease programs for the community. *Pub Health Rep* 71:432-5 My '56

See also

Angina pectoris
 Endocarditis
 Heart failure

Diagnosis

- Holldack, Klaus, and Wolf, Dieter. Atlas und kurzgefasstes lehrbuch der phonokardiographie und verwandter untersuchungsmethoden; mit einem geleitwort von K. H. Bauer und einer technischen einföhrung von F. Schwarzer. 2d rev & enl ed Thieme '58 p 167-72

- Sigler, Louis Harry. Electrocardiogram; its interpretation and clinical application. 2d ed rev Grune '57 incl bibliog

- Stockholm, Karolinska sjukhuset. Barnkliniken. Diagnosis of congenital heart disease; a clinical and technical study by the cardiologic team of the pediatric clinic. Sven R. Kjellberg [and others] Year bk. pubs. '55 p630-42

See also

Angiocardiography
 Ballistocardiography
 Electrocardiography

Muscle

- Schumann, Heinrich. Der muskelstoffwechsel des herzens; seine physiologie, pathologie und klinik. (Kreislauf-bücherei, v10) Steinkopff '50 p 123-48

Sounds

- McKusick, Victor A. Cardiovascular sound in health and disease; being a comprehensive treatise, introd. by a historical survey, il. mainly by sound spectrograms (spectral phonocardiograms) and sup. by an extensive bibliography; with a sec. on respiratory sound. Williams & Wilkins '58 p507-53

- McKusick, V. A. and others. Exhibition on the history of cardiovascular sound including the evolution of the stethoscope. *Bul Hist Med* 31:463-87 S '57

Surgery

- Bailey, Charles Philamore. Surgery of the heart. Lea '55 incl bibliog

HEART—Surgery—Continued

- Friedberg, C. K. Progress in cardiac surgery: general survey—indications for surgery, surgical risk and results. *Prog Cardiovascular Diseases* 1 no 1:22-7 '58
- Gibson, J. H. and Templeton, J. Y. Current status of pump oxygenators in cardiac surgery and persistent problems in their use. *Prog Cardiovascular Diseases* 1 no 1:64-5 '58
- Senning, Ake. Ventricular fibrillation during extracorporeal circulation used as a method to prevent air-embolisms and to facilitate intracardiac operations. (Sup 171) *Acta chirurgica scandinavica* '52 p72-9

Wounds and injuries

- Boas, Ernst Philip. Cardiac injury resulting from effort or trauma: clinical & legal aspects. The author '55 p 107-13

HEART failure

- Stephenson, Hugh E. Cardiac arrest and resuscitation. Mosby '58 p319-71

HEART of Jesus, Devotion to. See Sacred Heart, Devotion to**HEAT**

- Stanford research institute, Stanford university. Proceedings of the symposium on High temperature—a tool for the future, Berkeley, California, June 25, 26, 27, 1956. The university '56 incl bibliog

See also

- Aerodynamics, Supersonic—Heating effect
- Combustion
- Expansion (heat)
- Quenching
- Temperature
- Thermochemistry
- Thermodynamics
- Thermoelectricity
- Thermometers and thermometry

Conduction

- DeVries, D. A. On the integration of the heat-conduction equation with periodic variation of temperature. *J Meteorol* 14:76 F '51
- Kowalczyk, L. S. Thermal conductivity and its variability with temperature and pressure. *Am Soc Mech Eng Trans* 77:1033-4 O '55
- Krischer, Otto, and Kröll, Karl. *Trocknungstechnik*. Springer '56 p390-5
- Woodside, W. Probe for thermal conductivity measurement of dry and moist materials. *Heating Piping* 30:170 S '58

Physiological effect

- Baker, P. T. Biological adaptation of man to hot deserts. *Am Natur* 92:353-4 N '58

See also

- Bacteria, Effect of heat on

Transmission

- Bartz, D. R. Approximate solution of compressible turbulent boundary-layer development and convective heat transfer in convergent-divergent nozzles. *Am Soc Mech Eng Trans* 77:1243-4 N '55
- Boni, F. Design of a liquid metal heated bayonet tube steam generator. *Am Soc Naval Eng J* 70:243 My '58
- Brown, Aubrey Ingerson, and Marco, Salvatore Michael. Introduction to heat transfer. 3d ed McGraw '58 incl bibliog
- Cornell aeronautical laboratory, incorporated, Buffalo. Heat transfer in miniaturized electronic equipment. *Bur. of ships, Navy dept.* '55 p63-85
- Deissler, R. G. and Loeffler, A. L. Heat transfer and friction for fluids flowing over surfaces at high temperature and high velocities. *Am Soc Mech Eng Trans serC*, 81:90-1 F '59
- Eckert, E. R. G. Engineering relations for heat transfer and friction in high-velocity laminar and turbulent boundary-layer flow over surfaces with constant pressure and temperature. *Am Soc Mech Eng Trans* 78: 1233 Ag '56
- Eckert, E. R. G. and others. Heat transfer. *Ind & Eng Chem* 47:656-8; 48:666-8; 49: 574-6; 50:552-4; 51:463-5 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Eckert, E. R. G. and others. Review of heat transfer literature, 1956[1958]. *Mech Eng* 79:442-4; 80:73-5; 81:53-5 My '57, Je '58, Jl '59
- Ellerbrook, H. H. and Livingood, J. N. B. Investigation of heat transfer, flow, and heat exchangers as related to turbine cooling. *Am Soc Mech Eng Trans serC* 81:82-5 F '59

- Goulard, R. Catalytic recombination rates in hypersonic stagnation heat transfer. *Jet Propulsion* 28:745 N '58

- Hartnett, J. F. Experimental determination of the thermal-entrance length for the flow of water and of oil in circular pipes. *Am Soc Mech Eng Trans* 77:1216-18 N '55

- Heat transfer and fluid mechanics institute. *Preprints of papers, 1957[1959]* (V 10-12) Stanford univ. press, '57-59 3v incl bibliog

- Jacob, Max. Heat transfer. Wiley '49-'57 2v v 1, p730-49; v2, p622-40

- Jacob, Max, and Hawkins, George Andrew. Elements of heat transfer. 3d ed Wiley '57 incl bibliog

- Jacobs, James M. Heat transfer and fluid flow; a bibliog. of sel. rep. literature. (TID-3305 Sup. 1) Technical information service, U.S. Atomic energy comm. '58 423p annot

- Jacobs, James M. and Young, Gifford A. Heat transfer; a bibliog. of unclassified rep. literature. Technical information service extension '57 169p

- Knudsen, James George, and Katz, Donald La Verne. Fluid dynamics and heat transfer. (Engineering research bul. no37) Engineering research inst, Univ. of Mich. '54 p232-7

- Kornbichler, H. and Kretzinger, N. Der wärmeübergang beim siedeln. *AEG Mitt* 48: 37 Ja '58

- Lawson, A. W. and Jamieson, J. C. Energy transfer in the earth's mantle. *J Geol* 66: 550-1 S '58

- Lykoudis, P. S. and Touloukian, Y. S. Heat transfer in liquid metals. *Am Soc Mech Eng Trans* 80:662-3 Ap '58

- Mooney, David Alfred. Introduction to thermodynamics and heat transfer. Prentice-Hall '55 incl bibliog

- Ostrach, S. Convection phenomena in fluids heated from below. *Am Soc Mech Eng Trans* 79:304-5 F '57

- Rosner, D. E. Recent advances in convective heat transfer with dissociation and atom recombination. *Jet Propulsion* 28:450-1 Jl '58

- Schenck, Hilbert Van Nydeck. Heat transfer engineering. Prentice-Hall '59 incl bibliog

- Sleicher, C. A. Experimental velocity and temperature profiles for air in turbulent pipe flow. *Am Soc Mech Eng Trans* 80: 701-2 Ap '58

- Sleicher, C. A. and Tribus, M. Heat transfer in a pipe with turbulent flow and arbitrary wall-temperature distribution. *Am Soc Mech Eng Trans* 79:796-7 My '57

- United States. Atomic energy commission. Reactor heat transfer conference of 1956; coll. papers and reps. of a conference held at New York, Nov. 1 and 2, 1956; comp. by John E. Viscardi. (TID-7529 (pt 1) Technical information service extension '57 2v incl bibliog

See also

- Calorimeters and calorimetry
- Combustion
- Thermochemistry
- Thermodynamics
- Thermoelectricity
- Thermotherapy

HEAT exchangers

- Hammond, W. E. Selected references on gas turbines, regenerative cycles, rotary regenerators, and associated heat-exchange and pressure-drop information. *Am Soc Mech Eng Trans serC* 81:77-8 F '59

- Mueller, Alfred Charles. Thermal design of shell-and-tube heat exchangers for liquid-to-liquid heat transfer. (Engineering bul. v38, no5) Purdue univ. '54 p85-8

- North Carolina. University. State college of Raleigh. Department of engineering research. Heat transfer fluids for nuclear power generation: literature abstracts, 1947-1957. The department '58 169p

HEAT pumps

- Penrod, Estel B. and Pfennigwerth, Paul L. Performance of the University of Kentucky heat pump no 1 operating intermittently during the cooling season from June 8, 1953 to September 8, 1953. (Engineering experiment station. Bul. no35; Earth heat pump research, pt4) College of engineering, Univ. of Ky. '55 p94-5

- HEAT resisting alloys. See Alloys, Heat resisting

- HEATHS. See Moors and heaths

- HEATING
- Bedford, T. Research on heating and ventilation in relation to human comfort. *Heating Piping* 30:134 D '58

HEATING—Continued

- Carrier, Willis Haviland, and others. Modern air conditioning, heating, and ventilating. 3d ed Pitman '59 p579-82
- Jennings, Burgess Hill. Heating and air conditioning. Int. textbook '56 incl bibliog
- Min, T. C. and others. Natural convection and radiation in a panel-heated room. Heating Piping 28:160 My '56

See also

- Electric heating
Fuel
Furnaces
Insulation (heat)
Radiant heating
Solar heating

HEATING, Industrial

- Green, Frederick Gordon. Heat economy in textile plants; notes with annot. bibliography. (T.I.S. rep. no56) Technical information service, Nat. research council, Canada '58 16p

HEATING effect in aerodynamics. See Aerodynamics, Supersonic—Heating effect**HEAVY water. See Water—Heavy water****HEBER, Gustav, 1873-**

- Bibliografi vedrørende Gustav Hebers forfatterskab. The author '53 10p

HEBREW language*Grammar*

- Kimchi, David. Hebrew grammar (Mikhlol) systematically presented and critically annotated by William Chomsky. Bloch '52 incl bibliog

Study and teaching

- Zeldner, Max. Bibliography of methods and materials of teaching Hebrew in the light of modern language methodology. 2d enl ed Jewish education com. of N.Y. '53 117p

HEBREW literature

- Baroway, I. Toward understanding Tudor-Jacobean Hebrew studies. Jewish Social Stud 18:3-24 Ja '56

- John Rylands library, Manchester. Catalogue of an exhibition of Hebrew manuscripts and printed books, together with other items of Jewish interest, 1958. The library '58 28p

History and criticism

- Silberschlag, Eisig. Hebrew literature: an evaluation. (Herzl inst. pamphlet no 12) Herzl press '59 p62-4

HEBREW manuscripts. See Manuscripts, Hebrew**HEBREWS. See Jews****HECATAEUS of Miletus, ca 550-476 B.C.**

- Hecataeus of Miletus. Fragmenta; testo, introd, appendice e indici a cura di Giuseppe Nenci. (Biblioteca di studi superiori, 22. Filologia greca) Nuova Italia '54 p xxviii-xxxii

HECKER, Isaac Thomas, 1819-1888

- Holden, Vincent F. Yankee Paul: Isaac Thomas Hecker. Bruce pub. '53 p415-22 annot

HEEVER, Christiaan Maurits van den, 1902-

- Kamp, Ivonne. Christiaan Maurits van den Heever, 27. 2. 1902-; bibliografie. (Bibliografiese reeks) Skool van biblioteekwese, Univ. van Kaapstad '53 21p

HEGEL, Georg Friedrich Wilhelm, 1770-1831

- Gründer, K. Bibliographie zur politischen theorie Hegels. (In Ritter, Joachim. Hegel und die französische revolution. (Arbeitsgemeinschaft für forschung des Landes Nordrhein-Westfalen. Veröffentlichungen. Geisteswissenschaften, heft 63) Westdeutscher verlag '57 p81-112)

- Marcuse, Herbert. Reason and revolution: Hegel and the rise of social theory. 2d ed with sup. chapter. Humanities press '54 incl bibliog

- Meulen, Jan van der. Hegel; die gebrochene mitte. Meiner '58 p346-61

- Vecchi, Giovanni. L'estetica di Hegel; saggio di interpretazione filosofica. (Milan. Univ. cattolica del Sacro Cuore. Pubblicazioni, new ser, v56) Vita e pensiero '56 p214-40

HEIDEGGER, Martin, 1889-

- Lübbe, Hermann. Bibliographie der Heidegger-literatur. 1917-1955. Han '57 52p

HEIJERMANS, Herman, 1864-1924

- Flaxman, Seymour Lawrence. Herman Heijermans and his dramas. Nijhoff '54 p252-62

HEIKERTINGER, Franz, 1876-1953

- Strouhal, H. Die wissenschaftlichen veröfentlichungen F. Heikertingers. Vienna Naturhist Mus Ann 60:26-35 D '55

HEINE, Heinrich, 1797-1856

- Brod, Max. Heinrich Heine; the artist in revolt; tr. from the German by Joseph Witriol. N.Y. univ. press '57 p344-7
- Butler, Eliza Marian. Heinrich Heine; a bibliography. Philosophical lib. '57 p277-80
- Dresch, J. Le centenaire de Heine; pubs. heinénnes. R Litt Comp 30:232-6 Ap '56
- László, F. Heine, 1797-1956; bibliog. életrajzi adatokkal és műveinek ismertetésével. (A világirodalom klasszikusai 7) Fővárosi Szabó Ervin könyvtár '56 32p
- Lehrmann, Chanan. Heinrich Heine, kämpfer und dichter. Francke '57 p217-18
- Rose, W. Studies of Heine since the war. Orbis Litterarum 11 no3:166-74 '56

HEINEN, Anton, 1869-1934

- Dahm, Clemens. Das pädagogische werk des volksbildners Anton Heinen. (Pädagogik gegenwart, v 1) Setzkorn-Scheifhacken '57 p 146-51

HELEIDAE. See Ceratopogonidae**HELGOLAND**

- Siebs, Benno Eide, and Wohlenberg, Erich. Helgoland und die Helgoländer. (Schleswig-Holsteinische universitätsgesellschaft, Kiel. Veröffentlichungen, new ser, no5) Hirt '53 p298-303

HELICOPTERS

- Katzenberger, E. F. and Rich, M. J. Investigation of helicopter descent and landing characteristics following power failure. J Aero Sci 23:356 Ap '56

- Los Angeles. Public library. Municipal reference department. Police division. Police use of helicopters; a bibliog. comp. by Constantine Martois. (Los Angeles police lib. bibliog. ser. no 1) The library '58 4p

- Payne, F. R. Helicopter dynamics and aerodynamics. Macmillan '59 p409-29

- Shapiro, Jacob. Principles of helicopter engineering. McGraw '55 p425-8

- Velkoff, H. R. Evaluation of the jet rotor helicopter. Am Helicopter Soc J 3:6-7 O '58

- Williams, Samuel Clay. Report on the helicopter; the helicopter and its role as a transport vehicle. (Research reps, ser, A-1) Brundage, Story & Rose '55 p211-20

HELIUM

- Damon, P. E. and Kulp, J. L. Excess helium and argon in beryl and other minerals. Am Min 43:457-9 My '58

- Nicolet, M. Aeronomic problem of helium. Ann Géophys 13:20-1 Ja '57

- United States. Bureau of mines. Selected list of publications on petroleum, natural gas, and helium. Petroleum experiment station '52 125p

HELLAND-HANSEN, Bjørn, 1877-

- Bergen, Norway. Chr. Michelsens institutt for videnskap og åndsfrihet. Festskrift til professor Bjørn Helland-Hansen i anledning hans virke i 25 år som formann i styret for Chr. Michelsens institutt; fra venner og kolleger ved Chr. Michelsens institutt. Griegs boktr. '56 p237-41

HELLENISM

- Kiessling, Emil, and others. Der Hellenismus in der deutschen forschung, 1938-1948. Harrassowitz '56 171p

- Toynbee, Arnold Joseph. Hellenism; the history of a civilization (Home univ. lib. of modern knowledge) Oxford '59 p254-62

- HELLENS, Franz, pseud. See Ermengem, F. van

HELLSTRÖM, Gustaf, 1882-1953

- Kristianstad, Sweden. Stadsbiblioteket. Gustaf Hellström, 1882-28 augusti-1952. The library '52 8p

HELMINTHOLOGY. See Parasites; Worms, Intestinal and parasitic**HELMINTHOSPORIUM**

- Ludwig, R. A. and others. Studies on the seedling disease of barley caused by helminthosporium sativum P.K. & B. Can J Bot 34:672-3 Jl '56

- Luttrell, E. S. Perfect stage of helminthosporium turcicum. Phytopathology 48:286-7 My '58

HELVETIUS, Claude Adrien, 1715-1771

- Cumming, Ian. Helvetius; his life and place in the history of educational thought; with an introd. by Nicholas Hans. (Int. lib. of sociology and social reconstruction) Routledge '55 p233-46

HEMATOLOGY. See Blood

- HEMINGWAY, Ernest, 1898-**
Baker, Carlos Heard. Hemingway, the writer as artist, 2d ed Princeton univ. press '56 p331-42 annot
- Mucharowski, Hans Günter. Die werke von Ernest Hemingway; eine bibliographie der deutschsprachigen Hemingway-literatur und der originalwerke, von 1923 bis 1954. The author '55 48p
- Young, Philip. Ernest Hemingway. (Univ. of Minn. pamphlets on Am. writers, no 1) Univ. of Minn. press '59 p42-4
- HEMIPTERA**
See also
Aradidae
Plant lice
- HEMMINGSTEDT, Battle of, 1500**
Lammers, Walther. Die schlacht bei Hemmingstedt; freies bauernrum und fürstenmacht im Nordseeraum; eine studie zur sozial-, verfassungs- und wehrgeschichte des spätmittelalters. Westholsteinische verlagsanstalt Boyens '53 p208-24
- HEMOGLOBIN**
Allison, A. C. Notes on sickle-cell polymorphism. *Ann Hum Genet* 19:49-51 J1 '54
- Allison, A. C. Sickle-cell and haemoglobin O genes in some African populations. *Ann Hum Genet* 21:88-9 J1 '56
- Conference on hemoglobin. Washington, D.C. 1957. Conference on hemoglobin, 2-3 May 1957, held under the auspices of the Division of medical sciences, National academy of sciences—National research council, with the support of the National heart institute, National institute of health. (Pub. 557) Nat. research council '58 incl bibliog
- Grimes, R. M. and others. Bovine fetal hemoglobin. *J Dairy Sci* 41:1532-3 N '58
- Neel, J. V. Genetics of human haemoglobin differences: problems and perspectives. *Ann Hum Genet* 21:25-30 J1 '56
- Tanaka, T. and Rosenberg, M. M. Relationship between hemoglobin levels in chickens and certain characters of economic importance. *Poultry Sci* 33:287 J1 '54
- See also
Bile pigments
- HEMOLYSIS and hemolysins**
Neter, E. and others. Effects of protamine and histone on enterobacterial lipopolysaccharides and hemolysis. *Can J Microbiol* 4:382-3 Ag '58
- Roberts, George Fulton. Comparative aspects of haemolytic disease of the newborn. Heinemann medical bks. '57 p 163-94
- Robinson, J. and others. Studies with staphylococcal toxins. *Can J Microbiol* 4:350-1 Ag '58
- Stormont, J. M. and others. Peroxide-erythrocyte hemolysis test. *Am J Clin Nutrition* 7:211-12 Mr '59
- Younathan, E. S. and Barkulis, S. S. Effect of some antimetabolites on the production of streptolysin S'. *J Bact* 74:157-8 Ag '57
- HEMOPHILIA**
National hemophilia foundation. Hemophilia and hemophiloid diseases; int. symposium; ed. Kenneth M. Brinkhous. Univ. of N.C. press '57 incl bibliog
- HEMORRHAGE**
Pässler, Hans Wolfgang, and Berghaus, Horst. Begutachtung peripherer durchblutungsstörungen. (Arbeit und gesundheit, new ser, no66) Thieme '58 incl bibliog
- Quick, Armand James. Hemorrhagic diseases. Lea '57 incl bibliog
- Roskam, Jacques. Arrest of bleeding: physiology, pharmacology, pathology. (Am. lecture ser, pub. no217) Thomas '54 p67-71
- Wildegans, Hans, and Guderley, Herbert. Blutstillung, blutersatz und bluttransfusion. (Chirurgie in einzeldarstellungen, v61) De Gruyter '55 p 146-57
- HEMORRHAGIC septicemia**
Borgman, R. F. and Wilson, C. E. Pasteurellosis and enzootic pneumonia in goats. *Am Vet Med Assn J* 126:204 Mr '55
- HEMOSTATICS**
Roskam, Jacques. Arrest of bleeding: physiology, pharmacology, pathology. (Am. lecture ser, pub. no217) Thomas '54 p67-71
- Wildegans, Hans, and Guderley, Herbert. Blutstillung, blutersatz und bluttransfusion. (Chirurgie in einzeldarstellungen, v61) De Gruyter '55 p 146-57
- HENDERSON, Archibald, 1877-**
Kelling, L. Archibald Henderson: a selected bibliography of his writings on Shaw, drama and theatre. *Shaw Bul* 2:4-8 My '57
- HENNEN, Ray Vernon, 1875-1958**
Reger, D. B. Ray Vernon Hennen. *Am Assn Pet Geol Bul* 42:2018-19 Ag '58
- HENRI IV, king of France, 1553-1610**
Erlanger, Philippe. L'étrange mort de Henri IV; ou, Les jeux de l'amour et de la guerre. (Présence de l'histoire) Amiot-Dumont '57 p271-6
- HENRY of Ghent, 1217-1293**
Bettoni, Efreim. Il processo astrattivo nella concezione di Enrico di Gand. (Milan. Univ. cattolica del Sacro Cuore. Pubblicazioni, new ser, 47) Vita e pensiero '54 p91-2
- HENRYSON, Robert, ca 1430-1506**
Henryson, Robert. Poems and fables; ed. from the earliest mss. and ptd. texts by H. Harvey Wood. 2d ed rev Oliver '53 p xlv-xlvi
- HENSCHKE, Alfred (Klabund, pseud) 1891-1928**
Paulsen, W. Klabund (Alfred Henschke, 1891-1928) a critical bibliography. *Philol Q* 37:1-17 Ja '58
- HENSSEN, Gottfried, 1889-**
Hoffmann, Heinrich. Sagen, märchen und schwänke des jüdischen landes; aus dem nachlass hrsg. und durch eigene aufzeichnungen vermehrt von Gottfried Henssen. (Deutsches volkstum am Rhein. v6) Röhrscheid '55 p328
- HENTY, George Alfred, 1832-1902**
Kennedy, Roderick Stuart, and Farmer, Bernard J. Bibliography of G. A. Henty & Hentyana. Farmer '56 33p
- HEPATICAE. See Liverworts**
- HEPATITIS**
Eichenwald, Heinz F. Viral hepatitis; clinical, laboratory, and public health aspects. (Pub. no435) U.S. Public health service '55 p 18-20
- Hartman, Frank W. and others, eds. Hepatitis frontiers. (Henry Ford hospital. Int. symposium, 6) Little '57 incl bibliog
- National research council. Panel on the sterilization of blood and plasma. Symposium on the laboratory propagation and detection of the agent of hepatitis, held under the joint sponsorship of the Panel and the Comm. on virus and rickettsial diseases of the Armed forces epidemiological board, Bellevue hospital, New York city, 31 March, 1954. (Pub. 322) The council '54 incl bibliog
- HERALDRY**
Boutell, Charles. Heraldry; rev. by C. W. Scott-Giles. 2d rev ed Warne '53 p262-3
- Jeffries, Olen C. Heraldry, insignia, decorations, crests, medals. (Special bibliog, no2) Lib. Artillery & guided missile school, Fort Sill '55 22p annot
- Rogers, Hugh Cuthbert Basset. Pageant of heraldry; an explanation of its principles & its uses to-day; with an introd. by H. A. B. Lawson. Pitman '56 p 194-5
- See also
Seals (numismatics)
- Sweden
- Lindgren, Uno. Heraldik i svenska författningar; en vapenrättslig översikt från medeltiden till våra dagar. (Lund. Univ. Fahlbeckska stiftelsen. Skrifter, 37) Gleerup '51 p81-93
- HERBICIDES**
Bylterud, A. Control of couch grass (agropyron repens P.B.) with trichloroacetic acid. *Acta Ag Scand* 8 no3:277-8 '53
- London. Science museum. Science library. Some references to the use of calcium cyanamide as a weed killer. (Bibliog. ser, no75) The library '53 4p
- Richardson, L. T. Effect of insecticides and herbicides applied to soil on the development of plant diseases. *Can J Plant Sci* 37:203-4 J1 '57
- HERBS**
Sieg, Hilde. Gottesseggen der kräuter. Staneck '53 p313-17
- HERDER, Johann Gottfried von, 1744-1803**
Berger, D. Herder-schrifttum 1916-1953. (In Keyser, Erich, ed. Im geiste Herders; gesammelte aufsätze zum 150. todestage J. G. Herders. (Marburger ostforschungen, v 1) Holzner-verlag '53 p268-305)
- Schmidt, Eva, ed. Herder im geistlichen amt; untersuchungen, quellen, dokumente. Koehler & Amelang '56 p71-2
- HEREDITARY succession. See Inheritance and succession**

HEREDITY

- Beadle, George Wells. Physical and chemical basis of inheritance. (Condon lectures) Ore. state system of higher education '57 p45-7
- Champion, L. R. Inheritance of resistance to cecal coccidiosis in the domestic fowl. Poultry Sci 33:681 J1 '54
- Commemoration of the centennial of the publication of the Origin of species by Charles Darwin. Am Philos Soc Proc 103:159-319 Ap '59 incl bibliog
- Gates, Reginald Ruggles. Genetic linkage in man. Junk '54 p39-46
- Grant, V. Development of a theory of heredity. Am Scientist 44:178-9 Ap '56
- Hadorn, Ernst. Letalfaktoren in ihrer bedeutung für erbpathologie und genphysiologie der entwicklung. Thieme '55 p303-27
- Hill, John Benjamin, and Hill, Helen Day. Genetics and human heredity. McGraw '55 incl bibliog
- Hunt, E. E. Anthropometry, genetics and racial history. Am Anthropol 61:82-7 F '59
- International children's centre, Paris. La progénèse; facteurs préconceptionnels du développement de l'enfant; préf. du professeur Robert Debré. (Travaux et docs, 8) Masson '55 p657-88
- Livingstone, F. B. Anthropological implications of sickle cell gene distribution in West Africa. Am Anthropol 60:557-62 Je '58
- Margolis, E., and Hasson, E. Hereditary malformations of the upper extremities in three generations. J Heredity 46:261-2 N '55
- Robinson, R. Genetic studies of the rabbit. Bibliog Genet 17 no3-4:511-41 '58
- Snyder, Laurence Hasbrouck, and David, Paul Rembert. Principles of heredity. 5th ed Heath '57 incl bibliog
- Stevenson, A. C., and Cheeseman, E. A. Hereditary deaf mutism, with particular reference to northern Ireland. Ann Hum Genet 20:206-7 F '56
- Vendrière, Colette. L'acide désoxyribonucléique du noyau des cellules animales, son rôle possible dans la biochimie de l'hérédité. Bul Biol France & Belgique 86 no 1:76-87 '52
- Vogel, F. Verzögerte mutation beim menschen? Ann Hum Genet 22:136-7 F '58
- Winchester, Albert McCombs. Genetics; a survey of the principles of heredity. 2d ed Houghton '58 p403
- See also
Allelomorphism
Blood groups
Eugenics
Genetics
Heredity of diseases
Hybridization
Prenatal influences
Variation (biology)
- HEREDITY (botany)
See also
Genes (botany)
Hybridization (botany)
- HEREDITY of disease
Allison, A. C. Recent developments in the study of inherited anemias. Eugenics Q 6: 165-6 S '59
- Berens, C. Heredity and the eye. Eugenics Q 1:26 Je '54
- Penrose, L. S., and Stern, C. Reconsideration of the Lambert pedigree (ichthyosis hystrix Gravior) Ann Hum Genetics 22:280-1 My '58
- HERERO
Gibson, G. D. Double descent and its correlates among the Herero of Namaland. Am Anthropol 58:138-9 F '56
- HERESIES and heretics
See also
Early church
Gnosticism
- HERIAT, Philippe, pseud. See Payelle, R.
- HERLITZ, Nils, 1888-
Bodman, G. Förteckning över professor Nils Herlitz' skrifter 1907-1954. (In Stockholm. Högskolan. Stats- och rättsvetenskapliga fakulteten. Festskrift tillägnad professor juris och filosofie doktor Nils Herlitz vid hans avgång från professorsämbetet den 30. juni 1955. Norstedt '55 p450-73)
- HERMANN, Rudolf, 1887-
Bork, R. Bibliographie Rudolf Hermann zum 70. geburtstag am 3. Okt. 1957. Theol Literaturz 82:col 795-8 O '57

HERMAPHRODITISM

- Fung, S. T. C., and Gowen, J. W. Developmental effect of a sex-limited gene in *Drosophila melanogaster*. J Exp Zool 134: 531-2 Ap '57
- Jones, Howard Wilbur, and Scott, William Wallace. Hermaphroditism, genital anomalies and related endocrine disorders. Williams & Wilkins '58 p434-48
- HERNÁNDEZ, Francisco, 1514-1578
D'Ardois, G. S. Bibliografía del Dr Francisco Hernández, humanista del siglo XVI. R Interam Bibliog 7:1-76 Ja '57
- HERNÁNDEZ, Miguel, 1910-1942
Zardoya, C. Miguel Hernández: Bibliografía. R Hispan Mod 21:289-93 J1 '55
- HERNÁNDO, Teófilo, 1881-
Homenaje ofrecido a Teófilo Hernando por sus amigos y discípulos. Librería y casa editorial Hernando '53 p587-90
- HERNIA
Kuosmanen, Otsu. Über das vorkommen von hiatushernien und kardiasuffizienz in verbindung mit pleuraschwarte. (Sup 153) Acta radiologica '57 p70-6
- HEROD I, the Great, king of Judea, d 4 B.C.
Minkin, Jacob Samuel. Herod, king of the Jews. Yosef '56 p267-9
- HEROES in literature
Mathewson, Rufus Wellington. Positive hero in Russian literature. Columbia univ. press '58 p335-48
- HEROLD, Stanley Carrollton, 1883-1958
Hook, J. S. Stanley Carrollton Herold. Am Assn Pet Geol Bul 42:2021 Ag '58
- HERONS
Lowe, Frank Aspinall. Heron. (New naturalist lib, special v2) Collins '54 p 161-71
- HERPETOLOGY. See Reptiles
- HERRERA Y REISSIG, Julio, 1875-1910
Gicovate, Bernard. Julio Herrera y Reissig and the symbolists. Univ. of Calif. press '57 p97-103
- HERRICK, Clarence Luther, 1858-1904
Herrick, C. J. Clarence Luther Herrick; pioneer naturalist, teacher and psychobiologist. Am Philos Soc Trans 45 no 1:80-3 '55
- HERRING
Scattergood, Leslie W. Bibliography of the herring (*Clupea harengus* and *C. pallasii*). (Research bul. no26) Me. Dept. of sea and shore fisheries '57 108p
- HERRMANN, Walther, 1884-
Bergbau und bergleute; neue beiträge zur geschichte des bergbaus und der geologie. (Freiberger forschungshefte. Kultur und technik, D 11) Akademie-verlag '55 p 12-14
- HERRNHUTER. See Church of the brethren
- HERSCHEL, Sir John Frederick William, 1st bart, 1792-1871
Publications of Sir John Herschel in connection with his stay at the Cape of Good Hope. So African Lib Q Bul 12:81-2 D '57
- HERTY, Charles Holmes, 1896-1953
Herty, Charles Holmes. Deposition of steel; a memorial volume to C. H. Herty. Nat. open hearth steel com. Am. inst. of mining, metallurgical, & petroleum engineers '57 p viii-xiii
- Merica, P. D. Charles Holmes Herty. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p 120-6)
- HERTZ, Heinrich Rudolph, 1857-1894
Hertz, Heinrich Rudolph. Principles of mechanics, presented in a new form; pref. by H. von Helmholtz; authorized English tr. by D. E. Jones and J. T. Walley, with a new introd. by Robert S. Cohen. Dover pubs. '56 p 16-22
- HERTZIAN waves. See Electric waves
- HERZL, Theodor, 1860-1904
Cohen, Israel. Theodor Herzl, founder of political Zionism. Yosef '59 p381-3
- HESS, Moses, 1812-1875
Silberner, Edmund. Works of Moses Hess; an inventory of his signed and anonymous pubs, mss, and correspondence. Brill '58 125p
- Silberner, E. Works of Moses Hess. Int Inst Soc Hist Bul 9 no 1:9-42; no 3:221-66 '54
- HESSE, Hermann, 1877-
Berlin. Amerika-gedenkbibliothek. Hermann Hesse; eine auswahl der abteilung Literatur zu seinem 80. geburtstag am 2. 7. 1957. The library '57 23p
- Jonas, K. W. Additions to the bibliography of Hermann Hesse. Bibliog Soc Am Pa 49: 358-60 O '55

- HESSE, Hermann**—*Continued*
Mayer, Gerhart. Die begegnung des Christentums mit den asiatischen religionen im werk Hermann Hesses. (Untersuchungen zur allgemeinen religionsgeschichte, new ser. no 1) Röhrscheid '56 p 176-9
- Mileck, Joseph. Hermann Hesse and his critics: the criticism and bibliog. of half a century. (N.C. Univ. Studies in the German language and literature, no21) Univ. of N.C. press '58 p208-98 annot
- Pfeifer, Martin. Hermann Hesse; bibliog. der im gebiet der DDR seit 1945 erschienenen schriften von und über Hermann Hesse. VEB verlag für buch- & bibliothekswesen '55 63p
- HESSEN, Johannes**, 1889-
Ethik; grundzüge einer personalistischen wertethik. Brill '54 p 167-8
- Hessen, Johannes. Griechische oder biblische theologie? das problem der hellenisierung des Christentums in neuer beleuchtung. Koehler & Amelang '56 p 195-8
- HETEROAUXIN**
Dannenburr, W. N. and Liverman, J. L. Conversion of tryptophan-2-C¹⁴ to indoleacetic acid by watermelon tissue slices. Plant Physiol 32:269 J1 '57
- Klein, R. M. and Vogel, H. H. Necessity of indoleacetic acid for the duplication of crown-gall tumor cells. Plant Physiol 31:21-2 Ja '56
- Waygood, E. R. and others. Enzymically catalyzed oxidation of indoleacetic acid. Can J Bot 34:925-6 N '56
- HETEROCHROMATIN**. See Chromatin
- HETEROCYCLIC compounds**
France, Centre national de la recherche scientifique. Les hétérocycles oxygénés: Lyon, 5-10 sept. 1955. (Colloques ints. 64) The center '57 incl bibliog
- HETERODERA**
Mai, W. F. and Lear, Bert. Golden nematode. (Cornell extension bul. 870) N.Y. state college of agriculture, Cornell univ. '53? p31-2
- HETEROSIS**
Morse, M. L. and others. Transductional heterogenotes in *Escherichia coli*. Genetics 41:778-9 S '56
- Tantawy, A. O. Heterosis and genetic variance in hybrids between inbred lines of *Drosophila melanogaster* in relation to the level of homozygosity. Genetics 42:542-3 S '57
- HETEROTHALLISM**
Olive, L. S. On the evolution of heterothallism in fungi. Am Natur 92:250-1 J1 '58
- HETHERINGTON, Clark Wilson**
Bronson, Alice Oakes. Clark W. Hetherington, scientist and philosopher. The author '58 p 134-48
- HEUSS, Theodor**, 1834-
Boveri, Margret. Theodor Heuss. Margret Boveri: Die literarische gestalt. Walter Prinzling: Bibliographie der schriften und reden von Theodor Heuss und Elly Heuss-Knapp. Vorwerk '54 p 101-237
- HEUSS-KNAPP, Elly**, 1881?-1952
Boveri, Margret. Theodor Heuss. Margret Boveri: Die literarische gestalt. Walter Prinzling: Bibliographie der schriften und reden von Theodor Heuss und Elly Heuss-Knapp. Vorwerk '54 p239-65
- HEVEA**. See Rubber (hevea)
- HEWITT, John Theodore**, 1868-1954
Turner, E. E. John Theodore Hewitt, 1868-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p97-9)
- HEYTESBURY, William**, fl 1340
Wilson, Curtis. William Heytesbury: medieval logic and the rise of mathematical physics. (Wis. Univ. Pubs. in medieval science, 3) Univ. of Wis. press '56 p206-8
- HIBBERT, Harold**, 1877-1945
Wolfrom, M. L. Harold Hibbert. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p 159-78)
- HIBERNATION**
Eisenbraut, Martin. Der winterschlaf mit seinen ökologischen und physiologischen begleiterscheinungen. Fischer '56 p 144-56
- HIBISCUS**. See Rose mallows
- HICKLING, Henry George Albert**, 1883-1954
Watson, D. M. S. Henry George Albert Hickling, 1883-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 155-6)
- HICKS, John Donald**, 1890-
Burke, H. E. Bibliography of the writings (exclusive of the book reviews) of John D. Hicks. (In Hicks, John Donald. American tradition. Houghton '55 p 125-31)
- HIDALGO Y COSTILLA, Miguel**, 1753-1811
Higuera, Ernesto, ed. Hidalgo: reseña biográfica con una iconografía del iniciador de nuestra independencia. Colección medallones mexicanos '55 p 137-83
- HIDES and skins**
Abstracts. See numbers of American leather chemists association. Journal
- Abstracts. See numbers of Society of leather trades' chemists. Journal
- Aten, A. and others. Flaying and curing of hides and skins as a rural industry. (FAO agricultural development paper no49) Food & agriculture organization of the United nations '55 p 131-6
- Same; with title: Cuirs et peaux: dépouillement et conservation en tant qu'industrie rurale. (Coll. FAO: progrès et mise en valeur, no49) Food & agriculture organization of the United nations '55 p 131-6
- See also
Leather
Tanning
- HIDRADENITIS**. See Sweat glands—Diseases
- HIEROGLYPHICS, Egyptian**. See Egyptian language—Writing. Hieroglyphic
- HIERONYMUS, Saint**. See Jerome, Saint.
- HIGH fidelity sound systems**
Spencer, Kenneth John. High fidelity: a bibliography of sound reproduction; foreword by G. A. Briggs. Iota services ltd. '58 325p annot
- Spencer, Kenneth John. High-fidelity sound reproduction. (Special subject lists, no 12) Lib. assn. '56 27p
- HIGH school and college relations**. See Articulation (education)
- HIGH schools**
Douglass, Harl Roy, and Mills, Hubert Howard. Teaching in high school. 2d ed (Douglass ser. in education) Ronald '57 incl bibliog
- Faunce, Roland Cleo. Secondary school administration. (Exploration ser. in education) Harper '55 incl bibliog
- French, Will, and others. American high school administration: policy and practice. rev ed (Rinehart bks. in secondary education) Rinehart '57 incl bibliog
- Keller, Franklin Jefferson. Comprehensive high school. Harper '55 p287-90
- Scott, John Irving Elias. Getting the most out of high school; with an introd. by William A. Yeager. Oceana '57 p 136-41
- Selected references on secondary-school instruction. Sch R 64:36-40, 76-91, 145-55 Ja-Mr '56 annot
- Selected references on the organization and administration of secondary education. Sch R 63:399-402; 64:323-7 O '55. O '56 annot
- Wright, Grace (Stevens). State accreditation of high schools; practices and standards of state agencies. (U.S. Office of education. Bul. 1955, no5) U.S. Gov. ptg. office '55 p75-6 annot
- See also
Education, Secondary
Junior high schools
- See also
Curricula
- Life adjustment education program
- Standards
- See also
Cooperative study of secondary school standards
- HIGH voltages**
Abetti, P. A. Bibliography on extra-high-voltage systems. Power Apparatus & Systems no40:1517-36 F '59
- Bellasci, P. L. Rationalization of electrical clearances at ehv's 230 kv to 460/500 kv. Elec Eng 78:663 Je '59
- Hagenguth, J. H. High-voltage testing techniques. Elec Eng 78:594-5 My '59
- Ryle, P. J. Transmission and distribution at 66kV and over; overhead lines. Inst Elec Eng Proc 105:515-16 O '58
- HIGHWAY, Pan American**. See Pan American highway
- HIGHWAY accidents**. See Traffic accidents

HIGHWAY administration

National research council. Highway research board. Highway administration. (Bibliog. 19) The board '57 51p

HIGHWAY engineering

American society for testing materials. Symposium on application of soil testing in highway design and construction; presented at the 61st annual meeting, Boston, Mass., June 26 and 27, 1958. (ASTM special technical pub. no239). The society '59 incl bibliog

National research council. Highway research board. Highway research abstracts. The board. See numbers

National research council. Highway research board. Proceedings of the 34th-37th annual meeting. The board '55-'58 4v incl bibliog

Road abstracts; comp. by the Dept. of scientific and industrial research and the Ministry of transport [of Great Britain] See numbers

United States. Bureau of public roads. Library. Highways; current literature. The library. See numbers

See also

Roads**HIGHWAY law**

National research council. Highway research board. Relocation of public utilities due to highway improvement; an analysis of legal aspects. (Special rep. 21) The board '55 p201

HIGHWAY research

See also

Roads. Experimental

HIGHWAY safety. See Traffic safety**HIGHWAY transportation**

Harper, Donald Victor. Economic regulation of the motor trucking industry by the states. (Ill. studies in the social sciences, v43) Univ. of Ill. press '59 p296-303

Joubert, E. Road transportation in South Africa in the 19th century; a bibliography. (Bibliog. ser) School of librarianship, Cape Town univ. '55 33p

Norton, Hugh Stanton. Highway transportation barriers in 20 states. (U.S. Agricultural marketing service. Marketing research rep. no 157) U.S. Gov. ptg. office '57 p38-40

See also

Automobiles

Roads

HIGHWAYS. See Roads**HILBERT space**

Dixmier, Jacques. Les algèbres d'opérateurs dans l'espace hilbertien (algèbres de Von Neumann) (Cahiers scientifiques, no25) Gauthier-Villars '57 p349-55

HILDEGARD, Saint, 1098-1179

Hildegard, Saint. Wisse die wege: Scivias; nach dem originaltext des illuminierten Rupertsberger kodex ins deutsche übertragen und bearb. von Maura Böckeler. O. Müller '54 p399-402

Schrader, Marianna, and Führkötter, Adelgundis. Die echtheit des schrifttums der heiligen Hildegard von Bingen; quellenkritische untersuchungen. (Archiv für kulturgeschichte. Sup. no6) Böhlau-verlag '56 p 185-92

Widmer, Bertha. Heilsordnung und zeitgeschehen in der mystik Hildegards von Bingen. (Basler beiträge zur geschichtswissenschaft, v52) Helbing & Lichtenhahn '55 p277-86

HILL, James Jerome, 1838-1916

Holbrook, Stewart Hall. James J. Hill; a great life in brief. (Great lives in brief; a new ser. of biographies) Knopf '55 p202-5

HILL, James Peter, 1873-1954

Watson, D. M. S. James Peter Hill, 1873-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p 115-17)

HINDEMITH, Paul, 1895-

Westphal, Elisabeth. Paul Hindemith; eine bibliog. des in- und auslandes seit 1922 über ihn und sein werk. (Bibliog. hefte, 2) Greven '57 48p

HINDI literature

British museum. Department of oriental printed books and manuscripts. Catalogue of printed books in Hindi, Bihari (including Bhojpuri, Kaurmali and Maithili) and Pahari (including Nepali or Khaskura, Jaunsari, Mandauli, etc) in the library of the Museum; 2d sup. comp. by R. D. Barnett [and others] The museum '58 840p

HINDUISM

See also

Caste

Christianity and other religions—Hinduism

Philosophy, Hindu

Sivaism

Vedanta

Yoga

HIP joint

Müller, Maurice Edmond. Die hüftnahen femurosteotomien, unter berücksichtigung der form, funktion und beanspruchung des hüftgelenkes; mit einem geleitwort von M. R. Francillon. Thieme '57 p 171-81

Dislocation

Laurent, Lars Erik. Congenital dislocation of the hip; acetabular inclination and femoral torsion; primary results of closed reduction checked by arthrography and of open treatment with transportation of the iliopectas muscle [tr. by Gunvor Hustich] (Sup 179) Acta chirurgica scandinavica '53 p 125-33

Surgery

Kallio, Erkki. Skin arthroplasty of the hip joint and corresponding alloplastic methods in the light of a clinical study [tr. into English by Elvi Kaukallio] (Acta orthopaedica scandinavica. Sup30) Munksgaard '58 p93-9

HIPPARION

Gromova, Vera Isaakovna. Le genre hipparion; tr: Pietresson de Saint-Aubin. (Annales, no 12) Centre d'études & de doc. paléontologiques '55 p282-8

HIPPOPOTAMUS

Verheyen, René. Monographie éthologique de l'hippopotame (hippopotamus amphibius Linné) Inst. des parcs nationaux du Congo belge '54 p88-90

HIPPURIC acid

Serianni, E. and others. Effects of solid food and of alcoholic beverages, especially wine, on the excretion of hippuric acid. Q J Stud Alcohol 16:84-5 Mr '55

HISPANIC AMERICAN literature. See Spanish American literature**HISTAMINE**

Shifrine, M. and others. Toxicity to chicks of histamine formed during microbial spoilage of tuna. Ap Microbiol 7:50 Ja '59

HISTOCHEMISTRY

Casselmann, W. G. Bruce. Histochemical technique. (Methuen's monographs on biological subjects) Wiley '59 incl bibliog

Waterhouse, D. F. and Stay, E. Functional differentiation in the midgut epithelium of blowfly larvae as revealed by histochemical tests. Australian J Biol Sci 8:274-5 My '55

HISTOLOGY

Andrew, Warren. Textbook of comparative histology. Oxford '59 incl bibliog

Hintzsche, Erich. Das aschenbild tierischer gewebe und organe; methodik, ergebnisse und bibliographie. Springer-verlag '56 p 125-36

Sharpey-Schafer, Sir Edward Albert. Essentials of histology, descriptive and practical; for the use of students; 16th ed, ed. by H. M. Carleton and R. H. D. Short. Longmans '55 p643

Vienna. Universität. Hygiene-institut. Die neurovegetative peripherie; neurohistologisches colloquium im Hygiene-inst. der Univ. Wien, 2. Sept. 1954. (Acta neurovegetativa. Sup6) Springer '55 incl bibliog

See also

Cells

Histochemistry

Tissues

HISTOLOGY, Pathological

Koskinen, Erkki Veikko Sakari. Cytology of the liver in fleus; a study based on liver biopsies. (Sup200) Acta chirurgica scandinavica '55 p82-6

Langer, Erich. Histopathologie der tumoren der kiefer und der mundhöhle. Thieme '58 p 139-64

Saarenmaa, Erkki. Significance of biochemical and histological functional diagnosis in diseases of the thyroid gland; tr. by Aune Tuomikoksi. (Sup207) Acta chirurgica scandinavica '56 p71-5

HISTOPLASMOIS

United States. Communicable disease center, Atlanta. Proceedings of the conference on histoplasmosis held at Excelsior Springs, Missouri, November 18-20, 1952. (U.S. Public health service. Pub. no465; Public health monograph no39) U.S. Gov. ptg. office '56 p301-22

HISTOPLASMOSIS—Continued

Vanbreuseghem, R. *Histoplasma duboisii* and large forms of *histoplasma capsulatum*. *Mycologia* 48:268-9 Mr '56

HISTORIANS

Thorpe, Earl Endris. Negro historians in the United States. *Fraternal press* '58 p 169-80

HISTORICAL drama

Ribner, Irving. English history play in the age of Shakespeare. Princeton univ. press '57 p319-27

History and criticism

Ribner, Irving. English history play in the age of Shakespeare. Princeton univ. press '57 p328-42

HISTORICAL fiction

Bridgers, Emily. English history through historical novels. (N.C. Univ. Library extension pub. v22, no4) Univ. of N.C. lib. '57 incl bibliog

Hänel, Erich. Mit dem buch in die vergangenheit; empfehlungen für die verwendung historischer belletristik im geschichtsunterricht, neuzeit (1750-1918) Volk & wissen '58 96p

Logasa, Hannah. Historical fiction and other reading references for classes in junior and senior high schools, and colleges. 6th rev & enl ed McKinley pub. co. '58 280p annot

Shaw school, Shaw, Mississippi. Shaw school historical fiction lists. 4th rev ed The school '56 12p annot

Taylor, William Arthur. Historical fiction; introd. by Alfred Duggan. (Reader's guide, 2d ser. 11) Nat. bk. league '57 p 13-45 annot

See also

Germany—History—Fiction
United States—History—Fiction
United States—History—Civil war—Fiction

HISTORICAL geography. See Geography, Historical**HISTORICAL records**

Lancaster, J. C. Record publications of societies. *Archives* 2:324-6 Michaelmas '55

HISTORICAL research

Hesseltine, William Best, and McNeil, Donald R. eds. In support of Clio: essays in memory of Herbert A. Kellar. State historical soc. of Wis. '58 incl bibliog

Hockett, Homer Carey. Critical method in historical research and writing. Macmillan '55 p265-95

HISTORIOGRAPHY

Eisenstadt, Abraham Seldin. Charles McLean Andrews; a study in Am. historical writing. (Columbia studies in the social sciences, no588) Columbia univ. press '56 p257-66

Fitzsimons, Matthew A. and others, eds. Development of historiography. (Stackpole social science ser) Stackpole '54 p441-58

Gray, Wood, and others. Historian's handbook; a key to the study and writing of history. Houghton '59 incl bibliog annot

Kossmann, E. and Kossmann, J. Bulletin critique de l'historiographie néerlandaise en 1953. *R Nord* 36:483-96 O '54

Lucey, William Leo. History: methods and interpretation. Loyola univ. press '58 incl bibliog

Mazour, Anatole Grigorevich. Modern Russian historiography. 2d ed Van Nostrand '58 p252-5

Mellon, Stanley. Political uses of history; a study of historians in the French restoration. Stanford univ. press '58 p214-22

Smith, Charlotte Watkins. Carl Becker: on history & the climate of opinion. Cornell univ. press '56 p213-18

Zimmermann, E. Die laufenden bibliographien der geschichtswissenschaft. *Z Bibl & Bibliog* 2 no3:198-213 '55

See also

Historians
Latin America—History—Historiography
Netherlands—History—Historiography

HISTORY

A travers les périodiques. See numbers of *Information historique*

Bericht über das schrifttum. See numbers of *Historische Zeitschrift*

Bibliografie československé historie za rok 1955. Československá akademie věd. Historický ústav. Prace) Nakl. Československé akademie věd '57 194p

Bibliographie. See numbers of *Zeitschrift für geschichtswissenschaft*

Bibliographie zur zeitgeschichte. See numbers of *Vierteljahrshefte für zeitgeschichte*

Bibliography. See numbers of *International review of social history*

Bibliography and notices. See numbers of *Journal of modern history*

Brinton, Clarence Crane, and others. Modern civilization; a history of the last five centuries. (Prentice-Hall history ser) Prentice-Hall '57 incl bibliog annot

Clark, G. Kitson. Guide for research students working on historical subjects. Cambridge '58 p39-56 annot

Faissler, Margareta. Key to the past; some history bks. for pre-college readers. 2d ed Service center for teachers of history '59 77p

Gustavson, Carl Gustav. Preface to history. (McGraw-Hill ser. in history) McGraw '55 p211-14 annot

Historical abstracts, 1775-1945; a quarterly of abstracts of historical articles appearing currently in periodicals the world over. Historisches seminar, Univ. Wien. See numbers

—H.A. bulletin; a companion to Historical abstracts. Historisches seminar, Univ. Wien. See numbers

Historical association. Annual bulletin of historical literature dealing with publications of the year 1954[1957] (No40-43) Philip '55-'58 4v

Das Historisch-politische buch; ein wegweiser durch das schrifttum. Musterschmitt. See numbers

International bibliography of historical sciences, 1939[1956] (V 14-25) Int. com. of historical sciences '41-'58 11v

v 15, covering 1940-1946 preparation

International committee of historical sciences. Bibliographie internationale des travaux historiques publiés dans les volumes de mélanges, 1880-1939. International bibliography of historical articles in festschriften and miscellanies; établie sous la direction de Hans Nabholz, par Margarethe Rothbarth et U. Helfenstein. Colin '55 443p

Lancaster, Joan Cadogan. Bibliography of historical works issued in the United Kingdom, 1946-1956; comp. for the 6th Anglo-Am. conference of historians. Inst. of historical research. London univ. '57 388p

Mirgeler, Albert. Wege zur geschichte; eine auswahl historischer literatur. (Cologne. Bibliothekar-lehrinstitut des landes Nordrhein-westfalen. Veröffentlichung) Greven verlag '57 138p

Other recent publications. See numbers of *American historical review*

Polska akademia nauk. Instytut historii. Bibliografia historii polskiej za lata 1952-1953. [-1950-1953] Zakład im. Ossolińskich Wydawnictwo Polskiej akademii nauk '52-'56 4v

Recueils périodiques et sociétés savantes. See numbers of *Revue historique*

Southampton. University. Institute of education. Library. Teaching of geography and history and related local studies; being a sel. list of bks. mainly in English, pub. in this century, with a note on some recent articles in periodicals. 2d ed The institute '57 32p

Summaries of theses. See numbers of London. University. Institute of historical research. Bulletin

See also

Archeology
Biography
Church history
Civilization
Colonization
Discoveries (in geography)
Economic conditions
Genealogy
Geography, Historical
Heraldry
Historical fiction
Local history
Man—Migrations
Military history
Naval history
Numismatics
Political science
Social history

Historiography

See *Historiography*

HISTORY—Continued

Manuscripts

Historical manuscripts. See numbers of London. University. Institute of historical research. Bulletin

Periodicals

Kramm, Heinrich. Bibliographie historischer zeitschriften, 1939-1951. Rasch '52-'54 3pts

Philosophy

Campbell, R. Histoire et philosophie de l'histoire. Nouv Nouv R Française 4:1063-72 Je '56

Ibn Khaldūn. Muqaddimah; an introd. to history; tr. from the Arabic by Franz Rosenthal [bibliog. by Walter J. Fischel] (Bollingen ser. v43) Pantheon bks. '58 3v v3, p 485-512

McCown, Chester Charlton. Man, morals, and history; today's legacy from ancient times and biblical peoples. Harper '58 p309-41

Sorokin, Pitirim Aleksandrovich. Social & cultural dynamics; a study of change in major systems of art, truth, ethics, law and social relationships; rev. and abr. in one vol. by the author. Sargent '57 p705-11

Thorpe, Earl Endris. Desertion of man: a critique of philosophy of history. Ortlieb press '58 p 167-75

Urmeneta, Fermín de. Principios de filosofía de la historia (a la luz del pensamiento de Balmes) memoria. Bravo '52 p 191-202

Vyverberg, Henry. Historical pessimism in the French enlightenment. (Harvard univ. Harvard historical monographs, no36) Harvard univ. press '58 p233-47 annot

HISTORY, Ancient

Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklore. Habelt. See numbers

Swain, Joseph Ward, and Armstrong, William Howard. Peoples of the ancient world. (Harper's historical ser) Harper '59 incl bibliog

See also

Archeology
Civilization, Ancient
Inscriptions

HISTORY, Local. See Local history

HISTORY, Military. See Military history

HISTORY, Modern

Bibliography. See numbers of Journal of modern history

Bruun, Geoffrey. Revolution and reaction, 1848-1952; a mid-cent. watershed. Van Nostrand '58 p 186-8

Bruun, Geoffrey. World in the twentieth century. 3d ed Heath '57 p739-93

French bibliographical digest; no 18 (ser2) History; pt 1, Contemporary history. Cultural div, French embassy '56 60p annot

Herre, Franz, and Auerbach, Hellmuth. Bibliographie zur zeitgeschichte und zum zweiten weltkrieg für die jahre 1945-50. Inst. für zeitgeschichte '55 254p

Palmer, Robert Roswell. History of the modern world; 2d ed, rev. with the collaboration of Joel Colton. Knopf '56 p899-945 annot

Renouvin, Pierre. Le XIX^e siècle. (Histoire des relations internationales, v5-6) Hachette '54-'55 2v incl bibliog

Renouvin, Pierre. Les crises du XX^e siècle. (Histoire des relations ints, v 7-8) Hachette '57-'58 2v incl bibliog

Rota, Ettore. Questioni di storia contemporanea. Marzorati '52-'53 3v incl bibliog

Scott, Franklin Daniel, and Buckhout, Gerard L. Twentieth century world; a reading guide. 10th ed Chandler's '54 97p

Snyder, Louis Leo. World in the twentieth century. (Anvil original no4) Van Nostrand '55 p 183-4

See also

Nineteenth century
Reformation
Renaissance
Seventeenth century
Sixteenth century

HISTORY, Naval. See Naval history

HISTORY, Universal

Arévalo Cárdenas, Juan. Historia de los pueblos del mundo. (Enciclopedia amena de cultura) Compañía bibliog. española '57 incl bibliog

Barbagallo, Corrado. Storia universale. new ed rev & enl Unione tipografico-editrice torinese '50-'54 5v incl bibliog

Brace, Richard Munthe. Making of the modern world; from the renaissance to the present. Rinehart '55 incl bibliog annot

Comptes rendus critiques. See numbers of Revue historique

Franz, Günther. Bücherkunde zur weltgeschichte vom untergang des römischen weltreiches bis zur gegenwart. Oldenbourg '56 544p

Hayes, Carlton Joseph Huntley, and others. World history. 3d rev ed Macmillan '55 incl bibliog

National council for the social studies. World history bibliography committee. World history book list for high schools; a sel. for sup. reading. (Bul. no31) The council '59 119p

New York (state). Bureau of secondary curriculum development. World history bibliography. The bureau '58 112p

Notes bibliographiques. See numbers of Revue historique

Platt, Nathaniel, and Drummond, Muriel Jean. Our world through the ages. 2d ed Prentice-Hall '59 incl bibliog annot

Rae, John Bell, and Mahoney, Thomas Henry Donald. United States in world history; from its beginnings to world leadership. 2d ed (McGraw-Hill ser. in history) McGraw '55 p791-807 annot

Wallbank, Thomas Walter. Man's story; world history in its geographic setting. Scott '56 incl bibliog annot

Weber, Nicholas Aloysius, and White, John L. Civilization for modern times. Catholic education press '55 incl bibliog

HISTORY of biblical events. See Bible—History of biblical events; Bible. Old Testament—History of biblical events

HITCHCOCK, Henry Russell, 1903-

American association of architectural bibliographers. Henry Russell Hitchcock; the first ten years, 1928-1937. (Pub. no 10) The association '58 4, 6p

HITSCHMANN, Edward, 1871-1957

Hitschmann, Edward. Great men; psychoanalytic studies; foreword by Ernest Jones; ed. by Sydney G. Margolin with the assistance of Hannah Gunther. Int. univ. press '56 p272-8

HITTITES

Marek, Kurt W. Secret of the Hittites; the discovery of an ancient empire, by C. W. Ceram [pseud] tr. from the German by Richard and Clara Winston. Knopf '56 p261-81

HJELMSLEV, Louis, 1899-

Siertsema, Bertha. Study of glossematics; critical survey of its fundamental concepts. Nijhoff '55 p227-9

HOAGLAND, Dennis Robert, 1884-1949

Kelley, W. P. Dennis Robert Hoagland, 1884-1949. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p 137-43)

HOARDING instinct (comparative psychology)

Ross, S. and others. Hoarding: an analysis of experiments and trends. J Gen Psychol 52:325-6 Ap '55

HOBBIES

De Grummond, Lena Young, and Robertson, Minns Sledge. How to have what you want in your future. Pageant press '59 p63-72

Mulac, Margaret Elizabeth. Hobbies; the creative use of leisure. Harper '59 incl bibliog

See also

Collectors and collecting

HOCHSTETTER, Ferdinand, 1861-1954

Elze, C. Ferdinand Hochstetter. Anat Anz 103:313-17 S '56

HOCKEY

- Field hockey—lacrosse guide with official rules and standards. Sept. 1958-Sept. 1960; eds: Elizabeth F. Cooper and Marion R. Phillips [Bibliog. for field hockey by Eleanor J. Graham; Rev. bibliog. for lacrosse by the Lacrosse committee] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p44-5
- HODGE, Frederick Webb, 1864-1956
Anderson, A. J. O. Frederick Webb Hodge, 1864-1956. *Hispan Am Hist R* 38:265-7 My '58

HODGKINS, Frances, 1869-1947

- McCormick, Eric Hall. Works of Frances Hodgkins in New Zealand. Auckland city art gallery '54 p257-63

HOENE-WRONSKI, Józef Maria, 1776-1853

- Gawecki, Bolesław J. Wronski i o Wronskim; Katalog prac filozoficznych Hoene-Wronskiego oraz literatury dotyczącej jego osoby i filozofii. (Polska akad. nauk. Komitet filozoficzny. Monografie bibliog. no 1) Państwowe wydawn. naukowe '58 161p

HOFER, Carl, 1878-1955

- Martin, Kurt. Rede auf Karl Hofer. Akad. der bildenden Künste '57 p 19-30

HOFFMEISTER, Johannes, 1894-1956?

- Nicolin, Friedhelm, and Pöggeler, Otto, eds. Johannes Hoffmeister zum Gedächtnis. Mainer '56 p56-61

HOFMANN, Hans, 1880-

- Wight, Frederick Stallknecht, Hans Hofmann. Univ. of Calif. press '57 p64-5

HOFMANNSTHAL, Hugo Hofmann, edler von, 1874-1929

- Pulver, Elisabeth. Hofmannsthals Schriften zur Literatur. (Sprache und dichtung; forschungen zur deutschen sprache, literatur und volkskunde, new ser, v 1) Haupt '56 p 133-7
- Rey, W. H. Gebet zeugnis: ich war da. Die gestalt Hofmannsthal's in bericht und forschung. Euphorion 50 no4:443-78 '56
- Weischedel, H. Hofmannsthal-forschung, 1945-1958. Deutsch Vierteljahrs Literaturw & Geistesgesch 33:63-103 Ap '59

HOFMEISTER, Adolf, 1883-

- Scheil, Ursula, ed. Festschrift Adolf Hofmeister zum 70. geburtsstage am 9. August 1953, dargebracht von seinen schülern, freunden und fachgenossen [bibliog. by H. Ziegler] Niemeyer '55 p325-42

HOGARTH, William, 1697-1764

- Quennell, Peter Courtney. Hogarth's progress. Viking '55 p301-4

HOGS. See Swine

HOISTING machinery

- See also
Conveying machinery
Cranes, derricks, etc.

HOKUSAI, 1760-1849

- Hillier, Jack Ronald. Hokusai, paintings, drawings and woodcuts. Phaidon '55 p 133
- Kondō, Ichitarō. Katsushika Hokusai, 1760-1849; English text by Elise Grilli, based upon the Japanese text of Ichitarō Kondō. (Kodansha lib. of Japanese art, no 1) Tuttle '55 2p at end

HOL, Jacoba Brigitta Louise, 1836-

- Earth: its crust and its atmosphere; geomorphological and geophysical studies presented to Prof Jacoba B. L. Hol on July 6th 1957. Brill '57 p4-5

HÖLDERLIN, Friedrich, 1770-1843

- Beck, A. Schrifttum über Hölderlin, 1947-1948 [1-1948-1951] Hölderlin-Jahrb 1950:147-75; 1952:126-54 '50-'52

Bibliographie zur Friedensfeier, Hölderlin-Jahrb 9:105-8 '57

- Burger, H. O. Die Hölderlinforschung der jahre 1940-1955. Deutsch Vierteljahrs Literaturw & Geistesgesch 30 no2/3:329-66 '56
- Kohler, M. Hölderlin-bibliographie, 1951-1955. Hölderlin-Jahrb 9:262-313 '57
- Pellegrini, Alessandro. Hölderlin; storia della critica. (Critica e storia) Sansoni '56 p421-40

HOLIDAYS

- Home for the holidays. N Y Pub Lib Br Lib Bk News 34:15-22 D '56 annot

See also
Christmas
New Year

HOLLAND. See Netherlands

HOLMDAHL, David E. 1887-1956

- Ask-Upmark, E. David E. Holmdahl. Anat Anz 103:370-4 N '56

HOLMES, Arthur, 1890-

- Hedberg, H. D. Presentation of Penrose medal to Arthur Holmes. Geol Soc Am Proc 1956:71-4 S '57

HOLMES, Oliver Wendell, 1809-1894

- Tilton, E. M. Literary bantlings: addenda to the Holmes bibliography. Bibliog Soc Am Pa 51 no 1:18 '57

HOLOTHURIANS

- Domantay, J. S. Some holothurians from Florida in the collection of the Allan Hancock foundation. Agra Univ J Res 7:200-2 J1 '58

HOLOTHURIANS, Fossil

- Frizzell, Donald Leslie, and Exline, Harriet. Monograph of fossil holothurian sclerites. (Bul. Technical ser, no89) School of mines & metallurgy, Univ. of Mo. '55 p 156-64

HOLSTEIN, Ludvig Ditlev greve, 1864-1943

- Andersen, Harry. Ludvig Holsteins kunst. (Copenhagen. Univ. Festschrift i anledning af Univ. årsfest, nov. 1956) The university '56 p 133-8

HOLTBY, Winifred, 1898-1935

- Handley-Taylor, Geoffrey. Winifred Holtby; a concise and sel. bibliog. together with some letters; with a foreword by Vera Brittain. Brown '55 76p

HOLTHUSEN, Hermann, 1886-

- Arbeiten von Prof Dr Hermann Holthusen. Hamburg. Fortsch Gebiet Röntgenstrahl & Nuklearned 35:379-84 O '56

HOLTZMANN, Walther, 1891-

- Beiträge zur reichs- und papstgeschichte des hohen mittelalters; ausgewählte aufsätze. (Bonner historische forschungen, v8) Röhrscheid '57 p235-8

HOLY alliance

- Bourquin, Maurice. Histoire de la Sainte alliance; avec un autographe inédit du prince de Metternich. Georg '54 p 479-89

HOLY Ghost fathers

- Koren, Henry J. Spiritans; a history of the Congregation of the Holy Ghost. (Duquesne studies. Spiritan ser, 1) Duquesne univ. '58 p601-12 annot

HOLY Roman empire

- History
Franconian house, 1024-1125

See also

- Germany—History—Franconian house, 1024-1125

HOLY shroud

- Bulst, Werner. Shroud of Turin; tr. by Stephen McKenna and James J. Galvin; in co-operation with the Holy shroud guild. Bruce pub. '57 p 147-55

HOLY Spirit

- Crump, Francis Joseph. Pneuma in the Gospels. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no82) Catholic univ. of Am. press '54 p53-7

- Davies, John Gordon. Spirit, the church, and the sacraments. Faith press '54 p227-30

- Hamilton, Neill Quinn. Holy Spirit and eschatology in Paul. (Scottish Journal of theology. Occasional papers, no6) Oliver '57 p91-4

- Krusche, Werner. Das Wirken des Heiligen Geistes nach Calvin. (Forschungen zur kirchen- und dogmengeschichte, v7) Vandenhoeck & Ruprecht '57 p344-8

- Thomas, William Henry Griffith. Holy Spirit of God. 3d ed (Princeton theological seminary. L. P. Stone lectures, 1913) Eerdmans '55 p286-90

See also

Trinity

HOLY week

- Notre Dame, Indiana. University. Analysis of the restored Holy week rites for pastoral use; a rep. of the seminar for priests arr. and conducted by the Univ. of Notre Dame, Feb. 7-9, 1956, at the request of the Liturgical conference; ed. by the Notre Dame liturgical committee. Univ. of Notre Dame press '56 p 112-15 annot

HOMAGE volumes. See Festschriften

HOME

See also

- Family
Marriage

- HOME and the school. See School and the home

HOME economics

- Abstracts. See numbers of Journal of home economics

HOME economics—Continued

Abstracts of doctoral theses related to home economics, 1954-55[1-1957-58] J Home Econ 48:208-16; 49:223-34; 50:223-30; 51:217-23 Mr '56, Mr '57, Mr '58, Mr '59

American home economics association. Selected bibliography of theses and research in family economics, and home management; prepared by Elizabeth Wiegand. The association '54 16p—1957 supplement, prepared by Emma G. Holmes. The association 57 19p

American home economics association. Home economics in business section. Textiles, apparel, and home furnishings committee. Bibliography of educational materials in textiles, apparel, home furnishings, and grooming. rev ed The association '55 27p

Hall, Olive A. Home economics; careers and homemaking. Wiley '58 incl bibliog

Peet, Louise (Jenison). Young homemakers' equipment guide. Iowa state college press '58 p223-33

Phillips, Velma. Home economics careers for you. (Harper's home economics ser) Harper '57 p257-68

United States. Agricultural research service. Titles of completed theses in home economics and related fields in colleges and universities of the United States, 1950-51[1-1957-58] The service '51-'58 8v

United States. Superintendent of documents. Home economics. (Price list 11, 50th ed) U.S. Gov. ptg. office '59 16p

See also

Budget, Household
Canning and preserving
Cookery
Cost and standard of living
Dressmaking
Food
Furniture
Interior decoration
Labor saving devices
Laundry

Research

Morgan, Mildred I. Bibliography to accompany The contributions and needs of home economics research in the area of family relations in the Journal of home economics, vol. 51, no5, May 1959. Am. home economics assn. '59 12p

Study and teaching

Mallory, Berenice, and Buffum, Mary Laxson. Education for homemaking in the secondary schools of the United States. (U.S. Office of education. Special ser, no4) U.S. Gov. ptg. office '55 p31-2 annot

Michigan. Office of vocational education. Annotated bibliography for homemaking education teachers; incl. sources for buls. and pamphlets, comp. by staff of the Homemaking education division. The office '52 46p

New York (state). Bureau of home economics education. Bibliography in homemaking education for secondary schools. The bureau '59 22p

Otto, Arleen C. New designs in homemaking programs in junior high schools. (Studies in education) Teachers college '58 p98-100

Pennsylvania. Department of public instruction. Education for homemaking in the secondary schools of Pennsylvania; a guide for administrators and teachers. rev (Bul. 320) The department '55 p85-6

See also

Consumer education

HOME economics workers

Angel, Juvenal Londoño. Careers in home economics. (Monograph no38) World trade '56 p20-2

HOME ownership

See also

Mortgages

HOME study

Bard, Harry. Homework: a guide for secondary school teachers. (Education pamphlets) Rinehart '58 p57-8

HOMEMAKER service. See Visiting housekeepers

HOMER

Buffière, Félix. Les mythes d'Homère et la pensée grecque. (Coll. d'études anciennes publiée sous le patronage de l'Association Guillaume Budé) Les Belles lettres '56 p633-42

Lord, George de Forest. Homeric renaissance; the odyssey of George Chapman. (Yale univ. Studies in English, v 131) Yale univ. press '56 p219-24

HOMES, institutional

See also

Old age homes

HOMEWORK. See Home study

HOMICIDE

Wolfgang, Marvin E. Patterns in criminal homicide. Univ. of Pa. '58 p341-60

See also

Murder

Suicide

Fiction

Davis, David Brion. Homicide in American fiction, 1798-1860; a study in social values. Cornell univ. press '57 p315-40

HOMILETICS. See Preaching

HOMOPTERA

See also

Coccoidea

Leafhoppers

Scale insects

HOMOSEXUALITY

Brown, D. G. Inversion and homosexuality. Am J Orthopsychiat 28:428-9 Ap '58

West, Donald James. Other man; a study of the social, legal and clinical aspects of homosexuality; with a foreword by Alfred A. Gross. Morrow '55 p211-18

HONDURAS, British. See British Honduras

HONEY

See also

Bees

HONEY guides

Friedmann, Herbert. Honey-guides. (U.S. Nat. museum. Bul. 208) Smithsonian inst. '55 p265-78

HONEYDEW

Ewart, W. H. and Metcalf, R. L. Preliminary studies of sugars and amino acids in the honeydews of five species of coccids feeding on citrus in California. Entom Soc Am Ann 49:446-7 S '56

HONGKONG

Ingrams, William Harold. Hong Kong. (Corona lib) H.M.S.O. '52 p291-6

HOOKE, Robert, 1635-1703

'Espinasse, Margaret. Robert Hooke. Univ. of Calif. press '56 p 156-67

HOOVER, Herbert Clark, 1874-

Wolfe, Harold. Herbert Hoover; public servant and leader of the loyal opposition; a study of his life and career. (Banner bk) Exposition '56 p489-91 annot

HOOVER dam

United States. Bureau of reclamation. Story of Hoover dam. (U.S. Dept. of the interior. Conservation bul. no9) U.S. Gov. ptg. office '55 p75-7

HOPI Indians

Eggan, D. Instruction and affect in Hopi cultural continuity. Sw J Anthropol 12:366-70 Winter '56

Smith, Watson. Kiva mural decorations at Awatovi and Kawaika-a; with a survey of other wall paintings in the Pueblo southwest. (Awatovi expedition. Reps, no5; Papers, v37) Peabody museum of Am. archaeology & ethnology, Harvard univ. '52 p327-47

HOPKINS, Gerard Manley, 1844-1889

Heuser, Alan. Shaping vision of Gerard Manley Hopkins. Oxford '58 p 119-22

HOPS

Burgess, Abraham Hale. Hop growing and drying. (Gt. Brit. Ministry of agriculture, fisheries and food. Bul. no 164) H.M.S.O. '56 p61-2

Miller, R. H. Morphology of humulus lupulus. Am J Bot 45:430-1; 46:277 My '58, Ap '59

HORGEN, Switzerland (city)

Kläui, Paul. Geschichte der gemeinde Horgen; mit beiträgen von Verena Bodmer-Gessner [et al] The author '52 p695, 704-6

HORMONES

Andrews, F. N. and others. Effect of oral and subcutaneous estrogen and androgen administration on growth and carcass quality of lambs. J Animal Sci 15:586-8 My '56

Armstrong, D. T. and Hansel, W. Alteration of the bovine estrous cycle with oxytocin. J Dairy Sci 42:541-2 Mr '59

HORMONES—Continued

- Bell, Marvin Carl, and others. Use of urea and stilbestrol in rations for beef cattle. (Bul. 277) Agricultural experiment station, Univ. of Tenn. '57 p28-30
- Camp, A. A. and others. Response to diethylstilbestrol injections of growing chicks fed various protein levels. *Poultry Sci* 36:177-8 Ja '57
- Conference on new steroid compounds with progestational activity [held and supported conjointly by the N.Y. acad. of sciences and Parke, Davis & co, Detroit, Mich, G. D. Searle & co, Chicago, and E. R. Squibb & sons, New York, Oct. 7 and 8, 1957] (Annals, v71, article 5) N.Y. acad. of sciences '58 incl bibliog
- Davey, R. J. and Wellington, G. H. Studies on the use of hormones in lamb feeding. *J Animal Sci* 18:74, 84 F '59
- Foster, T. S. Gonadotrophins of bovine blood and urine. *Can J Ag Sci* 36:469-70 N '56
- Gorski, J. and others. Sources of progestins in the pregnant cow. *J Dairy Sci* 41:1385-6 O '58
- Harris, Geoffrey Wingfield. Neural control of the pituitary gland. (Physiological soc. Monograph no3) Arnold '55 incl bibliog
- Herrick, R. B. and Adams, J. L. Effect of exogenous gonadal hormones on single comb white leghorn pullets. *Poultry Sci* 34:1367 N '55
- Hildemann, W. H. Effects of sex hormones on the secondary sex characters of leibistes reticulatus. *J Exp Zool* 126:11-13 Je '54
- Melampy, R. M. and others. Effect of progesterone on the estrous response of estrogen-conditioned ovariectomized cows. *J Animal Sci* 16:974-5 N '57
- Merck and company, incorporated. Cortone (cortisone, Merck) and related hormonal substances. (Annot. bibliog. 4) The company '52 99p
- Morris, G. E. Failure of steroid therapy in contact dermatitis. *Ind Med* 24:540 D '55
- Nandi, Satyabrata. Hormonal control of mammaryogenesis and lactogenesis in the C_57H/He Crj mouse. (Calif. Univ. Pubs. in zoology, v65, no 1) Univ. of Calif. press '59 p52-7
- Novalles, R. R. Effects of osmotic pressure and sodium concentration on the response of melanophores to intermedin. *Physiol Zool* 32:27-8 Ja '59
- Nutting, W. L. and Cleveland, L. R. Effects of glandular extirpations on cryptocercus and the sexual cycles of its protozoa. *J Exp Zool* 137:36-7 F '58
- Pincus, Gregory, and Thimann, Kenneth Vivian. Hormones: physiology, chemistry, and applications. Academic press '48-'55 3v incl bibliog
- Shellabarger, C. J. Comparison of triiodothyronine and thyroxine in the chick goiter-prevention test. *Poultry Sci* 34:1139-40 N '55
- Thrasher, G. W. and others. Effect of estrogenic and androgenic compounds upon growth and carcass composition of swine. *J Animal Sci* 18:408-9 F '59
- Turner, C. W. and others. Experimental induction of growth of the cow's udder and the initiation of milk secretion. *J Dairy Sci* 39:1728-9 D '56
- Vyskočil, J. Endocrine functions in silicotics. *AMA Archives Ind Hygiene & Occup Med* 9:412-13 My '54
- Williams, Walter F. and Turner, Charles Wesley. Intracellular distribution of radioiodine labeled lactogenic hormone in the rabbit mammary glands. (Research bul. 598) Agricultural experiment station, Univ. of Mo. '56 p46-52
- See also*
- ACTH**
Androgens
Cortisone
Estrogens
Oxytocin
Pituitary extract
Progesterone
Stilbestrols
Thyroxine
- HORMONES (plants)**
Bannan, M. W. Some aspects of the elongation of fusiform cambial cells in thuja occidentalis L. *Can J Bot* 34:193-6 Ja '56
- Dastur, R. H. and Bhatt, J. Effect of chemical hormones on the carbohydrates and nitrogen contents of cotton plant. *Indian J Ag Sci* 26:78-9 Mr '56

Nitsch, J. P. Free auxins and free tryptophane in the strawberry. *Plant Physiol* 30:38-9 Ja '55

Pincus, Gregory, and Thimann, Kenneth Vivian. Hormones: physiology, chemistry, and applications. Academic press '48-'55 3v incl bibliog

See also

Auxins
Heteroauxin

HORNY, Franz Theobald, 1798-1824

Scheidig, Walther, Franz Horny, 1798 Weimar-Olevano 1824. Henschelverlag '54 p 153-84

HORODISCH, Abraham. 1898-

Dronckers, E. Werken en geschriften van Dr. Abraham Horodisch. (In Amor librorum. Safaho foundation '53 p ix-xvii)

HOROLOGY

See also

Clocks and watches

HOROSCOPE. See Astrology

HORSE breeding

Bain, A. M. Estrus and infertility of the thoroughbred mare in Australasia. *Am Vet Med Assn J* 131:184-5 J1 15 '57

Borrmann, M. Untersuchungen über die trächtigkeitsdauer und die verteilung des geschlechtsverhältnisses in den verschiedenen jahreszeiten beim englischen vollblutpferd und beim mecklenburger warmblutpferd. Halle Univ Wiss Z Math Naturw Reihe 6:576-7 J1 '57

Keeneland association library, Lexington, Kentucky. Keeneland association library; a guide to the coll. by Amelia King Buckley. Univ. of Ky. press '58 206p

HORSE flies

Fairchild, Graham Bell. Synonymical notes on neotropical flies of the family tabanidae (diptera) (Smithsonian misc. colls, v 131, no3) Smithsonian inst. '56 p32-8

Mackerras, I. M. Classification and distribution of tabanidae (diptera) Australian J Zool 3:508-10, 629-31 O-D '55

Mackerras, I. M. Tabanidae of Australia. Australian J Zool 4:401-7 D '56

Oldroyd, H. Horse-flies (diptera: tabanidae) of the Ethiopian region. British museum '52-'54 2v v 1, p208-11; v2 p336-8

Philip, C. E. and Fairchild, G. B. American biting flies of the genera chlorotabanus Lutz and cryptotylus Lutz (diptera, tabanidae) Entom Soc Am Ann 49:324 J1 '56

HORSE racing

Allen, J. A. Steeplechaser's library; a bibliography. (In Willoughby de Broke, John Henry Peyto. Steeplechasing; foreword by Lord Bicester. (Lonsdale lib. of sports, games & pastimes, v32) Seeley '54 p319-22)

Eliot, Lady Elizabeth. Portrait of a sport: the story of steeplechasing in Great Britain and the United States. Countryman '58 p 139-41

Keeneland association library, Lexington, Kentucky. Keeneland association library; a guide to the coll. by Amelia King Buckley. Univ. of Ky. press '58 206p

HORSEMANSHIP

Archery-riding guide, June 1958-June 1960; eds: Grace Robertson and Claire Noyes. [Sel. archery bibliog. by Helen Hoover; Riding bibliog. by Patricia Horst] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health & physical education & recreation '58 p 117-18

Baranowski, Zdzislaw. International horseman's dictionary. Barnes '55 p 176

HORSES

Björck, Gustav. Studies on the draught force of horses. (Acta agriculturae scandinavica. Sup. no4) Almqvist '58 p 107-9

Prates Trivelin, Antonio. Contribuição ao estudo da raça Mangalarga no estado de S Paulo. Piracicaba '54 p93-6

See also

Draft horses

Diseases and pests

Babić, Ivo, and others. Nametnici i nametničke bolesti konja. Jugoslavenska akademija znanosti i umjetnosti '53 incl bibliog

Monteverde, José Julio, and Garbers, Guillermo V. Infecciones debidas a salmonella abortus-equi en la República Argentina. (Pubs, no7) Escuela de veterinaria, Univ. de Buenos Aires '56 p94-8

Roberts, S. J. Sequelae of leptospirosis in horses on a small farm. *Am Vet Med Assn J* 133:194 Ag 15 '58

HORSES—Diseases and pests—*Continued*
Stein, C. D. and others. Some observations on carriers of equine infectious anemia. *Am Vet Med Assn J* 126:286-7 Ap '55

See also

Parasites—Horses

HORSLEY, Sir Victor Alexander Haden, 1857-1916

United States. National institute of neurological diseases and blindness. Great names in neurology; bibliog. of writings by Joseph Babinski, Victor Horsley, Charles Sherrington, and Arthur van Gehuchten; prepared for the first int. congress of neurological sciences, Brussels, July 21-28, 1957. (U.S. Public health service, Pub. no554; Public health bibliog. ser. no 17) The institute '57 p29-38

HORTICULTURE

Abstracts. See numbers of Journal of the science of food and agriculture

Agricultural and horticultural engineering. Scientific intelligence unit, Nat. inst. of agricultural engineering. See numbers

Commonwealth bureau of horticulture and plantation crops. Horticultural abstracts. The bureau. See numbers

Great Britain. Ministry of agriculture, fisheries and food. Library. Selected and classified list of books relating to agriculture, horticulture, etc. 4th ed. (Gt. Brit. Ministry of agriculture, fisheries and food. Bul. no78) H.M.S.O. '58 96p

Shoemaker, James Sheldon, and Teskey, Benjamin J. E. Practical horticulture. (Wiley farm ser) Wiley '55 incl bibliog

United States. Agricultural marketing service. Bibliography of marketing and other economic information for floriculture and ornamental horticulture; comp. by M. Truman Fossum. The service '54 12p

See also

Fruit culture

Gardening

Periodicals

Cornell university. New York state college of agriculture. Bailey hortorium. Bibliography of current horticultural periodicals, 1954; comp. by Sandra Shepard. The university '55 54p

Directory of American horticulture for 1958. Am. horticultural council '58 p64-70

Schleswig-Holstein

Brüggemann, Günter. Die holsteinische baumschulenlandschaft. (Kiel. Univ. Geographisches inst. Schriften v 14, no4) Hirt '53 p 104-12

HORTON, Frank, 1878-1957

Whiddington, R. Frank Horton. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p 125-7)

HOSIERY

Grass, Milton N. History of hosiery; from the piloi of ancient Greece to the nylons of modern America. Fairchild '55 incl bibliog

HOSIERY industry

Haan, Johannes Dirk de. Full-fashioned hosiery industry in the U.S.A. Mouton '57 p 177-82

Patrick, A. Weyman. Theory and technique of cost accounting in the hosiery industry. (Mich. business studies, v 12, no3) Bur. of business research, Univ. of Mich. '56 p216-25

HOSKINS, John Hobart, 1896-1957

John Hobart Hoskins (1896-1957) Lloydia 20:v-vi Mr '57

HOSPITALS

Bennett, Abram Elting, and others. Practice of psychiatry in general hospitals. Univ. of Calif. press '56 incl bibliog

Burling, Temple, and others. Give and take in hospitals; a study of human organization in hospitals; foreword by George Bugbee. Putnam '56 p334-43 annot

Hospital periodical literature index. Am. hospital assn. See numbers

National society for crippled children and adults. Library. Brief checklist of available publications relating to architectural planning for the physically handicapped. rev ed (Architectural planning bul. 2) The library '55 3p

Sheps, M. C. Approaches to the quality of hospital care. *Pub Health Rep* 70:884-6 S '55

Staphylococcal infections in the hospital and community [symposium] by R. T. Ravenholt and others. *Am J Pub Health* 48: 277-318 Mr '58 incl bibliog

Technical bibliography. *Am Inst Arch J* 28: 375-8 O '57

See also

Children—Hospitals

Nurses and nursing

Administration

Catholic hospital association of the United States and Canada. Supervisory development for hospitals; a sel. annot. bibliog. comp. by Beverly Franks Dordick. The association '57 88p

MacEachern, Malcolm Thomas. Hospital organization and management. 3d rev ed Physicians' record co. '57 incl bibliog

Construction

Nuffield provincial hospitals trust. Studies in the functions and design of hospitals; the rep. of an investigation sponsored by the Trust and the Univ. of Bristol. Oxford '55 incl bibliog

Management and regulation

Goettelman, G. M. Scientific management enters civic affairs. *Advanced Management* 20:11 S '55

United States. Veterans administration. Medical and general reference library. Hospital administration and management; a sel. bibliog. prepared for the use of the Inter-agency inst. for federal hospital administrators; rev. by Muriel R. McKenna. The library '56 150p

Outpatient services

Windemuth, Audrey. Nurse and the outpatient department. Macmillan '57 incl bibliog

HOSPITALS, Psychiatric

Caudill, William A. Psychiatric hospital as a small society. Harvard univ. press '58 p379-89

Linn, Louis. Handbook of hospital psychiatry; a practical guide to therapy. Int. univ. press '55 incl bibliog annot

Mishler, E. G. and Tropp, A. Status and interaction in a psychiatric hospital. *Human Relations* 9 no2:203-5 '56

Wells, F. L. Bibliography. (In Greenblatt, Milton, and others. From custodial to therapeutic patient care in mental hospitals; explorations in social treatment. Russell Sage '55 p430-84)

HOST-parasite relationship. See Parasites—Hosts

HOSTEN, H. fl 1906-1930

Correia-Afonso, John. Jesuit letters and Indian history; a study of the nature and development of the Jesuit letters from India (1542-1773) and of their value for Indian historiography; with a pref. by Georg Schurhammer. (Studies in Indian history, no20) Indian historical research inst, St Xavier's college '55 p 170-4

HOSTILITIES. See War (international law)

HOSTOS Y BONILLA, Eugenio María de, 1839-1903

Hostos, Eugenio Carlos de, ed. Eugenio María de Hostos, a promoter of Pan Americanism; a coll. of writings and a bibliography. Impr. litografía y encuadernación J. Bravo '54 p273-311

Hostos, Eugenio Carlos de, ed. Hostos, peregrino del ideal; ideario y trabajos acerca de Eugenio María de Hostos y apéndice. Ediciones literarias y artísticas '54 p419-54

HOT springs

Studt, F. E. Wairakei hydrothermal system and the influence of ground water. *N Z J Sci & Tech secB* 38:622 My '57

White, D. E. Thermal waters of volcanic origin. *Geol Soc Am Bul* 68:1656-7 D '57

HOTCHKISS, William Otis, 1878-1954

Bean, E. F. Memorial to William Otis Hotchkiss (1878-1954) *Geol Soc Am Proc* 1955:136-7 Jl '56

HOTELS, taverns, etc.

Angel, Juvenal Londono. Careers in hotel and restaurant administration. World trade acad. press '55 p25-6

HOTELS, taverns, etc.—Continued

Cornell university. School of hotel administration. Hotel management and related subjects; a sel. list of bks, pamphlets, and 1955[-1958] periodical articles. (Hotel adm. no 15-18) The school '56-'59 4v
Lundberg, Donald E. Inside innkeeping. Brown '56 p 165-70

Voegelé, Walter O. Restaurant business; incl. all types of commercial food service establishments. (Vocational and professional monographs, no37) Bellman '56 p26-9

See also

Restaurants, lunch rooms, etc.

HOTHOUSES. See Greenhouses

HOTTENTOTS

Tobias, P. V. Physical anthropology and somatic origins of the Hottentots. African Stud 14 no 1:14-15 '55

HOUDINI, Harry, 1874-1926

Gresham, William Lindsay. Houdini; the man who walked through walls. Holt '59 p300-6 annot

HOURS of labor

Detroit. Public library. Social sciences department. Shorter work week; sel. references. The library '58 11p

Princeton university. Industrial relations section. Shorter work week. (Sel. references, no75) The section '57 4p annot

See also

Child labor

HOUSE organs

Björkbohm, Carl. Förteckning över i Sverige utgivna löpande företagsidskrifter, 1957. List of Swedish house journals, current 1957 December. (Handbok 2) Tekniska litteratursällskapet '58 28p

Gebbie press house magazine directory, 1958; a public relations and freelance guide to the nation's leading house magazines. Gebbie press '58 457p

Handbuch der hauszeitschriften. Bibliographie der firmenpresse; hrsg. von Ernst Schmidt. 4th ed Merten '56 57,384p

See also

Employees' magazines, handbooks, etc.

HOUSEHOLD appliances

Peet, Louise (Jenison) and Thye, Leonore Sater. Household equipment. 4th ed Wiley '55 incl bibliog

HOUSEHOLD pests

See also

Bedbugs
Cockroaches
Flies

HOUSEKEEPERS, Visiting. See Visiting housekeepers

HOUSING

Beyer, Glenn H. Housing: a factual analysis. Macmillan '58 p329-38

Bogotá. Inter-American housing center. Library. Lista de nuevas adquisiciones. See numbers

Holm, Lennart. Familj och bostad: en redovisning av fem fältstudier i moderna svenska familjebostäder, 1951-1954. Hemmens forskningsinstitut '55 p223-36

Massachusetts institute of technology. Albert Farwell Bemis foundation. International bibliography of prefabricated housing, by Phyllis M. Kelly and Caroline Shillaber. The foundation '54 p i-xi

National association of home builders of the United States. National housing center. Library. Basic texts and reference books on housing and construction; a sel. annot bibliography. (Bibliog. ser, no2) The association '56 52p annot

New York (city). Public library. Municipal reference service. Housing; a bibliography. The library '57 11p

Rosow, I. Specialists' perspectives and spurious validation in housing. Marriage & Fam Living 19:277-8 Ag '57

United nations. Department of economic and social affairs. Housing through non-profit organizations. (Housing, building and planning, no 10) The department '56 p 119-21

United States. Communicable disease center. Atlanta. Training branch. Housing and health; a bibliog. coll. of appropriate annots, abstracts, and comments in the area of housing-health relationships, with particular attention given to the preventable diseases. (U.S. Public health service. Public health bibliog ser, no29) The center '59 27p

Walker, Marianne. Die bedeutung der arbeiterwohnstätte und ihre rationelle förderung im rahmen der sozialen betriebspolitik. Juris-verlag '52 p 104-8

See also

Architecture, Domestic
Building
Discrimination in housing
Slums

Statistics

United nations. Economic commission for Europe. Bibliography on studies and statistical methods relating to housing and building. The commission '56 12p

Asia

United nations. Asia and the Far East; seminar on housing through non-profit organizations. Copenhagen, 31 July-27 Aug. 1956. United nations; Int. labour organisation '58 p35-8

United nations. Tropical housing mission. L'habitation à bon marché dans les pays de l'Asie du sud et du sud-est: rapport de la Mission d'experts, 22 nov. 1950-23 janvier 1951. Dept. of social affairs '51 p250-5

—Same; with title: Low cost housing in south and south-east Asia; rep. of Mission of experts, 22 Nov. 1950-23 Jan. 1951. Dept. of social affairs '51 p205-8

Colombia

Bogotá. Inter-American housing center. Bibliografía de la vivienda de interés social en Colombia en 1953, recogida por el Servicio de intercambio científico. (Bibliog, no 1) The center '54 34p

Europe

International union of family organizations. Housing commission. Etudes sur le logement familial (Luxembourg 1955) The union '56? p 119-28

United nations. Economic commission for Europe. European housing situation. The commission '56 p53-5

Russia

Sosnovy, Timothy. Housing problem in the Soviet Union; ed. by David I. Goldstein; foreword by Gregory Grossman. (Studies on the U.S.S.R. no8) Research program on the U.S.S.R. '54 p277-90

United States

American council to improve our neighborhoods, inc. 100 selected references to problems of community development and improvement. (Action research memorandum no7) The council '55 12p

Chicago commission of human relations. Excerpts for study in connection with proposed open occupancy legislation. The commission '58 p21-4

Fisher, Robert Moore. 20 years of public housing; economic aspects of the federal program. Harper '59 p282-8

McDonnell, Timothy L. Wagner housing act; a case study of the legislative process. (Jesuit studies, no7) Loyola univ. press '57 p443-52

Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p325-7; 1957, p318-20; 1958, p324-7; 1959, p341-5

Schultz, Robert E. Life insurance housing projects. (Huebner foundation for insurance education. Studies) Irwin '56 p 146-50

Tyler, Poyntz, ed. City and suburban housing. (Reference shelf, v29, no6) Wilson '57 p 181-90

HOUSMAN, Alfred Edward, 1859-1936

Carter, John and Sparrow, John Hanbury Angus. A. E. Housman; an annot. handlist. (Soho bibliogs) Essential bks. '57 147p

Haber, T. B. A. E. Housman's poetry in book-titles. Bibliog Soc Am Pa 49 no 1:69-77; 52 no 1:62-4 '55, '58 annot

Hawkins, Maude M. A. E. Housman: man behind a mask. Regnery '58 p289-92

Scott-Kilvert, Ian. A. E. Housman. (Bibliog. ser. of sups. to British bk. news, no69) Longmans '55 p39-40

White, W. Published letters of A. E. Housman: a survey. Bul Bibliog 22:80-2 S '57

HOVEY, Richard, 1864-1900
Macdonald, Allan Houston. Richard Hovey: man & craftsman. Duke univ. press '57 p229-54

- HOVLAND, Carl Iver, 1912-**
American psychological association. Distinguished scientific contribution awards, 1957. *Am Psychologist* 13:159-62 Ap '58
- HOWARD, Leland Ossian, 1857-1950**
Graf, J. E. and Graf, D. W. Leland Ossian Howard. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p 104-24)
- HOWELLS, William Dean, 1837-1920**
Cady, Edwin Harrison. Realist at war: the mature years, 1885-1920, of William Dean Howells. Syracuse univ. press '58 p273-92
Fryckstedt, Olov W. In quest of America; a study of Howells' early development of a novelist. *Almqvist* '58 p272-81
Reeves, J. K. Literary manuscripts of W. D. Howells; a descriptive finding list. *N Y Pub Lib Bul* 62:267-78, 350-63 Je-Jl '58
Road to realism; the early years, 1837-1885, of William Dean Howells. Syracuse univ. press '56 p247-76
- HOYOS, Bernardo Francisco de, 1711-1735**
Béchar, Henri. Visions of Bernard Francis de Hoyos, S.J. apostle of the Sacred Heart in Spain; a biography. *Vantage* '59 p 176-8
- HUDSON, Claude Silbert, 1881-1952**
Small, L. F. and Wolfrom, M. L. Claude Silbert Hudson. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p 198-219)
- HUDSON Bay railway**
Fleming, Howard A. Canada's arctic outlet; a history of the Hudson Bay railway. (Calif. Univ. Pubs. in history, v54) Univ. of Calif. press '57 p 115-21
- HUDSON'S Bay company**
Galbraith, John S. Hudson's Bay company as an imperial factor, 1821-1869. Univ. of Calif. press '57 p479-87
- HUGHES, Charles Evans, 1862-1948**
Perkins, Dexter. Charles Evans Hughes and American democratic statesmanship; ed. by Oscar Handlin. (Lib. of Am. biography) Little '56 p 191-3 annot
- HUGO, Victor Marie, comte, 1802-1885**
Mauoris, André. Victor Hugo; tr. from the French by Gerard Hopkins. Cape '56 p479-96
—Same; with title: *Olympio: the life of Victor Hugo*; tr. from the French by Gerard Hopkins. Harper '56 p447-58
Savay-Casard, Paul. Le crime et la peine dans l'œuvre de Victor Hugo. Presses univ. de France '56 p385-413
- HUGO of St Victor, 1096?-1141**
Baron, Roger. Science et sagesse chez Hugues de Saint-Victor. Lethiellieux '57 p231-63
- HULL, Clark Leopold, 1884-1952**
Beach, F. A. Clark Leonard Hull. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p 136-41)
Seward, J. P. Hull's system of behavior: an evaluation. *Psychol R* 61:157-9 My '54
- HULLS (naval architecture)**
Shuford, Charles L. Theoretical and experimental study of planing surfaces including effects of cross section and plan form. (U.S. Nat. advisory com. for aeronautics. Rep. 1355) U.S. Gov. ptg. office '58 p9-10
- HULME, Thomas Ernest, 1883-1917**
Hulme, Thomas Ernest. Further speculations; ed. by Sam Hynes. Univ. of Minn. press '55 p221-3
- HUMAN behavior.** See Behavior (psychology)
- HUMAN body**
See also
Anatomy, Human
Posture
- HUMAN embryology.** See Embryology, Human
- HUMAN engineering**
Christensen, Julien M. and Collins, Harry R. Reports of research in the field of engineering psychology. (WADC technical rep. 53-75) U.S. Wright air development center '53 25p
Conklin, J. E. Human operator. *Northwest Sci* 29:148-50 N '55
Harvard university. Department of industrial hygiene. Human body size and capabilities in the design and operation of vehicular equipment [by] Ross A. McFarland [and others] Harvard school of public health '53 p224-35
McCormell, Ivan Newton, and Chapanis, Alphonse Robert Everysta. Human engineering bibliography. (Technical rep. Project NR 145-075, Contract Nonr-1268 (01) no 15) San Diego state college foundation, Calif. State college '56 128p
- McRuer, D. T. and Krendel, E. S. Human operator as a servo system element. *Franklin Inst J* 267:402-3 My '59
- Tufts university. Institute for applied experimental psychology. Human engineering bibliography, 1955-1956. (ONR rep. ACR-24) U.S. Office of naval research '57 306p
- United States. Naval research laboratory. Bellevue, D.C. Engineering psychology branch. Engineering psychology branch bibliography; comp. by Daniel Fallon. The laboratory '57 17p
- United States. Naval training device center, Port Washington, New York. Bibliography of unclassified human engineering reports. The center '58 18p
—Supplement no 1. The center '56 1p
- United States. Research and development board. Committee on human resources. Panel on human engineering and psychophysiology. Human engineering in the national defense. The board '53 p8-10 annot
- Bibliography**
- Allen, P. S. and Saul, E. V. Annotated bibliography of bibliographies pertinent to the design and use of machines by human operators. *Human Factors* 1:26-44 S '58
- HUMAN figure in art**
See also
Anatomy, Artistic
- HUMAN leopards.** See Leopard men
- HUMAN milk.** See Milk, Human
- HUMAN nature**
Williams, T. R. Evolution of a human nature. *Philos Sci* 26:12-13 Ja '59
- HUMAN relations**
Asher, Charles S. and others. Human relations in international administration; a sel. list of related readings; prepared for a Conference sponsored by Carnegie endowment for int. peace and World federation for mental health [at] La Tour-de-Peilz, Switzerland, 18-22 Feb. 1957. The endowment '57 8p annot
Brayfield, A. H. and Crockett, W. H. Employee attitudes and employee performance. *Psychol Bul* 52:422-4 S '55
Columbia university. School of engineering. Department of industrial and management engineering. Selected reading list on human relations in management; prepared for the 4th Utility management workshop, the 6th Industrial research conference, Arden house, Columbia univ, 1955. The department '55 30p annot
Conference on industrial research. Human relations in industrial research management; incl. papers from the 6th and 7th annual Conferences, Columbia univ, 1955 and 1956; ed. by Robert Teviot Livingston and Stanley H. Milberg. Columbia univ. press '57 p413-18
Cook, Lloyd Allen, and Cook, Elaine (Forsyth). School problems in human relations. (McGraw-Hill ser. in education) McGraw '57 incl bibliog
Dubin, Robert. World of work; industrial society and human relations. (Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog annot
Griffiths, Daniel Edward. Human relations in school administration. Appleton '56 incl bibliog
Hughes, James Monroe. Human relations in educational organization; a basic text in personnel administration. (Exploration ser. in education) Harper '57 p405-19 annot
Human relations in education: reviews the literature for the six-year period since Oct. 1953. *R Educ Res* 29:313-90 O '59
Lombard, George Francis Fabyan. Behavior in a selling group; a case study of interpersonal relations in a dept. store. Graduate school of business adm. Div. of research, Harvard univ. '55 p355-9
Minneapolis. Public library. Readings in human relations. Minn. Governor's human rights comm. '5-? 12p annot
New Jersey library association. Who cares? about human relations; a sel. and critical bibliog. deeply concerned with the human relations of family, community, ethnic and racial groups, religion education, business and industry. Scarecrow '57 141p annot
New York (city). Public library. Municipal reference library. Human relations; a bibliog. of recent materials. The library '56 4p
Research studies and abstracts. See numbers of Journal of human relations

HUMAN relations—Continued.

Selected readings in human relations. See numbers of Journal of human relations

Weschler, Irving R. and others. Yardsticks for human relations training. (Calif. Univ. Inst. of industrial relations. Reprint no66) Adult education assn. of the U.S. '57 p22-4
See also

Intergroup relations

Interpersonal relations

HUMAN rights. See Civil rights

HUMANISM

Baron, Hans. Crisis of the early Italian renaissance; civic humanism and republican liberty in an age of classicism and tyranny. Princeton univ. press '55 2v incl bibliog
Kristeller, Paul Oskar. Classics and renaissance thought. (Martin classical lectures, v 15) Harvard univ. press '55 p92-3

Kwee, Swan-ikat. Bibliography of humanism. Humanist league '57 44p
Occhio, Giuseppe. Umanesimo americano anti-deweyano: uno studio su Irving Babbitt con un'appendice su R. M. Hutchins e W. Lipmann. P.A.S. '55 p224-6
See also

Renaissance

HUMANITIES

Bibliography of the humanistic studies and social relations, 1952[-1957] (No 1-5) Higher education & science bur. Japan. Ministry of education '55-'59 5v

Horn, A. H. Humanist in the university library. (In North Carolina. University. Lectures in the humanities, 1955-1956. (Ser 12) (Extension bul, v36, no3) Univ. of N.C. press '57 p 18)

Periodicals

American journals in the humanities: a guide to scope and editorial policy. PMLA 72:52-65 S '57 annot

HUMBOLDT, Alexander, freiherr von, 1769-1859
Brann, Edward Rommel. Alexander von Humboldt, patron of science. Littel print. co. '54 p 19-20

De Terra, Helmut. Humboldt; the life and times of Alexander von Humboldt, 1769-1859. Knopf '55 p379-86

Stevens, Rayfred Lionel. La obra de Alexander von Humboldt en México; fundamento de la geografía moderna. (Pub. no202) Pan Am. inst. of geography & history '56 p259-69

HUMBOLDT bay, California

Washington (state). University. Department of oceanography. Humboldt bay, California; a literature survey. The department '55 incl bibliog

HUMIDIFICATION

Leva, M. and Wen, C. Y. Absorption and humidification. Ind & Eng Chem 47:507; 48:471; 49:459; 50:423; 51:339 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

HUMIDITY

United States. Weather bureau. Relative humidity; psychrometric tables Celsius (centigrade) temperatures; rev. ed. by Technical investigations sec, Station facilities and meteorological observations division. The bureau '53 p9-18
See also

Fungi, Effect of humidity on
Hygrometry

HUMILIATI

See also

Waldenses

HUMOR

Grotjahn, Martin. Beyond laughter. McGraw '57 p265-80
See also

Anecdotes

HUMOR, Pictorial

See also

Caricatures and cartoons
Comic books, strips, etc.

HUMUS

Karim, A. and Chowdhury, M. U. Decomposition of organic wastes. Soil Sci 85:54 Ja '58
See also

Compost

HUNGARIAN literature

Budapest. Országos Széchényi könyvtár. Bibliográfiai osztálya. Katalauz a magyar ifjúsági irodalomban; ajánló könyvismertetések a szépirodalom tanulmányozáshoz. (A mi íróink, 6) The library '57 p 171-4

Kozocsa, Sándor. Magyar irodalom bibliográfiája, 1953[-1954] Művelt nép könyvkiadó '54-'56 2v

HUNGARY

Állami könyvterjesztő vállalat. Általános könyvjegyzék 1953[-1955] Magyarországon megjelent és forgalomba került könyvek jegyzéke könyvterjesztők és könyvtárosok részére. The corporation '54-'56 3v
Banner, János, and Jakabffy, Imre. A Közép-Dunamedence régészeti bibliográfiája a legrégibb időkől a XI. századig. Akadémiai kiadó '54 581p

Hanzeli, Victor E. and others. Hungarians. (Subcontractor's monograph, HRAF-5) Human relations area files '55 p228-67
Helmreich, Ernst Christian, ed. Hungary; pub. for the Mid-European studies center of the Free Europe committee. (East-Central Europe under the Communists; Praeger pub. in Russian history and world communism, v49) Praeger '57 p423-49

Antiquities

Banner, János, and Jakabffy, Imre. A Közép-Dunamedence régészeti bibliográfiája a legrégibb időkől a XI. századig. Akadémiai kiadó '54 581p

Economic policy

Hajdú, Elemérné, and others, eds. Tervgazdasági statisztikai és számteli bibliográfia; a bibliog. összeállításában a Fővárosi Szabó I. és II. Közgazdasági- és jogi könyvkiadó '55 714p

History

Lengyel, Emil. 1,000 years of Hungary. Day '58 p305-6

20th century

Tiszay, Andor. Hazánk felszabadulása, 1944-1945; bibliográfia és dokumentum gyűjtemény. Fővárosi Szabó Ervin Könyvtár '55 316p

Revolution, 1956

Mészáros, J. On the eve of a revolution. J Cent Eur Affairs 13:68 Ap '58

Politics and government

Állami könyvterjesztő vállalat. Politikai könyvsorozatok jegyzéke. The corporation '52 48p

Nagy, Lajos. Jogi és államigazgatási bibliográfia, 1952. (Budapest. Állam- és jogtudományi intézet. Könyvtár, no7) Jogi- és államigazgatási könyv- és folyóiratkiadó '54 135p

HUNGER

Pangborn, R. Influence of hunger on sweetness preference and taste thresholds. Am J Clin Nutrition 7:286-7 My '59

HUNT, James Henry Leigh, 1784-1859

Current biography. Keats-Shelley J 4:109-30; 5:117-41; 6:129-57; 7:109-39; 8 no 1:51-86 '55-'59

HUNTER, Walter Samuel, 1889-1954

Graham, C. H. Walter Samuel Hunter. (In National academy of sciences. Biographical memoirs. Columbia univ. press '53 p 147-55)

HUNTING

Aymard, Jacques. Essai sur les chasses romaines, des origines à la fin du siècle des Antonins (cynegética). (Bibliothèque des écoles françaises d'Athènes et de Rome, 1st ser (in 8) no 171) E. de Boccard '51 p561-76
Chalmers, Patrick. History of hunting. (Lonsdale lib. of sports, games & pastimes, v23) Seeley '51 p377-80
See also

Game and game birds

HUNTINGDONSHIRE, England

Huntingdonshire county library, Huntingdon, England. Catalogue of the local history collection. 2d ed The library '58 59p

HUNTINGTON, Archer Milton, 1870-1955

Organization of American states. Huntington, 1870-1955 [bibliog. by J. E. Vargas] Pan Am. union '57 p41-5

HUREWICZ, Witold, 1904-1956

Lefschetz, S. Witold Hurewicz, in memoriam. Am Math Soc Bul 63:80-2 Mr '57

HURRICANES

Douglas, Marjory (Stoneman). Hurricane. Rinehart '53 p364-72

Nielsen, W., and Rigby, M. Annotated bibliography on tropical cyclones, hurricanes and typhoons. Meteorol Abst & Bibliog 7: 1115-63 S '56

HUS, Jan, 1369-1415

Machovec, Milan. Husovo učení a význam v tradici českého národa. (Studie a prameny: Sekce filosofie a historie, v3) Nakl. Československé akad. věd '53 p370-2

HUSBAND and wife

- Gay, Jean Lucien. Les effets pécuniaires du mariage en Nivernais du XIV^e au XVIII^e siècle. (Dijon. Univ. Pubs. nouv. sér., 10) Domat-Montchrestien '53 p307-16
- Riou, Michel. Le fonds de commerce dans les régimes matrimoniaux; préf. de Joseph Hamel. Dalloz '53 p401-5

HUSSITES

- Heymann, Frederick Gotthold. John Žižka and the Hussite revolution. Princeton univ. press '55 p499-507
- Macek, Josef. Husitské revoluční hnutí. 2d auth ed (Za svobodu lidu, v6) Rovnost '52 p 193-202
- Macek, Josef. Tábor v husitském revolučním hnutí. 2d ed (Československá akad. věd. Sekce filosofie a historie. Práce, v 1-2) Nakl. Československé akad. věd '56 2v v2, p408-17

HUTCHESON, Francis, 1694-1746

- Vigone, Luciana. L'etica del senso morale in Francis Hutcheson. Marzorati '54 p83-8

HUTTEN, Ulrich von, 1488-1523

- Benzing, Joseph. Ulrich von Hutten und seine drucker; eine bibliog. der Schriften Hutten im 16. Jahrhundert mit beiträgen von Heinrich Grimm. (Beiträge zum buch- und bibliothekswesen, v6) Harrassowitz '56 p 18-19

HUTTON, Edward, 1875-

- Rhodes, Dennis E. Writings of Edward Hutton; a bibliog. tribute, comp. and presented to Edward Hutton on his eightieth birthday. Hollis & Carter '55 64p

HUXLEY, Aldous Leonard, 1894-

- Brooke, Jocelyn. Aldous Huxley. (Bibliog. ser. of sups. to British bk. news, no55) Longmans '54 p29-31
- Hines, Bede. Social world of Aldous Huxley. Seraphic press '57 p84-101

HUYSMANS, Joris Karl, 1848-1907

- Baldick, Robert. Life of J. K. Huysmans. Oxford '55 p358-64
- Veyssat, Georges. Huysmans et la médecine. (Études françaises, fondées sur l'initiative de la Société des professeurs français en Amérique, no43) Les Belles lettres '50 p 183-225

HYALURONIDASE

- Emmart, E. W. and Cole, R. M. Studies on streptococcal hyaluronidase and antihyaluronidase. J Bact 70:605-7 N '55
- Faber, Viggo. Streptokok-hyaluronidase og anti-streptokok-hyaluronidase. ASH; en oversigt; with an English summary. Christ-treus bogtr. '55 p49-54

HYBRIDIZATION

- Anderson, E. and Stebbins, G. L. Hybridization as an evolutionary stimulus. Evolution 8:387-8 D '54

See also

- Allelomorphism
Bacteria—Hybrids
Heterosis

HYBRIDIZATION (botany)

- Cole, K. Effect of various trisomic conditions in *Datura stramonium* on crossability with other species. Am J Bot 43:301 D '56
- Moldenke, H. N. Hybridity in the verbenaceae. Am Midl Natur 59:366-70 Ap '58
- Weaver, J. B. Embryological studies following interspecific crosses in *Gossypium*. Am J Bot 44:214; 45:15-16 Mr '57, Ja '58

HYDATID disease. See Enchinococcosis**HYDRACARINA. See Water mites****HYDRATION**

- Hammer, W. F. and McDonald, D. W. Hydration and hydrolysis. Ind & Eng Chem 48: 1627-8; 49:1521-2; 50:1368-9 S '56, S '57, S '58

HYDRAULIC engineering

- Butler, Stanley S. Engineering hydrology. (Prentice-Hall civil engineering and engineering mechanics ser) Prentice-Hall '57 incl bibliog
- Digest of current literature. See numbers of Water and water engineering
- Hammond, Rolt. Water power engineering and some electrical problems; with a foreword by H. D. Morgan. Macmillan '58 incl bibliog
- Langbein, Walter Basil, and Hoyt, William G. Water facts for the nation's future; uses and benefits of hydrologic data programs. Ronald '59 p271-4
- Linsley, Ray Keyes, and Franzini, Joseph B. Elements of hydraulic engineering. (McGraw-Hill ser. in civil engineering) McGraw '55 incl bibliog

Poralla, Curt. Die nachkriegszeitliche wasserwirtschaft Polens; unter einbeziehung der wasserbauprojekte in den randgebieten. (Berlin. Freie univ. Osteuropa-inst. Wirtschaftswissenschaftliche veröffentlichungen, v 1) Duncker & Humblot '54 p 129-32

Schwab, Glenn Orville, and others. Elementary soil and water engineering. Wiley '57 incl bibliog

United States. Waterways experiment station, Vicksburg, Mississippi. Bibliography on tidal hydraulics. (U.S. Army. Corps of engineers. Com. on tidal hydraulics. Rep. no2) The station '54 208p

See also

- Canals
Channels
Dams
Flood control
Harbors
Hydraulic models
Hydroelectric plants
Irrigation
Locks (hydraulic engineering)
Pumping machinery
Pumps
Stream measurements
Tidal power
Water supply engineering

HYDRAULIC jump

- Elevatorski, Edward A. Hydraulic jump, a bibliography, 1819-1953. The author '55 42p
- Franke, Paul Gerhard. Der wechsellprung mit freier deckwalze. (Mitteilungen aus dem gebiete des wasserbaus und der baugrunderforschung, no 17) Ernst '55 p62-8

HYDRAULIC machinery

- Mosonyi, Emil. Water power development; v 1, Low-head power plants; tr. by Z. Szilvássy [and others] ed. by G. Dienes and J. Klár. Pub. house of the Hungarian acad. of sciences '57 p865-74
- Same with title: Wasserkraftwerke; v 1, Niederdruckanlagen; übers. von I. Pap und K. Reimholz. Verlag der Ungarischen akad. der wissenschaften '56 p821-8

HYDRAULIC models

- Robertson, J. M. Water tunnels for hydraulic investigations. Am Soc Mech Eng Trans 78:102-4 Ja '56

HYDRAULICS

- American society of civil engineers. Committee on research. List of translations of foreign literature on hydraulics. (ASCE manuals of engineering practice, no 35) The committee '57 81p
- Barr, D. I. H. Hydraulic model study of heat dissipation at Kincardine power station. Inst Civil Eng Proc 10:319-20 Ji '53
- Bellometti, Jgo. Condotte forate idroelettriche metalliche, in calcestruzzo armato e precompresso; tubazioni per acquedotti, gasdotti, oleodotti, trasporto idraulico del carbone. Hoepli '55 incl bibliog
- Caric, Dragan M. Tehnička hidraulika; priručnik za studiju i praksu, sa 72 numerička primera. Građevinska knjiga '52 p310-11
- Documentation. See numbers of Houille blanche

Hydraulic conference, Iowa university, 1958. Proceedings of the 7th Hydraulic conference, June 16-18, 1958; ed. by Arthur Toch and G. R. Schneider. (Studies in engineering. Bul. 39) Iowa univ. '59 incl bibliog

See also

- Fluids
Hydraulic jump
Nozzles

Research in progress

United States. National bureau of standards. Hydraulic research in the United States, 1951[1-1959] (Misc. pub. 201, 205, 208, 210, 215, 218, 221, 224, 227) U.S. Gov. ptg. office '51-'59 9v

HYDRAZINE**Physiological effect**

Krop, S. Toxicology of hydrazine. AMA Archives Ind Hygiene & Occup Med 9:203-4 Mr '54

HYDRIDES

Gaylord, Norman G. Reduction with complex metal hydrides. Interscience '56 incl bibliog

HYDROCARBONS

Appell, H. R. and Berger, C. V. Decomposition of hydrocarbons. Ind & Eng Chem 47: 1848; 48:1575; 49:1484; 50:1334 S '55, S '56, S '57, S '58

HYDROCARBONS—Continued

Lindgren, C. G. Measurement of small quantities of hydrocarbon in water. *Am Water Works Assn J* 49:61-2 Ja '57

Michigan. University. College of engineering. Phase behavior of the hydrocarbons; an intensive course in the 1953 summer session [by] Lee O. Case [and others] The college '53? incl bibliog

Sage, Bruce Hornbrook, and Lacey, William Noble. Some properties of the lighter hydrocarbons, hydrogen sulfide, and carbon dioxide; monograph on API research project 37. *Am. petroleum inst.* '55 incl bibliog

See also

Synthine process

Physiological effect

Gerarde, H. W. Toxicological studies on hydrocarbons. *AMA Archives Ind Health* 13: 335, 473-4 Ap-May '56

HYDRODYNAMICS

Documentation. See numbers of Houille blanche

Dronkers, J. J. and Schonfeld, J. C. Tidal computations in shallow water. *Am Soc Civil Eng* 81 no714:49-50 '55

Ippen, A. T. Hydrodynamics, a review of von Kármán's contributions. *J Aero Sci* 23: 443-+ My '56

Lin, Chia-chiao. Theory of hydrodynamic stability. (Cambridge monographs on mechanics and applied mathematics) Cambridge '55 p 141-53

Milne-Thomson, L. M. Some hydrodynamical methods. *Am Math Soc Bul* 63:185-6 My '57

Pai, Shi-i. Viscous flow theory. *Van Nostrand* '56-'57 2v incl bibliog

Townsend, Albert Alan. Structure of turbulent shear flow. (Cambridge monographs on mechanics and applied mathematics) Cambridge '56 p308-11

United States. Office of naval research. Symposium on naval hydrodynamics, Sept. 24-28, 1956. Washington, D.C.[proceedings] (Pub. 515) Nat. research council '57 incl bibliog

See also

Cavitation

Fluidization

Turbulence

Underwater explosions

Vortex motion

HYDROELECTRIC plants

Cooke, J. B. and Strassburger, A. G. Bibliography: underground hydroelectric power plants. *Am Soc Civil Eng Proc* 83 [PO 4 no 1350]:1-36 Ag '57

Diesendorf, W. Modern trends in the hydroelectric power field. *Inst Eng Australia J* 30:124 Ap '58

Floyd, G. D. and Sills, H. R. Evolution of the modern waterwheel generator in Canada. *Power Apparatus & Systems* 35:16 Ap '58

Mosonyi, Emil. Water power development; v 1, Low-head power plants; tr. by Z. Szilvassy[and others] ed. by G. Dienes and J. Klár. Pub. house of the Hungarian acad. of sciences '57 p865-74

—Same with title: Wasserkraftwerke; v 1, Niederdruckanlagen; übers. von I. Pap und K. Reimholz. Verlag der Ungarischen akad. der wissenschaften '56 p821-8

Tennessee Valley authority. Library. Pumped storage for hydroelectric power; a sel. list of references in English, 1923-1939 [i.e. 1959] The library '59 9p

See also

Electric transformers

HYDROGEN

Lindberg, J. Johan. On the hydrogen bond formation of some model compounds related to lignin. (Finska vetenskaps-societeten, Helsingfors. Commentationes physico-mathematicae, v20, no 1) Munksgaard '57 p62-7

Industrial applications

Hydrogen reference data. *Pet Process* 11:136-8 N '56

Isotopes

See also

Deuterium

Tritium

HYDROGEN bomb

Japan. Committee for compilation of report on research in the effects of radioactivity. Research in the effects and influences of the nuclear bomb test explosions. Japan soc. for the promotion of science '56 2v incl bibliog

HYDROGEN compounds

See also

Hydrides

HYDROGEN ion concentration

American society for testing materials. Symposium on pH measurement [papers] presented at the 59th annual meeting, Atlantic City, N.J., June 19, 1956. (Special technical pub. no 190) The society '57 incl bibliog

Burchfield, H. P. and Storrs, E. E. Influence of pH and group interactions on the reactivities of metabolites and related compounds containing sulfhydryl groups. *Boyce Thompson Inst Contrib* 19:434-6 Jl '58

Ebert, A. and others. pH. *Ciba R no* 112:4093 O '55

See also

Fungi, Effect of hydrogen ion concentration on

Plants, Effect of hydrogen ion concentration on

HYDROGEN peroxide

Kraus, F. W. and others. Peroxide and peroxidogenic bacteria in human saliva. *J Bact* 73:734-5 Je '57

Schumb, Walter Cecil, and others. Hydrogen peroxide. (Am. chemical soc. Monograph ser, no 128) Reinhold '55 incl bibliog

HYDROGEN sulphide

Katell, Sidney, and Fan, Liang-tseng. Bibliography of processes for removing hydrogen sulfide from industrial gases, January 1950-December 1957. (U.S. Bur. of mines. Information circ. 7886) U.S. Gov. prtg. office '59 43p

HYDROGENASES

Curtis, W. and Ordal, E. J. Hydrogenase and hydrogen metabolism in micrococcus aerogenes. *J Bact* 68:360-1 S '54

Peck, H. D. and Gest, H. Hydrogenase of clostridium butylicum. *J Bact* 73:579-80 Ap '57

Peck, H. D. and Gest, H. New procedure for assay of bacterial hydrogenases. *J Bact* 71:79-80 Ja '56

HYDROGENATION

Boyd, P. B. and others. Hydrogenation and hydrogenolysis. *Ind & Eng Chem* 47:1888-91; 48:1639-42; 49:1529-31; 50:1376-9 S '55, S '56, S '57, S '58

See also

Dehydrogenation

Hydrogenolysis

Synthine process

HYDROGENOLYSIS

Boyd, P. B. and others. Hydrogenation and hydrogenolysis. *Ind & Eng Chem* 47:1888-91; 48:1639-42; 49:1529-31, 50:1376-9 S '55, S '56, S '57, S '58

HYDROGRAPHY

Hamburg. Deutsches hydrographisches institut. Verzeichnis der nautischen karten und bücher; abgeschlossen am 31. 7. 1955. The institute '55 96p

Hydrographische bibliographie. See numbers of Deutsche hydrographische zeitschrift

International hydrographic bibliography. See numbers of International hydrographic review

Italy. Servizio idrografico. Elenco delle pubblicazioni del Servizio (giugno 1952) Lib, Istituto poligrafico dello stato '53 63p

Wennekens, M. P. Water mass properties of the straits of Florida and related waters. *Bul Marine Sci Gulf & Carib* 9:48-52 Mr '59

See also

Lakes

Ocean currents

Rivers

Sounding

Stream measurements

Submarine topography

Tides

HYDROIDEA. See Hydromedusae**HYDROLOGY. See Water****HYDROLYSIS**

Beardell, Anthony James. Effect of high hydrostatic pressure on the kinetics of the enzymatic hydrolysis of adenosine triphosphate. *Catholic univ. of Am. press* '54 p27-8

HYDROLYSIS—Continued

Hamner, W. F. and McDonald, D. W. Hydrolysis and hydrolysis. *Ind & Eng Chem* 48:1627-8; 49:1521-2; 50:1368-9 S '56, S '57, S '58

Kuykendall, J. R. and Wallace, A. Absorption and hydrolysis of urea by detached citrus leaves immersed in urea solutions. *Am Soc Hort Sci Proc* 64:126-7 '54

HYDROMECHANICS

Scheidegger, Adrian E. Physics of flow through porous media. Macmillan '57 p207-31

See also

Fluidization
Vortex motion

HYDROMEDUSAE

Ralph, P. M. New Zealand thecate hydroids. *Roy Soc N Z Trans* 84:850-4; 85:353-6 Ag '57, My '58

HYDROPHOBIA. See Rabies**HYDROSTATICS**

Nash, W. A. Effect of large deflections and initial imperfections on the buckling of cylindrical shells subject to hydrostatic pressure. *J Aero Sci* 22:268-9 Ap '55

HYDROXYQUINOLINE

Hollingshead, Reginald George William. Oxine and its derivatives. Butterworth '54-'56 4v incl bibliog

HYDROZOA

Hudson, R. G. S. Tethyan Jurassic hydroids of the family milleporidiidae. *J Paleont* 30:730 My '56

See also

Hydromedusae
Stromatoporidae

HYGIENE

Amend, Eleanor E. Health can be yours, naturally! Greenwich bk. '58 p61-4

Brünn. Universita. Knihovna. Hygiena, epidemiologie a bakteriologie; sest. R. Trautmann za spoluprace V. Bednářové a O. Libala. (Výběrový seznam, 15) The library '57 98p

Bulletin of hygiene. Bur. of hygiene & tropical diseases. See numbers

Chase, Peter Pineo. Your wonderful body. Prentice-Hall '57 p373-5

Diehl, Harold Sheely. Elements of healthful living. 3d ed McGraw '55 incl bibliog

Diehl, Harold Sheely. Healthful living; with a foreword by Morris Fishbein. 4th rev ed McGraw '55 incl bibliog

Diehl, Harold Sheely, and Laton, Anita D. Health and safety for you. McGraw '57 p479-85

Foresman, Ethel. Better health, nicer skin, longer life. Meador '59 p205-8

Harmsen, Hans, and Hoffmann, Elisabeth. Bibliographie 1953: Veröffentlichungen und dissertationen aus dem Hygienischen institut der Freien und Hansestadt Hamburg [und] Veröffentlichungen und arbeiten aus der Akademie für staatsmedizin Hamburg. The author? '53 12p

Health yearbook. 1955[1957] (V 10-12) Stanford univ. press '56-'58 3v

Hickman, Cleveland Pendleton. Health for college students. (Prentice-Hall bks. on health and sports) Prentice-Hall '58 incl bibliog annot

Kilander, Holger Frederick. Health for modern living. Prentice-Hall '57 p473-5 annot

Mental and physical health; reviews the literature for the seven year period since Dec. 1949. *R Educ Res* 26:413-562 D '56

Meredith, Florence (Lyndon). Science of health. 3d ed. [by] Warren H. Southworth [and] Arthur F. Davis. McGraw '57 p475-9

Rathbone, Josephine Langworthy, and others. Health in your daily living. Houghton '58 incl bibliog annot

Rosenau, Milton Joseph. Preventive medicine and public health [ed. by] Kenneth F. Maxcy, with 27 contributing authors. 8th ed Appleton '56 incl bibliog

Walke, Nelson Sumter, and others. Good health; for you, your family, and your community. (McGraw-Hill ser. in health education) McGraw '55 incl bibliog

See also

Clothing and dress
Diet
Food
Mental hygiene
Physical education and training
Physiology
Public health

Relaxation
Sanitation
School hygiene
Woman—Health and hygiene

Study and teaching

See Health education

HYGIENE, Dental. *See Teeth—Care and hygiene*

HYGIENE, Industrial

Abstracts from current literature. *See numbers of AMA archives of industrial hygiene and occupational medicine*

Felton, J. S. Books on occupational health and their medical authors. *Ind Med* 26:260-2 My '57

Fraser, H. F. Problems resulting from the use of habituating drugs in industry. *Am J Pub Health* 48:561-89 My '58 incl bibliog

Gibb, W. and others. Studies on dust suppression. *AMA Archives Ind Health* 14:227-8 S '56

Industrial health; abstracts of current literature on industrial hygiene, medicine and nursing. *See numbers of National safety news*

McCord, C. P. Occupational health publications in the United States prior to 1900. *Ind Med* 24:363-8 Ag '55 annot

Safety library. *See numbers of National safety news*

Stokinger, H. E. Standards for safeguarding the health of the industrial worker. *Pub Health Rep* 70:10-11 Ja '55

United States. Department of the air force. Medical service; bibliog. on industrial medicine and occupational health. (Air force pamphlet no 160-6-5) The department '57 10p

United States. National institute of mental health. Review of mental health in industry; based on a survey of the literature. Community services branch. Nat. inst. of mental health; Nat. insts. of health; U.S. Public health service '57 1v

United States. Public health service. Division of occupational health. Health of workers in chromate producing industry; a study. (Pub. no 192) The service '53 p 126-31

United States. Public health service. Division of special health services. Bibliography of occupational health; occupational health and related pubs. from the Service, 1953-1957, prepared by Occupational health program. The division '57 47p

United States. Public health service. Division of special health services. Industrial environment, its evaluation and control; syllabus for short courses for industrial hygiene engineers and chemists, presented at Occupational health field headquarters, Cincinnati, Ohio. (Pub. no614) U.S. Public health service '58 incl bibliog

United States. Superintendent of documents. Industrial workers. (Price list 78. 9th ed) U.S. Gov. ptg. office '59 12p

See also

Diseases, Industrial
Medical service, Industrial
Poisons, Industrial

HYGIENE, Public. *See Public health*

HYGROMETRY

McIlroy, I. C. Measurement of natural evaporation. *Australian Inst Ag Sci J* 23:16-17 Mr '57

Wexler, Arnold. Electric hygrometers. (U.S. Nat. bur. of standards. Circ. 586) U.S. Gov. ptg. office '57 p 19-21

HYMENOPTERA

Costa Lima, A. M. da. Trichoporus, trichoporus ou exurus? *Acad Brasil Ciencias Anais* 31:127-8 Mr '59

See also

Ants
Bees
Braconidae
Sawflies
Tiphiidae
Wasps

HYMNOLOGY. *See Hymns*

HYMNS

Connor, Sister Mary John Bosco. Gregorian chant and medieval hymn tunes in the works of J. S. Bach. *St Joseph college* '57 p98-103

Pocknee, Cyril Edward. French diocesan hymns and their melodies. Morehouse '54 incl bibliog

HYPERBOREAN languages

Jakobson, Roman, and others. Paleosiberian peoples and languages; a bibliog. guide. (Behavior science bibliogs) HRAF press '57 222p annot

See also

Yukaghir language

HYPERGEOMETRIC functions. See Functions, Hypergeometric

HYPERGLYCEMIA. See Blood—Sugar

HYPERKERATOSIS of cattle. See X disease of cattle

HYPERSPACE

See also

Hilbert space

HYPERSUSCEPTIBILITY. See Anaphylaxis

HYPERTENSION. See Blood—Pressure

HYPNOTISM

Ambrose, Gordon, and Newbold, George. Hypnosis in health and sickness. De Graff '57 p 191-2

Barber, T. X. Hypnosis as perceptual-cognitive restructuring. J Psychol 46:199-201 O '58

Brandon, Joan. Successful hypnotism. Stravon '56 p 124-8

Dorcus, Roy Melvin, ed. Hypnosis and its therapeutic applications. McGraw '56 incl bibliog

Institute for research in hypnosis, New York. Introductory lectures in medical hypnosis from the October 1957 workshop of the Society for clinical and experimental hypnosis given by the Institute at Long Island university; ed. by Margaretta K. Bowers; with an introd. by Milton V. Kline. The institute '58 incl bibliog

Kline, Milton V. ed. Hypnodynamic psychology, an integrative approach to the behavior sciences; contributing auths: Samuel Glasner [and others] foreword by Roy M. Dorcus. Julian press '55 incl bibliog

Kuhn, Lesley, and Russo, Salvatore, eds. Modern hypnosis; foreword by Melvin Powers; introd. by André Weitzenhoffer. Wilshire bk. '58 p338-49

McBrayer, James T. Hypnotism simplified. Ottenheimer '56 p 179-81

Orne, M. T. Nature of hypnosis: artifact and essence. J Abnorm & Social Psychol 53: 293-9 My '58

Salter, Andrew. What is hypnosis; studies in conditioning, incl. Three techniques of autohypnosis. rev ed Farrar Straus '55 p81-6

Schilder, Paul. Nature of hypnosis; tr. by Gerda Corvin. Int. univ. press '56 p 185-96

Schneck, Jerome Mortimer. Studies in scientific hypnosis. (Nervous and mental disease monographs, no84) Nervous & mental disease monographs '54 incl bibliog

Van Pelt, Sydney James. Hypnotic suggestion; its role in psychoneurotic and psychosomatic disorders; a thesis. Philosophical lib. '56 p88-92

Weitzenhoffer, André M. General techniques of hypnotism. Grune '57 p437-44

See also

Suggestion

HYPOGLYCEMIA. See Blood—Sugar

HYPONITRITE

See also

Sodium hyponitrite

HYPOPHYSIS. See Pituitary body

HYPOTHALAMUS

Gellhorn, Ernst. Autonomic imbalance and the hypothalamus; implications for physiology, medicine, psychology, and neuropsychiatry. Univ. of Minn. press '57 p285-97

Houston neurological society. Hypothalamic-hypophyseal interrelationships, a symposium; third annual scientific meeting of the Society, Houston, Tex; comp. and ed. by William S. Fields [and others] Thomas '56 incl bibliog

HYRACOTHERIUM

Kitts, David B. American hyracotherium (perissodactyla, equidae) (Bul. v 110, article 1) Am. museum of natural history '56 p58-60

HYSTERIA

Proctor, J. T. Hysteria in childhood. Am J Orthopsychiat 28:403-6 Ap '58

Zeldenrust, E. L. K. Over het wezen der hysterie. Bijleveld '54 p 143-55

I

IBN GABIROL, Solomon ben Judah (Avicbron) ca 1021-1053

Bertola, Ermenegildo. Salomon ibn Gabirol (Avicbron); vita, opere e pensiero. (Il Pensiero medioevale; collana di storia della filosofia, ser 1, v4) CEDAM '53 p203-13

IBN HAZM, 'Ali ibn Ahmad, 994-1064

Arnaldez, Roger. Grammaire et théologie chez Ibn Hazm de Cordoue; essai sur la structure et les conditions de la pensée musulmane. (Etudes musulmanes, 3) Vrin '56 p321-5

IBN KHALDUN, 1332-1406

Ibn Khaldūn. Muqaddimah; an introd. to history; tr. from the Arabic by Franz Rosenthal [bibliog. by Walter J. Fischell (Bollingen ser, v43) Pantheon bks. '58 3v v3. p485-512]

IBN NAFIS, 1210-1288

Bittar, E. E. Study of Ibn Nafis; study of Ibn Nafis' commentary on the anatomy of the Canon of Avicenne. Bul Hist Med 29: 442-7 S '55

IBN RUSTAH, fl 903. See Ahmad ibn 'Umar

IBSEN, Henrik, 1828-1906

Oslo. Universitet. Bibliotek. Minneutstilling. Henrik Ibsen, 23. mai 1956; redigert av Øyvind Anker. (Katalog no649) The library '56 117p

ICE

Canada. Department of mines and technical surveys. Geographical branch. Selected bibliography on sea ice distribution in the coastal waters of Canada. (Bibliog. ser, no 18) The branch '57 50p

Fukuta N. Experimental investigations on the ice-forming ability of various chemical substances. J Meteorol 15:25-6 F '58

Glaciological literature. See numbers of Journal of glaciology

McConica, Thomas Henry. Bibliography of ice and frost control; materials laboratory contract no. AF33 (616)-3156, project no. 7312. (VADC technical rep. 56-338) U.S. Wright air development center '53 2y

Minnesota. University. Department of mechanical engineering. Friction on snow and ice. (U.S. Army. Corps of engineers. Snow, ice and permafrost research establishment. SIPRE rep. 17) The department '55 29p (at end)

Palosua, Erkki. Treatise on severe ice conditions in the central Baltic. (Fennia 77, no 1) The author '53 p 127-30

Pearce, D. C. and others. Bibliography on snow and ice. (Bibliog. no 1) Div. of building research, Nat. research council '51 69p

Rausch, D. O. Studies of ice excavation. Colo Sch Mines Q 54:89-90 Ap '59

Ryder, Theodore. Compilation and study of ice thicknesses in the northern hemisphere, 1952-1953. U.S. Army corps of engineers contract DA-19-016-ENG-2313. (U.S. Army corps of engineers. Investigation of construction and maintenance of airdromes on ice, fiscal year 1954) Am. geographical soc. '54 60p

Steinemann, S. Results of preliminary experiments on the plasticity of ice crystals. J Glaciol 2:412 O '54

See also

Glaciers

ICE age. See Glacial epoch

ICE cream

Sampey, J. J. and Neubeck, C. E. Low-lactose concentrate makes better ice cream. Food Eng 27:183 Ja '55

White, A. H. Manufacture of ice cream. (Pub. 690) Canada dept. of agriculture '57 p35-6

ICELAND

Porgilsson, Þórhallur. Drög að skrá um ritverk á íslenzku að fornu og nýju af latneskum eða rómönskum uppruna; v 1, Frakkland. (Bibliog. latino-romanico-islandicae tentamen. 1) Scripta e fontibus gallicis) Landbókasafn Íslands '54 1v

ICELANDIC and Old Norse languages

Blaisdell, Foster W. Preposition-adverbs in Old Icelandic. (Calif. Univ. Pubs. in linguistics, v 17) Univ. of Calif. press '59 p67-70

ICELANDIC and Old Norse literature

See also

Sagas

ICELANDIC and Old Norse poetry*See also*

Scalds and scaldic poetry

ICHTHOLOGY. *See* Footprints, Fossil**ICHTHYOLOGY.** *See* Fishes**ICONOGRAPHY.** *See* Idols and images**ICONS**

United Nations educational, scientific and cultural organization. USSR early Russian icons [by] Victor Lasareff and Otto Demus; pref. [by] Igor Grabar. (UNESCO world art ser. 9) N.Y. Graphic soc. '58 p29-30

IDEALISM

Ewing, Alfred Cyril, ed. Idealist tradition: from Berkeley to Blanchard; with an introd. and commentary [biblog. by J. Bayley and H. Heidelberger] (Lib. of philosophical movements) Free press '57 p347-62

See also

Transcendentalism

IDENTIFICATION (psychology)

Gray, Susan, and Klaus, Rupert. Assessment of parental identification. (Genetic psychology monographs, v54, 1st half) Journal press '56 p 113-14

Gray, S. W. Perceived similarity to parents and adjustment. Child Develop 30:105-7 Mr '59

Lazowick, L. M. On the nature of identification. J Abnorm & Social Psychol 51:182-3 S '55

IDOLATRY. *See* Idols and images—Worship**IDOLS and images**

Gordon, Antoinette K. Iconography of Tibetan Lamaism. 2d ed rev & enl Tuttle '59 p 111-18

Worship

Alexander, Paul Julius. Patriarch Nicephorus of Constantinople; ecclesiastical policy and image worship in the Byzantine empire. Oxford '58 p266-80

IFUGAOS

Barton, Roy Franklin. Mythology of the Ifugaos. (Memoirs, v46) Am. folklore soc. '55 p242-4

IGNITION

Blackburn, George Frederick. Bibliography on ignition and spark-ignition systems. (Circ. 580) U.S. Nat. bur. of standards '56 15p

IKONS. *See* Icons**ILE DE FRANCE.** *See* Mauritius**ILE MAURICE.** *See* Mauritius**ILEITIS.** *See* Ileum—Diseases**ILEUM***Diseases*

Crohn, Burrill Bernard, and Yarnis, Harry. Regional ileitis; with special contributions by Richard H. Marshak and David A. Turner. 2d rev ed Grune '58 p220-35

ILLINOIS

May, George W. History of Massac county, Illinois. Wagoner ptg. co. '55 p229-32

Government publications

Chicago. Municipal reference library. Check-list of publications issued by local governing bodies in Chicago and Cook county. *See* numbers thru 1954

Illinois. Secretary of state. Publications of the state of Illinois; a sel. list of state publications. The secretary '57 24p

History

Peithmann, Irvin Milton. Echoes of the red man; an archaeological and cultural survey of the Indians of southern Illinois. Exposition '55 p 131-4

Industries and resources

Beimfohr, Oliver Wendell. Industrial potential of southern Illinois. (Southern Ill. ser, no 1) Southern Ill. univ. '54 p 134-8

Officials and employees

Illinois. State personnel administration commission. Next steps in Illinois personnel administration; staff memoranda; ed. by Samuel K. Gove [and others] Inst. of gov & public affairs, Univ. of Ill. '55 p314-19

Politics and government

Garvey, Neil Ford. Government and administration of Illinois. (Am. commonwealths ser) Crowell '58 p600-5

Public works

Krenkel, John Henry. Illinois internal improvements, 1818-1848. Torch press '58 p228-36

ILLITERACY

United Nations educational, scientific and cultural organization. Education clearing house. Literacy teaching; a sel. bibliography. (Educational studies & docs, no 18) UNESCO '56 48p annot

ILLUMINATION. *See* Lighting**ILLUMINATION of books and manuscripts**

Ahmad ibn Mir Munshi, al-Huasini. Calligraphers and painters; a treatise tr. from the Persian by V. Minorsky; with an introd. by B. N. Zakhoder; tr. from the Russian by T. Minorsky. (Freer gallery of art. Occasional papers, v3, no2) Smithsonian inst. '59 p202-8 annot

Beatty, Alfred Chester. Catalogue of the Persian manuscripts and miniatures; v 1. Mss. 101-150, by A. J. Arberry [and others] ed. by J. V. S. Wilkinson. Hodges '59 89p

Beatty, Alfred Chester. Catalogue of the Turkish manuscripts and miniatures by V. Minorsky; with an introd. by J. V. S. Wilkinson. Hodges '58 145p

Bland, David. History of book illustration; the illuminated ms. and the ptd. book. World pub. '58 p429-32

Dinger, David. Illuminated book, its history and production. Philosophical lib. '58 incl bibliog

Italy. Ministero della pubblica istruzione. Mostra storica nazionale della miniatura: Palazzo di Venezia, Roma. Catalogo. 2d ed Sansoni '54 p xxi-xxxix

Kraków. Uniwersytet Jagielloński. Biblioteka. Rękopisy i pierwodruki iluminowane Biblioteki Jagiellońskiej. Zakład narodowy im. Ossolińskich '58 233p

Paris. Bibliothèque nationale. Les manuscrits à peintures en France du VII^e au XII^e siècle. 2d ed rev & corr The library '54 138p

Paris. Bibliothèque nationale. Les manuscrits à peintures en France du XIII^e au XVI^e siècle; préf. d'André Malraux. The library '55 190p

Vienna. Nationalbibliothek. Inventar der illuminierten handschriften, inkunabeln und frühdrucke der Österreichischen nationalbibliothek, von Franz Unterkircher. Museion, neue folge, reihe 2; Allgemeine verfügbaren. v2) Prachner '57-'59 2v

ILLUSTRATED books

Princeton university. Library. Early American book illustrators and wood engravers, 1670-1870; a catalogue of a coll. of Am. bks. il. for the most part with woodcuts and wood engravings in the Library; with an introd. sketch of the development of early Am. bk. il. by Sinclair Hamilton; with a foreword by Frank Weitenkampf. The library '58 265p

Rauch (Nicolas) s. a. Les peintres et le livre, constituant un essai de bibliographie des livres illustrés de gravures originales par les peintres et les sculpteurs de 1867 à 1957. (Catalogue no6) The firm '57 241p

Reynaud, Henry Jean. Notes supplémentaires sur les livres à gravures du XVIII^e siècle. Bibliothèque des érudits '55 p577-82

Santoro, Caterina. Libri illustrati milanesi del rinascimento; saggio bibliografico; introd. di Lamberto Donati. Sezione lombarda. Istituto nazionale di studi sul rinascimento '56 250p

Tooley, Ronald Vere. English books with coloured plates, 1790 to 1860; a bibliog. account of the most important bks. il. by English artists in colour aquatint and color lithography. Batsford '54 424p

ILLUSTRATION of books

Bland, David. Bibliography of book illustration. (Nat. bk. league. Bk. no4) Cambridge '55 16p

Bland, David. History of book illustration; the illuminated ms. and the ptd. book. World pub. '58 p429-32

See also

Botanical illustration
Photomechanical processes

IMAGES and idols. *See* Idols and images**IMAGINATION, Creative***See also*

Creation (literary, artistic, etc)

IMIDAZOLE compounds

Lukton, A. and Olcott, H. S. Content of free imidazole compounds in the muscle tissue of aquatic animals. Food Res 23:617-18 N '58

IMMACULATE Conception

Seville. Universidad. Facultad de filosofía y letras. Catálogo de la exposición bibliográfica concepcionista. (Pubs) The faculty '53 83p

IMMIGRATION and emigration

Eisenstadt, Shmuel Noah. Absorption of immigrants; a comparative study based mainly on the Jewish community in Palestine and the State of Israel. Free press '55 p266-9

Lavell, C. B. and others. Annotated bibliography on the demographic, economic, and sociological aspects of immigration. (In George Washington university, Washington, D.C. Report on world population migrations as related to the United States of America; an exploratory survey of past studies and researches on world population migration, with the view of evaluating areas already covered and outlining areas which warrant development. The university '56 p296-449)

See also

Colonization

Population transfers

Statistics

United nations. Department of economic and social affairs. Analytical bibliography of international migration statistics, selected countries, 1925-1950. (Population studies, no24) United nations '55 195p

Canada

Canada. Canadian citizenship branch. Research division. Research on immigrant adjustment and ethnic groups; a bibliog. of unpublished theses, 1920-1953. The division '55 31p

Canada. Canadian citizenship branch. Research division. Research on immigrant adjustment and ethnic groups; an annual bibliog. 1953-1954[-1955-1956] The division '54-56 3v

Canada. Canadian citizenship branch. Research division. Research on immigrant adjustment and ethnic groups; bibliog. of pub. material, 1920-1953. The division '56 131p

Canada. Department of citizenship and immigration. Departmental library. Canadian immigration and emigration 1946-1957: a bibliography. The library '58 38p

Corbett, David C. Canada's immigration policy; a critique. Univ. of Toronto '57 p201-8

Kidd, John P. New roots in Canadian soil: a sort of handbk. for old Canadians, describing some of the major adjustment problems of new Canadians. Canadian citizenship council '57 p64-5

Petersen, William. Planned migration: the social determinants of the Dutch-Canadian movement. (Calif. Univ. Pubs. in sociology and social insts, v2) Univ. of Calif. press '55 p241-61

Great Britain

Carrier, Norman Henry, and Jeffery, James R. External migration; a study of the available statistics, 1815-1950. (Gt. Brit. General register office. Studies on medical and population subjects, no6) H.M.S.O. '53 p 156-8

Hewitt, Arthur Reginald. West Indian immigrants in Great Britain. (Special subject lists, no 1) Lib. assn. '55 5p

Shepperson, Wilbur Stanley. British emigration to North America; project and opinions in the early Victorian period. Univ. of Minn. '57 p267-93

Ireland

Schrier, Arnold. Ireland and the American emigration, 1850-1900. Univ. of Minn. press '58 p 196-205

Israel

Eisenstadt, Shmuel Noah. Absorption of immigrants; a comparative study based mainly on the Jewish community in Palestine and the State of Israel. Free press '55 p266-9

Malta

Price, Charles Archibald. Malta and the Maltese; a study in nineteenth century migration. Georgian house '54 p254-63

United States

Anti-defamation league of B'nai B'rith. Immigration and citizenship; a sel. bibliography. The league '56 16p

Common council for American unity, incorporated. Alien and the immigration law; a study of 1446 cases arising under the immigration and naturalization laws of the United States; a study under the direction of Edith Lowenstein. Oceana '58 p379-83

Divine, Robert A. American immigration policy, 1924-1952. (Yale univ. Yale historical pubs. Misc. 66) Yale univ. press '57 p 195-209 annot

Haskett, R. C. and others. Introductory bibliography for the history of American immigration, 1607-1955. (In George Washington university, Washington, D.C. Report on world population migrations as related to the United States of America; an exploratory survey of past studies and researches on world population migration, with the view of evaluating areas already covered and outlining areas which warrant development. The university '56 p85-295)

Higham, John. Strangers in the land, patterns of Am. nativism, 1860-1925. Rutgers univ. press '55 p399-411 annot

Hirschler, Eric E. ed. Jews from Germany in the United States; introd. by Max Gruenewald. Farrar '55 p 176-9

Puerto Rico. Department of labor. Migration division. Bibliography on Puerto Ricans in the United States; annot. by Clarence Senior. The department '59 37p

Shepperson, Wilbur Stanley. British emigration to North America; projects and opinions in the early Victorian period. Univ. of Minn. press '57 p267-93

Tyler, Poyntz, ed. Immigration and the United States. (Reference shelf, v28, no 1) Wilson '56 p 188-201

United States. Superintendent of documents. Immigration. (Price list 67, 40th ed) U.S. Gov. ptg. office '58 5p

See also

United States—Foreign population

IMMORTALITY

See also

Eschatology

IMMUNITY

Atwater, J. B. and Peebles, W. J. Diphtheria immunity status in Montgomery county school seniors and adults. Pub Health Rep 73:459-60 My '58

Campbell, C. H. Antigenic role of the excretions and secretions of trichinella spiralis in the production of immunity in mice. J Parasitol 41:490-1 O '55

Champion, L. R. Inheritance of resistance to cecal coccidiosis in the domestic fowl. Poultry Sci 33:681 J1 '54

Coker, C. M. Effects of cortisone on trichinella spiralis infections in non-immunized mice. J Parasitol 41:504 O '55

Crowle, A. J. Immunizing constituents of the tubercle bacillus. Bact R 22:197-203 S '58

Cushing, John Eldridge, and Campbell, Dan Hampton. Principles of immunology. McGraw '57 incl bibliog

Dausset, Jean, and others. Immuno-hématologie biologique et clinique; préf. du prof. Jean Bernard. Eds. médicales Flammarion '56 incl bibliog

DeWitt, C. W. Differential effect of hog gastric mucin on properdin and host resistance to infection. J Bact 76:638-9 D '58

Duff, J. T. and others. Studies on immunity to toxins of clostridium botulinum. J Bact 73:46-7, 601; 74:538; 75:364-5 Ja. My. O '57, Mr '58

Edsall, G. Active and passive immunity of the infant. N Y Acad Sci Ann 66 no 1:39-43 '56

Elberg, S. S. and Faunce, K. Immunization against brucella infection. J Bact 73:216-17 F '57

Kind, L. S. Altered reactivity of mice after inoculation with bordetella pertussis vaccine. Bact R 22:179-82 S '58

Kraut, N. Electrophoretic study of sera from rats artificially infected with and immunized against the larval cestode cysticercus fasciolaris. J Parasitol 42:120-1 Ap '56

Malmnäs, Clarence. Immunity in pregnancy; a clinical study of the antistreptolysin, antistaphylolysin and dye test reactions and the gamma-globulin level. Almqvist '58 p97-106

IMMUNITY—Continued

Martin du Pan, Raymond. Contribution à l'étude des relations entre l'âge et l'immunité pendant la jeunesse. (Bibliotheca paediatrica, v52) Karger '52 p61-4

Pillemer, L. Nature of the properdin system and its interactions with polysaccharide complexes. N Y Acad Sci Ann 66 no2:242-3 '56

Sigurdsson, B. Immunological problems in paratuberculosis. Bact R 20:12-13 Mr '56

See also

Allergy

Anaphylaxis

Antigens and antibodies

Immunology

Inoculation

Phagocytes and phagocytosis

Serum

Toxins and antitoxins

IMMUNITY in plants. See Plants—Disease and pest resistance

IMMUNOLOGY

Lawrence, Henry Sherwood, ed. Cellular and humoral aspects of the hypersensitive states; symposium held at the New York acad. of medicine. (New York acad. of medicine. Sec. on microbiology. Symposia, no9) Hoeber '59 incl bibliog

Miescher, Peter, and others, eds. Immunopathologie in klinik und forschung, und das problem der autoantikörper. Thieme '57 incl bibliog

IMPACT

American society for testing materials. Symposium on impact testing; presented at the 58th annual meeting, Atlantic City, N.J. June 27, 1955. (Special technical pub. no 176) The society '56 incl bibliog

Structural design for dynamic loads [by] Charles H. Norris [and others] (McGraw-Hill civil engineering ser) McGraw '59 incl bibliog

IMPERIALISM

Erusalimskii, Arkadii Samsonovich. Die aussenpolitik und die diplomatie des deutschen imperialismus ende des 19. jahrhunderts; übers. von Leon Nebenzahl. Dietz '54 p797-818

IMPLEMENTS, utensils, etc.

See also

Tools

Prehistoric period

Castiglioni, O. C. Origini e distribuzione delle pintaderas preistoriche euro-asiatiche. R Sci Preistoriche 11 no 1-4:178-87 '56

Chang, K. C. Brief survey of the archaeology of Formosa. Sw J Anthropol 12:384-6 Winter '56

IMPOTENCE

El Senoussi, A. and others. Factors in male impotence. J Psychol 48:43-6 Jl '59

IMPREGNATION, Artificial

Gabel, A. A. and others. Trichomoniasis in an artificial insemination bull stud. Am Vet Med Assn J 128:123 F 1 '56

Hafs, H. D. and others. Libido, sperm characteristics, sperm output, and fertility of mature dairy bulls ejaculated daily or weekly for thirty-two weeks. J Dairy Sci 42:634-6 Ap '59

Schellen, Antonius Martinus Cornelius Maria. Artificial insemination in the human; with an introd. by Sophia J. Kleegman [tr. by M. E. Hollander] Elsevier '57 incl bibliog

See also

Ovum—Transplantation

IMPRESSIONISM (art)

Acqua, Gian Alberto dell'. French impressionists; tr. by Susan Bellamy. Crown '58 p 100-2

Bazin, German. L'époque impressionniste; avec notices biographiques et bibliographiques. 2d ed rev & corrected Tisné '53 p96-8

Cassou, Jean. Les impressionnistes et leur époque. Cercle français d'art '53 p23-6

Cogniat, Raymond. Au temps des impressionnistes. Hypérion '53 p 153-64

Leymarie, Jean. Impressionism; biographical and critical study; tr. by James Emmons. (Taste of our time) Skira '55 2v v2, p 127-9

Rewald, John. Histoire de l'impressionnisme; tr. de l'anglais par Nancy Goldet-Bouwens. Michel '55 p389-434

Taylor, Basil. Impressionists and their world; with an introduction. rev ed Pitman '57 p23-6

See also

Post-impressionism (art)

INBREEDING

Laben, R. C. and others. Some effects of inbreeding and evidence of heterosis through outcrossing in a Holstein-Friesian herd. J Dairy Sci 38:535 My '55

Tantawy, A. O. Genetic variance of random-inbred lines of drosophila melanogaster in relation to coefficients of inbreeding. Genetics 42:135-6 Mr '57

See also

Consanguinity

INCARNATION

McGlynn, Robert Henry. Incarnation in the sermons of Saint Peter Chrysologus. (Disertationes ad lauream, 25) Saint Mary of the Lake '56 p 146-50

INCAS

Benayas, Juan. Los mitos comunistas socialistas y colectivistas del Perú prehispánico. The author '51 p 152-7

Cieza de León, Pedro de. Incas; tr. by Harriet de Onis; ed. with an introd. by Victor Wolfgang von Hagen. (Civilization of the Am. Indian ser, v53) Univ. of Okla. press '59 p377-81

Flornoy, Bertrand. World of the Inca; tr. by Winifred Bradford. Vanguard '56 p205-7

Rowe, J. H. Incas under Spanish colonial institutions. Hispan Am Hist R 37:191-9 My '57

Von Hagen, Victor Wolfgang. Highway of the sun. Duell '55 p309-14

INCENDIARISM. See Arson

INCENTIVE

See also

Motivation (psychology)

INCENTIVE, Economic

See also

Competition

INCENTIVES in industry

Kruee, G. K. Company-wide incentive systems. J Bsns 28:47 Ja '55

INCEST

Weinberg, Samuel Kirson. Incest behavior; introd. by Herbert Blumer. Citadel '55 p269-84

INCINERATORS

See also

Refuse incinerators

INCOME

Allocation of economic resources; essays in honor of Bernard Francis Haley, by Moses Abramovitz [and others] (Stanford studies in history, economics and political science, 17) Stanford univ. press '59 incl bibliog

Belgium. Ministère des affaires économiques. Bibliothèque. Bibliographie; livres, brochures, docs, articles de revues traitant de: richesses nationale, revenu national, comptabilité nationale, budget national catalogués à la Bibliothèque à la date du 15 mai 1954. The library '54 113p

Bober, Menell Morton. Intermediate price and income theory. Norton '55 incl bibliog

Coons, Alvin Emery. Income of nations and persons; an introd. to economics. (Rand McNally economics ser) Rand McNally '59 incl bibliog

Ohlsson, Ingvar. On national accounting. Konjunkturinstitutet '53 p336-43

Studenski, Paul. Income of nations; theory, measurement, and analysis; past and present; a study in applied economics and statistics. N.Y. univ. press '58 incl bibliog

Zickefoose, Paul W. Kansas income payments, 1900-1953. Bur. of business research, Univ. of Kan. '55 p96-103

See also

Capital

Multiplier principle (economics)

Statistics

United nations. Statistical office. Methods of national income estimation; provisional issue. (Studies in methods, serF, no8) The office '55 p56-8

France

Organization for European economic cooperation. National accounts research unit. Etudes sur la comptabilité nationale: France. The organization '52 p 175-6

INCOME—Continued

Switzerland

Organization for European economic cooperation. National accounts research unit. National accounts studies: Switzerland. The organization '51 p63-4

United States

Goldsmith, Raymond William. Study of saving in the United States. Princeton univ. press '55 2v v 1, p 1095-1117; v2, p605-23
Hanks, J. Whitney, and Stucki, Roland. Money, banking, and national income. Knopf '56 incl bibliog
Miller, Herman Phillip. Income of the American people. (Census monograph ser) Wiley '55 p 125-8
Wickman, Kenneth P. Kansas county income payments. Bur. of business research, School of business, Univ. of Kan. '56 p77-82

INCOME tax

Los Angeles county law library. Books and pamphlets on income tax law. The library '57 4p

United States

Sigafoos, Robert Alan. Municipal income tax: its history and problems. Public adm. service '55 p 155-7

INCUBATION

Nice, M. M. Incubation periods throughout the ages. Centaurus 3 no4:353-9 '54

INCUNABULA

Bratislava. Univerzita. Knížnica. Katalóg prvotlačí Univerzitnej knižnice v Bratislave. Catalogus incunabulorum Bibliothecae universitatis bratislaviensis; spracoval Imrich Kotvan. (Bibliografie) The library '55 2pts

Bratislava. Vedecká knižnica. Katalog prvotlačí Vedeckej knižnice mesta Bratislavy. Catalogus incunabulorum Bibliothecae scientificae civitatis bratislaviensis; spracoval Imrich Kotvan. (Bibliografie) Knížnica, Bratislava univ. '56 55p

Breslau. Uniwersytet. Biblioteka. Materiały do katalogu inkunabułów. (Informator, 10) Kocowski '51 p v-vii

Breslau. Zakład narodowy imienia Ossolińskich. Biblioteka. Katalog inkunabułów; na podstawie materiałów Kazimierza Piekarskiego opracowała Alodia Kawecka-Gryczowa. Zakład Im. Ossolińskich '56 p xxii-xxiv

Bristol, England. Municipal public libraries. Catalogue of books in the Bristol reference library which were printed abroad in languages other than English during the years 1473 to 1700. Corp. of Bristol '56 194p

British museum. London. Short-title catalogue of books printed in Italy and of Italian books printed in other countries from 1465-1600 now in the Museum. The museum '58 922p

Danzig. Biblioteka miejska. Katalog inkunabułów; opracowała Helena Jedrzejowska i Maria Pelczarowa. Towarzystwo przyjaciół nauki i sztuki '54 p19-23

Deckert, Helmut. Katalog der inkunabeln der Sächsischen landesbibliothek zu Dresden; ein bestandsverzeichnis nach den kriegsverlusten des jahres 1945. Harrassowitz '57 p 19-26

Goff, F. R. Miniature incunabula in the Library of Congress. Gutenberg Jahrb 33:108-17 '58

Gollob, H. Katalog der Wiener inkunabeln und frühdrucke bis zum jahre 1550 in der Nationalbibliothek, Wien. Antiquariat 12: 1-4. 34-6 Ja-F '56

Goodhart, Howard Lehman. Fifteenth-century books in the library of Howard Lehman Goodhart; with a description and check list by Phyllis Walter Goodhart Gordan. Overbrook press '55 160p

Gspan, Alfonz, and Badalič, Josip. Inkunabule v Sloveniji [katalog] Incunabula quae in Slovenia asservantur. (Razred za filološke in literarne vede, Dela, 10; Inšt. za literaturo, Dela, 3) Slovenska akademija znanosti in umetnosti '57 incl bibliog

Hispanic society of America. Library. List of books printed before 1601 in the library of the Hispanic society of America, by Clara Louisa Penney; offset reissue with additions. (Hispanic notes and monographs; essays, studies, and brief biographies; catalogue ser) The society '55 305p

Kronenberg, Maria Elizabeth. Campbell's Annales de la typographie néerlandaise au XV^e siècle; contributions to a new edition. Nijhoff '56 167p

Louda, Jiří. Soupis prvotisků Univerzitní knihovny v Olomouci a její pobočky v Kroměříži. Státní pedagogické nakl. '56 366p

Mirambell Belloc, E. Los incunables de la Biblioteca de Gerona. R Archivos Bibl Mus 63:533-633 J1 '57

Munich. Staatliche graphische sammlung. Inkunabeln; das erste jahrhundert des deutschen buch- und bilddrucks; ausstellung der Staatlichen graphischen sammlung und der der Bayerischen staatsbibliothek München, sept.-okt. 1957. Prestel-verlag '57? 70p

Olivar, Alexandre. Catalog dels incunables de la Biblioteca de Montserrat. (Scripta et documenta, 4) Montiserrati '55 122p

Oporto, Portugal. Biblioteca publica. Catálogo dos incunábulo; elaborado por Narciso de Azevedo. The library '53 230p

Palma, Majorca. Biblioteca pública. Catálogo de incunables de la Biblioteca pública de Palma de Mallorca; redactado por su director Jesús García Pastor. Cuerpo facultativo de archiveros, bibliotecarios y arqueólogos '51 348p

Ramage, David, and others. Finding-list of English books to 1640 in libraries in the British isles (excluding the national libraries and the libraries in Oxford and Cambridge) based on the numbers in Pollard & Redgrave's Short-title catalogue of bks. ptd. in England, Scotland and Ireland & English bks. ptd. abroad. 1475-1640. Council of the Durham colleges, Durham univ. '58 101p

Rio de Janeiro. Biblioteca nacional. Catálogo de incunábulo da Biblioteca nacional do Rio de Janeiro. Ministério da educação e cultura '56 377p

St Andrews, Scotland. University. Library. Catalogue of incunabula. (Pubs, no53) The university '56 vp

San Daniele del Friuli, Italy. Biblioteca comunale guarnieriana. Catalogo degli incunabuli della Biblioteca [di] Emilio Patriarca. Del Bianco '55 37p

Ulmann, Carl Joseph. Incunabula and early printed books, many with woodcut illustrations; the notable coll. of the late Carl J. Ulmann. Parke-Bernet galleries '52 84p

United States. Library of Congress. Early printed books of the Low Countries from the Lessing J. Rosenwald collection; an exhibition in the Library Apr. 2, 1958. to August 31, 1958. The library '58 37p

Uppsala. Universitet. Bibliotek. Katalog der inkunabeln der Kgl. universitätsbibliothek zu Uppsala; neuerwerbungen seit dem jahre 1907, von Hans Sallander. (Vilhelm Ekmans fond. Arbeten, 59) Almqvist '53 p8-9

Vienna. Nationalbibliothek. Inventar der illuminierten handschriften, inkunabeln und frühdrucke der österreichischen nationalbibliothek, von Franz Unterkircher. (Museum, neue folge, reihe 2; Allgemeine veröfentlichungen v2) Prachner '57-59 2v

Vienna. Universität. Bibliothek. Katalog der inkunabeln der Universitätsbibliothek Wien, zusammengestellt von Hugo Alker (Biblioschriften, 20) Universitätsbibliothek '58 132p

Wellcome historical medical library, London. Catalogue of incunabula in the Library [by] F. N. L. Poynter. (Wellcome historical medical museum, London. Pubs, new ser, no5) Oxford '54 159p

Yale university. Library. Incunabula in the Yale university libraries, by Thomas E. Marston, with the collaboration of Leon Nemoy. The library '55 82p

INDEX numbers (economics)

Raphael, M. and Price, A. Economic indicators for New Jersey. Bsns Lit 30:13-16 Mr '58 annot

INDEXES

Steiner-Prag, E. F. and Jacobstein, J. M. Indexes and indexing: a selected bibliography of books and pamphlets [and] periodical articles. Lib J 83:1356-8 My 1 '58

See also

Abstracting and indexing services

INDEXING

Council of national library associations. American standard basic criteria for indexes. Am. standards assn. '59 p9-11

INDEXING—Continued

- Landuyt, M. M. Indexing systems suitable for technical literature handling: a bibliography. Sp Lib 47:124-5 Mr '56 annot
- Wayne, Jean M. Indexing, with emphasis on its technique; an annot. bibliog. 1939-1954. Special libs. assn. '55 16p
- Wheeler, Martha Thorne. Indexing; principles, rules and examples. 5th ed. rev. by Janet M. Strube. (N.Y. (state). Univ. Bul. no 1445) N.Y. State lib. '57 p69-72

INDEXING and abstracting services. See Abstracting and indexing services

INDIA

- Finegan, Jack. India today! (Bethany press bk) Bethany press '55 p 198-200
- Mary Washington college, Fredericksburg, Virginia. Library. India; bibliog. of bks. in the Library. The library '53 16p
- Moraes, Francis Robert. Jawaharlal Nehru; a biography. Macmillan '56 p495-8
- Nilakanta Sastri, Kallidakkurichi Aiyah Aiyar. History of South India from prehistoric times to the fall of Vijayanagar. Oxford '55 incl bibliog
- Ornati, Oscar A. Jobs and workers in India. (Cornell int. industrial and labor relations reps, no3) Inst. of int. industrial & labor relations, N.Y. state school of industrial & labor relations '55 p203-9 annot
- Prague. Universita Karlova. Knihovna. Indie, Barma, Indonesie [výběrový seznam literatury; sest. Miroslav Kaftan] (Čtème a studujeme, 1956, no3) The library '56 15p
- Reid, E. Guide to India. Int J 13:69-73 Winter '57 annot
- Wilson, Patrick. Government and politics of India and Pakistan, 1885-1955: a bibliog. of works in western languages. (Modern India projet. Bibliog. study no2) South Asia studies, Inst. of East Asiatic studies, Univ. of Calif. '56 356p

Antiquities

- Basham, Arthur Llewellyn. Wonder that was India; a survey of the culture of the Indian sub-continent before the coming of the Muslims. Sidgwick '55 p516-39
- Subbarao, Bendapudi. Personality of India, a study in the development of material culture of India and Pakistan; with a foreword by Sir Mortimer Wheeler. (Archaeology ser, no 3) Dept. of archaeology, Maharaja Sayajirao univ. of Baroda '56 p 131-5

Church history

- American church union. American church publications committee. Christianity in India; an historical summary having particular reference to the Anglican communion and to the Church of South India; with a foreword by Robert Erskine Campbell. 2d ed. Am. church pubs. '54 p45-7

See also

- Syro-Jacobite church of Malabar

Civilization

- Basham, Arthur Llewellyn. Wonder that was India; a survey of the culture of the Indian sub-continent before the coming of the Muslims. Sidgwick '55 p516-39
- De Barry, William Theodore, ed. Sources of Indian tradition; comp. by Wm. Theodore De Barry [and others] (Records of civilization: sources and studies, 56; introd. to oriental civilizations, 3) Columbia univ. press '58 p337-46

Discovery and exploration

- From Lisbon to Calicut; tr. by Alvin E. Protengeler; commentary and notes by John Parker. (Minnesota. Univ. Lib. James Ford Bell collection. Pubs) Univ. of Minn. press '56 p39-40

Economic conditions

- Bose, Sanat Kumar. Capital and labour in the Indian tea industry. (Trade union pub. ser, no8) All-India trade union congress '54 p 155-6
- Cover, John Higson, and others. Economy of India. (Human relations area files, inc. Subcontractor's monograph, HRAF-32) South Asia project, Univ. of Calif. '56 p607-24
- Etienne, Gilbert. L'Inde, économie et population; préf. de Pierre Meile. (Etudes d'histoire économique, politique et sociale, 16) Droz '55 p 159-69

- Gadgil, D. R. and Namjoshi, M. V. Origins of the modern Indian business class; an interim report. Inst. of Pacific relations '59 p45-6
- Griffiths, Sir Percival Joseph. British impact on India. Macdonald '52 p489-500

Economic policy

- Ghosh, Alak. Indian economy, its nature and problems; a new look Indian economics. World press '57 incl bibliog

Foreign relations

- Karunakaran, Kotta P. India in world affairs; a review of India's foreign relations. (Indian council of world affairs. India in world affairs, 1-2) Oxford '52-'53 2v v 1. p389-400; v2. p255-9
- Kundra, Jagdish Chandra. Indian foreign policy, 1947-1954; a study of relations with the western bloc. Wolters '55 p226-33
- Sakar, Bidyut Kumar, and others. Selected and annotated bibliography of the government, politics, and foreign relations of India. Human relations area files, South Asia project, Univ. of Calif. '56 65p

Government publications

- India (Republic). Ministry of education. Catalogue of publications. (Pub. no 198) Manager of pubs. '56 22p

History

- Chattopadhyaya, Sudhakar. Early history of North India from the fall of the Mauryas to the death of Harsha ca 200 B.C.-A.D. 650. Progressive pubs. '58 p287-306
- Majumdar, Ramesh Chandra. Ancient India. Motilal Banarsidass '52 p533-48
- Prasad, Ishwari. Life and times of Humāyūn. Longmans '55 p383-411

British occupation, 1765-1947

- Griffiths, Sir Percival Joseph. British impact on India. Macdonald '52 p489-500
- Srinivasachari, Chidambaram S. Inwardness of British annexations in India. (Sir William Meyer lectures, 1948-49) Univ. of Madras '51 p 198-205

Sepoy rebellion, 1857-1858

- Gardner, Frank Matthias. Indian mutiny. (Special subject list, no 18) Lib. assn. '57 4p

Industries and resources

- Sharma, Tulsi Ram. Location of industries in India; foreword by Radhakamal Mukerjee. 3d ed rev & enl Hind Kitabs '54 p357-64

Native races

- See also
- Purum (tribe)

Politics and government

- Bondurant, Joan Valérie. Regionalism versus provincialism; a study in problems of Indian national unity. (Indian press digests. Monograph ser, no4) Inst. of int. studies, Univ. of Calif. '58 p xiii-xix (at end)
- Brecher, Michael. Nehru; a political biography. Oxford '59 p641-51
- Morris-Jones, Wyndraeth Humphreys. Parliament in India. Univ. of Pa. press '57 p407-12
- Sakar, Bidyut Kumar, and others. Selected and annotated bibliography of the government, politics, and foreign relations of India. Human relations area files, South Asia project, Univ. of Calif. '56 65p
- Weiner, Myron. Party politics in India; the development of a multi-party system. Princeton univ. press '57 p233-312

Population

- Etienne, Gilbert. L'Inde, économie et population; préf. de Pierre Meile. (Etudes d'histoire économique, politique et sociale, 16) Droz '55 p 159-69

Religion

- Brown, Leslie Wilfred. Indian Christians of St Thomas; an account of the ancient Syrian church of Malabar. Cambridge '56 p306-12
- Sheean, Vincent. Mahatma Gandhi; a great life in brief. (Great lives in brief; a new ser. in biographies) Knopf '55 p201-4 annot
- See also
- Sivaism

INDIA—Continued

Social conditions

- Prabhu, Pandhari-nath. Hindu social organization; a study in social-psychological and ideological foundations. new rev ed Popular bk. depot '54 p365-83
- Unnithan, Thottamon Kantam Kesavan Narayanan. Gandhi and free India; a socio-economic study; with a foreword by B. Landheer. Lounz '56 p248-58

INDIA, Portuguese

- Pereira, Armando Gonçalves. India Portuguesa. (Monografias dos territorios do ultramar.) Divisão de publicações e biblioteca, Agência geral do ultramar '53 p475-90

INDIAN architecture (East Indian) See Architecture, Indic

INDIAN art (East Indian) See Art, Indic

INDIAN languages. See Indians—Languages; Indians of Mexico—Languages

INDIAN Mutiny, 1857-1858. See India—History—Sepoy rebellion, 1857-1858

INDIAN painting (East Indian) See Painting, Indic

INDIAN reservations. See Indians of North America—Reservations

INDIANA

- Byrd, Cecil K. and Peckham, Howard Henry. Bibliography of Indiana imprints, 1804-1853. (Indiana historical colls, v35) Ind. historical bur. '55 479p

INDIANS

- Dockstader, Frederick J. American Indian in graduate studies; a bibliog. of theses and dissertations. (Contributions, v 15) Museum of the Am. Indian, Heye foundation '57 399p
- Lips, Eva. Das Indianerbuch. Brockhaus '56 p416-43
- United States. Superintendent of documents. National museum, Smithsonian institution. Indians. (Price list 55, 33d ed) U.S. Gov. ptg. office '59 5p

Antiquities

- Canals Frau, Salvador. Las civilizaciones prehispánicas de América. Editorial Sudamericana '55 p605-29
- Some recent publications. See numbers of American antiquity
- Willey, Gordon Randolph, ed. Prehistoric settlement patterns in the New World. (Viking foundation pubs. in anthropology, no23) Wenner-Gren foundation for anthropological research '57 p 183-202
- Willey, G. R. Estimated correlations and dating of South and Central American culture sequences. Am Antiq 23:372-8 Ap '58

See also

Indians—Pottery

Art

- Collier, Donald. Indian art of the Americas. Chicago natural history museum '59 p[6-7]
- Kelemen, Pál. Medieval American art; masterpieces of the New World before Columbus. Macmillan '56 p385-406
- Steinmetz, Mildred. Indian art of the Americas; a unit study for the secondary schools. (Curriculum bul, no 153) School of education, Univ. of Ore. '55 p37-40

Culture

- Canals Frau, Salvador. Las civilizaciones prehispánicas de América. Editorial Sudamericana '55 p605-29
- González Ruiz, Felipe. Evolución de la cultura en América; estudios de iniciación. Sapientia '53 incl bibliog

Folklore

See Folklore, Indian

History

- Armillas, Pedro. Program of the history of American Indians; pt 1, Pre-Columbian America. (Social science monographs, 2) Social science sec. Dept. of cultural affairs, Pan Am. union '58 incl bibliog annot

Languages

- Symposium on American Indian linguistics, University of California, 1951. Papers from the Symposium, held at Berkeley, July 7, 1951. (Calif. Univ. Pubs. in linguistics, v 10) Univ. of Calif. press '54 p25-6

Origin

- Canals Frau, Salvador. Las civilizaciones prehispánicas de América. Editorial Sudamericana '55 p605-29

Political and social organization

- Chang, K. C. Study of the neolithic social grouping; examples from the New World. Am Anthrop 60:325-34 Ap '58

Pottery

- Bushnell, Geoffrey Hext Sutherland, and Digby, Adrian. Ancient American pottery. (Faber monographs on pottery and porcelain) Pitman '55 p47-8

INDIANS, Treatment of

See also

- Indians of North America—Government relations

INDIANS of Central America

- Handbook of Latin American studies, no18[21] Univ. of Fla. press '55-'59 4v no 18, p20-5; no 19, p36-46; no20, p35-41; no21, p26-31 annot
- Nash, M. Multiple society in economic development: Mexico and Guatemala. Am Anthrop 59:832-3 O '57

See also

Mayas

Anthropometry

- Handbook of Latin American studies, no18[21] Univ. of Fla. press '55-'59 4v no 18, p29-33; no 19, p53-60; no20, p52-7; no21, p37-42 annot

Antiquities

- Borhegyi, S. F. de. Pottery mask tradition in Mesoamerica. Sw J Anthropol 11:212-13 Fall '55
- Covarrubias, Miguel. Indian art of Mexico and Central America. Knopf '57 p335-60
- Dixon, K. A. Two masterpieces of Middle American bone sculpture. Am Antiq 24: 61-2 Jl '58
- Handbook of Latin American studies, no18[21] Univ. of Fla. press '55-'59 4v no 18, p4-12; no 19, p5-18; no20, p5-20; no 21, p4-20 annot
- Willey, Gordon Randolph, and others. Middle American anthropology; special symposium of the Am. anthropological association. (Social science monographs, 5) Social science sec. Dept. of cultural affairs, Pan Am. union '58 incl bibliog

See also

Mayas

Art

- Rands, R. L. Comparative notes on the hand-eye and related motifs. Am Antiq 22:256-7 Ja '57
- Toscano, Salvador. Arte precolombino de México y de la América Central. 2d ed Inst. de investigaciones estéticas, Univ. nacional autónoma de México '52 incl bibliog

Culture

- Adams, R. N. Cultural components of Central America. Am Anthrop 58:906-7 O '56

Folklore

See Folklore, Indian

Languages

- See also
Maya language

Missions

- Rios, Eduardo Enrique. Life of fray Antonio Margil o.f.m.; tr. and rev. by Benedict Leutenegger. Acad. of Am. Franciscan history '59 p 141-7

Guatemala

- Adams, Richard Newbold. Political changes in Guatemalan Indian communities. (Pub. no24) Middle Am. research inst. Tulane univ. '57 p53-4
- Ewald, Robert Harold. Bibliografía comentada sobre antropología social guatemalteca, 1900-1955; versión castellana de Carlos Delgado. Seminario de integración social guatemalteca '56 132p
- Miles, Suzanne W. Sixteenth-century Pokom-Maya: a documentary analysis of social structure and archaeological setting. Am Philos Soc Trans 47:779-81 '57
- Nash, Manning. Machine age Maya; the industrialization of a Guatemalan community. Free press; Research center in economic development & cultural change, Univ. of Chicago '58 p 117-18

INDIANS of Mexico

Handbook of Latin American studies.
no 18[21] Univ. of Fla. press '55-'59 4v
no 18, p20-5; no 19, p36-46; no20, p35-41;
no21, p26-31 annot

Phelan, John Leddy. Millennial kingdom of
the Franciscans in the New world; a study
of the writings of Gerónimo de Mendieta
(1525-1604). (Calif. Univ. Pubs. in history,
v52) Univ. of Calif. press '56 p 149-52

See also

Mayas

Anthropometry

Handbook of Latin American studies.
no 18[21] Univ. of Fla. press '55-'59 4v
no 18, p29-33; no 19, p53-60; no20, p52-7;
no21, p37-42 annot

Antiquities

Brainerd, George Walton. Archaeological
ceramics of Yucatan. (Anthropological
records, v 19) Univ. of Calif. press '58
p 101-6

Covarrubias, Miguel. Indian art of Mexico
and Central America. Knopf '57 p335-60

Handbook of Latin American studies.
no 18[21] Univ. of Fla. press '55-'59 4v
no 18, p4-12; no 19, p5-18; no20, p5-20;
no21, p4-20 annot

Wolf, E. R. and Palerm, A. Irrigation in
the old Acolhua domain, Mexico. Sw J
Anthrop 11:279-81 Fall '55

See also

Indians of Mexico—Pottery

Maya language

Mayas—Antiquities

Art

Rands, Robert L. Some manifestations of
water in Meso-American art. (U.S. Bur. of
Am. ethnology. Anthropological papers,
no48; Bul. 157) U.S. Gov. ptg. office '56
p386-93

Toscano, Salvador. Arte precolombino de
México y de la América Central. 2d ed Inst.
de investigaciones estéticas, Univ. nacional
autónoma de México '52 incl bibliog

See also

Indians of Mexico—Pottery

Culture

Ruiz, R. E. Mexico: indianismo and the
rural school. Harvard Educ R 28:117-19
Spring '58

Languages

Ugarte, Salvador. Catálogo de obras escritas
en lenguas indígenas de México o que tratan
de ellas de la biblioteca particular de Sal-
vador Ugarte; prólogo de Daniel Kuri
Brenia. 2d ed The author '54 p3-6

Pottery

Noguera, Eduardo. La cerámica arqueológica
de Cholula. (Biblioteca de historia y ar-
queología americanas) Editorial Guaranía
'54 p305-11

INDIANS of North America

Associates of the John Carter Brown library.
Mirror of the Indian: an exhibition of bks.
and other source materials by Spanish,
French, and English historians and colonists
of North Am. from the 16th throughout
the 18th cent; with an address, The Am
Indian: incorrigible individualist, by Ed-
mund S. Morgan. The library '58 57p

Bibliographie américaniste. Soc Americanistes
J 41:523-617; 42:433-531; 43:247-349; 44:275-
359; 45:247-370; 46:239-382 '52-'57

Daniels, Walter Machray, ed. American In-
dians. (Reference shelf, v29, no4) Wilson
'57 p211-19

Dorian, Edith M. and Wilson, William Nor-
manton, Hokahey! American Indians then
and now. McGraw '57 p 107-8

Driver, H. E. and Massey, W. C. Compar-
ative studies of North American Indians.
Am Philos Soc Trans 47 pt2:440-9 '57

Drucker, Philip. Indians of the Northwest
coast. (Am. museum of natural history.
Anthropological handbk. no 10) McGraw '55
p 197-9 annot

Eggan, Fred, ed. Social anthropology of
North American tribes by Fred Eggan [and
others] 2d enl ed Univ. of Chicago press
'55 p555-67

Fenton, William Nelson. American Indian and
white relations to 1830; needs & opportu-
nities for study; an essay; a bibliog. by L. H.
Butterfield [and others] (Needs and op-
portunities for study ser) Univ. of N.C.
press '57 p31-122 annot

Haber, Grace Stevenson. With pipe and
tomahawk; the story of Logan, the Mingo
chief. Pageant press '58 p 125-6

Heiderstadt, Dorothy. Indian friends and foes;
a baker's dozen portraits from Pocahontas
to Geronimo. McKay '58 p 117-24

Holjer, H. Athapaskan kinship systems. Am
Anthrop 58:332-3 Ap '56

Honigmann, J. J. Attawapiskat Swampy
Cree—an ethnographic reconstruction.
Alaska Univ Anthrop Pa 5:80-2 D '56

Jones, John Alan. List of unpublished doc-
toral dissertations and masters theses in
the field of anthropology bearing on North
American Indians north of Mexico. U.S.
Dept. of justice '52? 19p

Kaut, Charles E. Western Apache clan sys-
tem: its origins and development. (N.Mex.
Univ. Pubs. in anthropology, no9) Univ.
of N.Mex. '57 p95-9

Kraus, B. S. and White, C. B. Micro-
evolution in a human population: a study
of social endogamy and blood type distribu-
tions among the western Apache. Am
Anthrop 58:1041-3 D '56

Madsen, Brigham D. Bannock of Idaho. Cax-
ton ptrs. '58 p363-70

New York. State library. Selected reading
list of books and articles on Indians of
North America in the Library. (Educational
leaflet ser, no9) New York state museum
'58 8p

United States. Congress. House. Committee
on interior and insular affairs. Report with
respect to the House resolution authorizing
the Committee to conduct an investigation
of the Bureau of Indian affairs, pursuant
to H. res. 698. (82d Cong) (U.S. 82d Cong,
2d sess, 1952. House. Rep. no2503) U.S. Gov.
ptg. office '53 incl bibliog

See also

Cherokee Indians
Chippewa Indians
Choctaw Indians
Dakota Indians
Delaware Indians
Eskimos
Hopi Indians
Karak Indians
Maidu Indians
Menominee Indians
Navaho Indians
Pueblo Indians
Seminole Indians
Siouan Indians
Susquehanna Indians
Ute Indians
Wichita Indians

Acculturation

Bruner, E. M. Cultural transmission and cul-
tural change. Sw J Anthrop 12:197-9 Sum-
mer '56

Friedl, E. Persistence in Chippewa culture
and personality. Am Anthrop 58:824-5 O '56

Agriculture

Kaplan, L. Cultivated beans of the prehistoric
Southwest. Mo Bot Gard Ann 43:225-7 My
'56

Antiquities

Byers, D. S. and others. [Five papers on the
archaic stage] Am Antiq 24:306-18 Ja '59

Daugherty, Richard Deo. Early man in the
Columbia intermontane province. (Anthro-
pological papers, no24) Dept. of anthropol-
ogy, Univ. of Utah '56 p 103-23

Dixon, Keith A. Hidden house; a cliff ruin in
Sycamore canyon, central Arizona. (Mu-
seum of northern Ariz. Bul. 29) Northern
Ariz. soc. of science & art '56 p73-85

Fairbanks, Charles Herron. Archeology of the
Funeral mound, Ocmulgee national monu-
ment, Georgia; with introd. by Frank M.
Setzler. (Archeological research ser, no3)
National park service, U.S. Dept. of the in-
terior '56 p77-8

Farmer, M. F. Suggested typology of defen-
sive systems of the Southwest. Sw J An-
throp 13:262-6 Autumn '57

Giddings, J. L. Flint site in northernmost
Manitoba. Am Antiq 21:266-8 Ja '56

INDIANS of North America—Continued

- Gillin, John Philip. Archeological investigations in Nine Mile canyon, Utah: a republication. (Anthropological papers, no21) Dept. of anthropology, Univ. of Utah '55 p31-2
- Gladwin, Harold Sterling. History of the ancient Southwest. Bond Wheelwright '57 p363-72
- Gunnerson, James F. Archeological survey of the Fremont area. (Utah. Univ. Dept. of anthropology. Anthropological papers, no28) Univ. of Utah press '57 p 147-54
- Haag, William George. Archeology of coastal North Carolina. (La. State univ. Studies. Coastal studies ser. no2) La. state univ. press '58 p 134-6
- Heizer, Robert Fleming, and Krieger, Alex Dony. Archaeology of Humboldt cave, Churchill county, Nevada. (Calif. Univ. Pubs. in Am. archaeology and ethnology, v47, no 1) Univ. of Calif. press '56 p 114-20
- Handbook of Latin American studies, no 181-211 Univ. of Fla. press '55-'59 4v no 18, p 12-20; no 19, p18-36; no20, p25-35; no21, p 16-26 annot
- Hunt, Alice. Archeological survey of the La Sal Mountain area, Utah. (Anthropological papers, no 14) Dept. of anthropology, Univ. of Utah '53 p239-48
- Meighan, Clement Woodward, and others. Archeological excavations in Iron county, Utah. (Anthropological papers, no25) Dept. of anthropology, Univ. of Utah '56 p 128-32
- Newcomb, William Wilmon. Culture and acculturation of the Delaware Indians. (Anthropological papers, no 10) Museum of anthropology, Univ. of Mich. '56 p 132-41
- Osborne, D. and others. Problem of northwest coastal-interior relationships as seen from Seattle. Am Antiq 22:126-8 O '56
- Reed, Erik Kellerman. Excavations in Mancos canyon, Colorado; with apps. by T. D. Stewart [and others] (Utah. Univ. Dept. of anthropology. Anthropological papers, no35) Univ. of Utah press '58 p 170-82
- Ritchie, William Augustus. Recent discoveries suggesting an early woodland burial cult in the Northeast. (Circ. 40) N.Y. state museum & science service '55 p85-9
- Rudy, Jack R. Archeological excavations in Beef basin, Utah. (Anthropological papers, no20) Dept. of anthropology, Univ. of Utah '55 p97-101
- Rudy, Jack R. Archeological survey of western Utah. (Anthropological papers, no12) Dept. of anthropology, Univ. of Utah '53 p 174-82
- Rudy, Jack R. Pine Park shelter, Washington county, Utah. (Anthropological papers, no 18) Dept. of anthropology, Univ. of Utah '54 p23-4
- Sanilac petroglyphs. (Bul. no36) Cranbrook inst. of science '58 p46-7
- Schroeder, Albert Henry, and others. Archeology of Zion Park. (Anthropological papers, no22) Dept. of anthropology, Univ. of Utah '55 p202-10
- Sears, William Hulse. Excavations at Kolomoki. (Ga. Univ. Ser. in anthropology, no2-5) Univ. of Ga. press '51-'56 4v incl bibliog
- Smith, M. W. Cultural development of the Northwest coast. Sw J Anthropol 12:292-4 Autumn '56
- Spaulding, Albert Clanton. Arzberger site, Hughes county, South Dakota. (Occasional contributions, no 16) Museum of anthropology, Univ. of Mich. '56 p 169-73
- Suttles, W. Middle Fraser and Foothill cultures: a criticism. Sw J Anthropol 13:180-3 Summer '57
- Taylor, Dee Calderwood. Garrison site; a rep. of archeological excavations in Snake valley, Nevada-Utah. (Anthropological papers, no 16) Dept. of anthropology, Univ. of Utah '54 p62-4
- Taylor, Dee Calderwood. Two Fremont sites and their position in Southwestern prehistory; with apps. by Noel Morss [and] William H. Burt; Robert Anderson, editor. (Utah. Univ. Dept. of anthropology. Anthropological papers, no29) Univ. of Utah press '57 p 174-85
- Wallace, W. J. Suggested chronology for southern California coastal archaeology. Sw J Anthropol 11:228-30 Fall '55
- Wedel, Waldo R. Archeological materials from the vicinity of Mobridge, South Dakota. (U.S. Bur. of Am. ethnology. Anthropological papers, no45; Bul. 157) U.S. Gov. ptg. office '55 p 185-8
- Wheat, Joe Ben. Mogollon culture prior to A.D. 1000. (Memoir no82) Am. anthropological assn. '55 p234-42
- Withoft, John, and Kinsey, W. Fred, eds. Susquehanna miscellany. Pa. historical & museum comm. '59 p 155-62
- Wittry, W. L. and Ritzenthaler, R. E. Old copper complex: an archaic manifestation in Wisconsin. Am Antiq 21:253-4 Ja '56
- Wormington, Hannah Marie, and Lister, Robert H. Archeological investigations on the Uncompahgre plateau in west central Colorado. Supplementary reports: Geology of the Taylor site by Charles B. Hunt; Petroglyphs of the Alva site by Al Look; Luster cave maize by Norton H. Nickerson and Ding Hou. (Proceedings, no2) Denver Museum of natural history '56 p 127-9
- See also
- Indians of North America—Implements and weapons
- Indians of North America—Pottery
- Art
- Mills, George Thompson. Navaho art and culture. Colorado Springs fine arts center '59 p212-21 annot
- Rands, R. L. Comparative notes on the hand-eye and related motifs. Am Antiq 22:256-7 Ja '57
- Smith, Watson. Kiva mural decorations at Awatovi and Kawaika-a; with a survey of other wall paintings in the Pueblo southwest. (Awatovi expedition. Reps, no5; Papers, v37) Peabody museum of Am. archaeology & ethnology, Harvard univ. '52 p327-47
- Tanner, Clara Lee. Southwest Indian painting. Univ. of Ariz. press '57 p 150-3
- See also
- Indians of North America—Pottery
- Costume and adornment
- Ewers, John C. Hair pipes in Plains Indian adornment; a study in Indian and white ingenuity. (U.S. Bur. of Am. ethnology. Bul. 164; Anthropological papers, no50) U.S. Gov. ptg. office '57 p83-5
- Wildschut, William, and Ewers, John Canfield. Crow Indian beadwork; a descriptive and historical study. (Contributions, v 16) Heye foundation, Museum of the Am. Indian '59 p53-5
- Culture
- Barnett, Homer Garner. Coast Salish of British Columbia. (Ore. Univ. Monographs. Studies in anthropology, no4) Univ. of Ore. press '55 p311-14
- Freilich, M. Cultural persistence among the modern Iroquois. Anthropos 53 no3:482-3 '58
- Lang, Gottfried O. Study in culture contact and culture change; the White Rock Utes in transition. (Anthropological papers, no 15) Dept. of anthropology, Univ. of Utah '53 p70-6
- Mills, George Thompson. Navaho art and culture. Colorado Springs fine arts center '59 p212-21 annot
- Schoolcraft, Henry Rowe. Indian legends from Algonic researches. The myth of Hiawatha, Oneota, The red race in America, and historical and statistical information respecting the Indian tribes of the United States; ed. by Mentor L. Williams. Mich. state univ. press '56 p311-12
- Spier, Leslie. Mohave culture items. (Flagstaff, Ariz. Museum of Northern Ariz. Bul. 28) Northern Ariz. soc. of science & art '55 p31-3
- Suttles, W. Middle Fraser and Foothill cultures: a criticism. Sw J Anthropol 13:180-3 Summer '57
- Voget, F. W. American Indian in transition: reformation and accommodation. Am Anthrop 53:261-3 Ap '56
- Wormington, Hannah Marie. Reappraisal of the Fremont culture; with a summary of the archaeology of the northern periphery. (Proceedings, no 1) Denver museum of natural history '55 p 191-200
- See also
- Indians of North America—Art

INDIANS of North America—Continued

Dances

- Barker, G. C. Some functions of Catholic processions in Pueblo and Yaqui culture change. *Am Anthropol* 60:454-5 Je '58
See also
 Sun dance

Dwellings

- Kehoe, T. F. Tipi rings: the direct ethnological approach applied to an archeological problem. *Am Anthropol* 60:372-3 O '58
 Laubin, Reginald, and Laubin, Gladys. Indian tipi; its history, construction, and use; with a history of the tipi by Stanley Vestal. Univ. of Okla. press '57 p 197-202

Economic conditions

- Wike, J. Problems in fur trade analysis: the northwest coast. *Am Anthropol* 60:1098-1101 D '58

Education

- Eggan, D. Instruction and affect in Hopi cultural continuity. *Sw J Anthropol* 12:366-70 Winter '56

Folklore

See Folklore, Indian

Food

- Darby, W. J. and others. Study of the dietary background and nutriture of the Navaho Indian. *J Nutrition* 60 sup 2:81-5 N '56

Government relations

- Blumenthal, Walter Hart. American Indians dispossessed; fraud in land cessions forced upon the tribes. *MacManus co.* '55 p 191-200
 Rahill, Peter James. Catholic Indian missions and Grant's peace policy, 1870-1884; foreword by Edwin V. O'Hara. Catholic univ. of Am. press '53 p349-60

History

Civil war

- Cunningham, Frank. General Stand Watie's Confederate Indians. *Naylor* '59 p215-18

Implements and weapons

- Kellar, James H. Atlatl in North America. (*Prehistory research ser.* v3, no3) *Ind. historical soc.* '55 p344-52

Kinship

- Matthews, G. H. Proto-Siouan kinship terminology. *Am Anthropol* 61:277-8 Ap '59

Land tenure

- Wallace, A. F. C. Political organization and land tenure among the northeastern Indians, 1600-1830. *Sw J Anthropol* 13:319-21 Winter '57

Land transfers

- Blumenthal, Walter Hart. American Indians dispossessed; fraud in land cessions forced upon the tribes. *MacManus co.* '55 p 191-200

Languages

- Haas, M. R. New linguistic relationship in North America: Algonkian and the Gulf languages. *Sw J Anthropol* 14:260-4 Autumn '58

- Henshaw, Henry Wetherbee. Mission Indian vocabularies; ed. with ethnographic notes, by R. F. M. Heizer. (*Calif. Indian linguistic records; Anthropological records*, v 15, no2) Univ. of Calif. press '55 p201-2

- Hymes, D. H. Na-Dené and positional analysis of categories. *Am Anthropol* 58:636-8 Ag '56

- Hymes, D. H. Some Penutian elements and the Penutian hypothesis. *Sw J Anthropol* 13: 85-7 Spring '57

- Matthews, G. H. Proto-Siouan kinship terminology. *Am Anthropol* 61:277-8 Ap '59

See also

Athapascan languages

Legends

- Kroeber, Theodora. Inland whale; foreword by Oliver La Farge. *Ind. univ. press* '59 p203-5 annot

Missions

- Rahill, Peter James. Catholic Indian missions and Grant's peace policy, 1870-1884; foreword by Edwin V. O'Hara. Catholic univ. of Am. press '53 p349-60

- Wilken, Robert L. Anselm Weber, O. F. M. missionary to the Navaho, 1898-1921. *Bruce pub.* '55 p235-48

See also

Jesuits—Missions

Music

- Densmore, Frances. Music of the Maidu Indians of California. (*Frederick Webb Hodge anniversary pub. fund. Pubs.* 7) Southwest museum '58 p67
 Densmore, Frances. Seminole music. (*U.S. Bur. of Am. ethnology. Bul.* 161) U.S. Gov. ptg. office '56 p217-18
 McAllester, David Park. Enemy way music; a study of social and esthetic values as seen in Navaho music. (*Reps. of Rimrock project; values ser.* no3; *Papers*, v41, no3) Peabody museum of Am. archaeology & ethnology, Harvard univ. '54 p95-6

Mythology

See Indians of North America—Legends; Indians of North America—Religion and mythology

Pottery

- Webb, William Snyder, and Baby, Raymond S. Adena people, no2; with chapters by Charles E. Snow and Robert M. Goslin. Ohio state univ. press '57 p 115-19
 Wedel, Waldo R. Observations on some nineteenth-century pottery vessels from the upper Missouri. (*U.S. Bur. of Am. ethnology. Bul.* 164; *Anthropological papers*, no51) U.S. Gov. ptg. office '57 p 111-12
 Wheat, J. B. and others. Ceramic variety, type cluster, and ceramic system in Southwestern pottery analysis. *Am Antiq* 24: 45-7 Jl '58

Psychology

- Eggan, D. Instruction and effect in Hopi cultural continuity. *Sw J Anthropol* 12:366-70 Winter '56
 Friedl, E. Persistence in Chippewa culture and personality. *Am Anthropol* 58:824-5 O '56

Religion and mythology

- Aberle, David Friend, and Stewart, Omer Call. Navaho and Ute peyotism; a chronological and distributional study. (*Colo. Univ. Studies. Ser. in anthropology*, no6) Univ. of Colo. press '57 p 126-9
 Hultkrantz, Åke. Conceptions of the soul among North American Indians; a study in religious ethnology. (*Monograph ser.* pub, no 1) Stockholm. Statens etnografiska museum '53 p514-41
 Laski, Vera. Seeking life; with a foreword by John Collier. (*Memoirs*, v50) *Am. folklore soc.* '58 p 169-76
 Link, Margaret Schevill. Pollen path; a coll. of Navajo myths retold; with a psychological commentary by Joseph L. Henderson. Stanford univ. press '56 p203-5
 O'Bryan, Aileen. Diné; origin myths of the Navaho Indians. (*U.S. Bur. of Am. ethnology. Bul.* 163) U.S. Gov. ptg. office '56 p 135-7
 Slotkin, James Sydney. Peyote religion; a study in Indian-white relations. Free press '56 p 143-87
 Spencer, Katherine. Mythology and values; an analysis of Navaho chantway myths. (*Memoirs*, v48) *Am. folklore soc.* '57 p235-40
 Suttles, W. Plateau prophet dance among the coast Salish. *Sw J Anthropol* 13:393-6 Winter '57
 Wallace, A. F. C. New religions among the Delaware Indians, 1600-1900. *Sw J Anthropol* 12:20-1 Spring '56

See also

Katcinas

Peyote

Reservations

- United States. National archives. List of cartographic records of the Bureau of Indian affairs (record group 75) comp. by Laura E. Kelsay. (*Special list no 13*) The archives '54 127p

Social life and customs

- Edmonson, Munro S. Status terminology and the social structure of North American Indians. (*Am. ethnological soc. Pubs*) Univ. of Wash. press '58 p81-4
 Norbeck, Oscar E. Book of Indian life crafts. Assn. press '58 p241-6

See also

Indians of North America—Land transfers

Treaties

INDIANS of North America—Continued

Tribal government

- Drucker, Philip. Native brotherhoods; modern intertribal organizations on the Northwest coast. (U.S. Bur. of Am. ethnology, Bul. 168) U.S. Gov. ptg. office '58 p 161-4
- Wallace, A. F. C. Political organization and land tenure among the northeastern Indians, 1600-1830. *Sw J Anthropol* 13:319-21 Winter '57

Wars

- Dunn, Jacob Piatt. Massacres of the mountains; a history of the Indian wars of the Far West, 1815-1875. Archer house '58 p655-62
- Stewart, Edgar Irving. Custer's luck. Univ. of Okla. press '55 p496-506
- See also*
- Rosebud, Battle of the, 1876
- White River massacre, 1879

California

- Baumhoff, Martin A. California Athabaskan groups. (Calif. Univ. Pubs. Anthropological records, v 16, no6) Univ. of Calif. press '58 p230-1
- Cook, Sherburne Friend. Aboriginal population of the north coast of California. (Anthropological records, v 16, no3) Univ. of Calif. press '56 p 128-9
- Cook, Sherburne Friend. Aboriginal population of the San Joaquin valley, California. (Anthropological records, v 16, no 2) Univ. of Calif. press '55 p72-4
- Henshaw, Henry Wetherbee. Mission Indian vocabularies; ed. with ethnographic notes, by R. F. M. Heizer. (Calif. Indian linguistic records; Anthropological records, v 15, no2) Univ. of Calif. press '55 p201-2
- Kroeber, Alfred Louis. Ethnographic interpretations. (Calif. Univ. Pubs. in Am. archaeology and ethnology, v47, no2-3) Univ. of Calif. press '57-'59 2v v1, p234; v2, p308-9
- Kroeber, Alfred Louis. Handbook of the Indians of California. Calif. bk. co. '59 p943-66 annot
- Merriam, Clinton Hart. Studies of California Indians; ed. by the staff of the Dept. of anthropology of the Univ. of California. Univ. of Calif. press '55 p227-9

Canada

- Fried, Jacob, ed. Survey of the aboriginal populations of Quebec and Labrador. (Eastern Canadian anthropological ser, no 1) McGill univ. '55 p 1-52
- Fundaburk, Emma Lila, and Foreman, Mary Douglass (Fundaburk) eds. Sun circles and human hands; the southeastern Indians art and industries. Emma Lila Fundaburk '57 p222-7
- Wallis, Wilson D. and Wallis, Ruth Sawtell. Malecite Indians of New Brunswick. (Bul. no 148; Anthropological ser, no40) Nat. museum of Canada '57 p53-4

Colorado

- Rockwell, Wilson. Utes; a forgotten people. Sage '56 p296-302

Georgia

- Atlanta. Public library. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of a private collector; ser 10, Cherokee Indians of Ga; with some notices of the Timucuas and the Creeks. The library '55 199-227p

Nevada

- Grosscup, Gordon L. Bibliography of Nevada archaeology. (Reps, no36) Calif. archaeological survey, Univ. of Calif. '57 55p

New England

- Bennett, M. K. Food economy of the New England Indians, 1605-75. *J Pol Econ* 63: 396-7 O '55

New York (State)

- Guthe, Alfred Kidder. Late prehistoric occupation in southwestern New York: an interpretive analysis. (Research records, no 11) Rochester museum of arts & sciences '58 p72-6
- Same. (Researches and transactions, v 14, no 1) Lewis H. Morgan chapter, N.Y. state archaeological assn. '58 p72-6

North Carolina

- Rights, Douglas Le Tell. American Indian in North Carolina, 2d ed Blair '57 incl bibliog

Northwest

- Drucker, Philip. Native brotherhoods; modern intertribal organizations on the Northwest coast. (U.S. Bur. of Am. ethnology, Bul. 168) U.S. Gov. ptg. office '58 p 161-4

Pacific coast

- Osborne, D. and others. Problem of northwest coastal-interior relationships as seen from Seattle. *Am Antiq* 22:126-8 O '56
- Wike, J. More puzzles on the Northwest coast. *Am Anthropol* 59:316-17 Ap '57

South

- McIntire, William G. Prehistoric Indian settlements of the changing Mississippi River delta. (La. State univ. studies. Coastal studies ser, no 1) La. state univ. press '58 p 108-13
- United States. Bureau of American ethnology. Selected references on the Indians of southeastern North America; comp. by William C. Sturtevant. The bureau '58 16p

Southwest

- Farmer, M.F. Suggested typology of defensive systems of the Southwest. *Sw J Anthrop* 13:262-6 Autumn '57
- Smithson, Carma Lee. Havasupai woman. (Anthropological papers, no35) Dept. of anthropology, Univ. of Utah '59 p 168-70
- Tanner, Clara Lee. Southwest Indian painting. Univ. of Ariz. press '57 p 150-3

Virginia

- Miller, Carl Frederick. Revaluation of the eastern Siouan problem with particular emphasis on the Virginia branches: the Occaneechi, the Saponi, and the Tutelo. (U.S. Bur. of Am. ethnology, Bul.164; Anthropological papers, no52) U.S. Gov. ptg. office '57 p207-11

West

- Van Every, Dale. Men of the western waters; a second look at the first Americans. Houghton '56 p231-6 annot

INDIANS of South America

- Handbook of Latin American studies, no 181-211 Univ. of Fla. press '55-'59 4v no 18, p26-8; no 19, p46-53; no20, p41-3; no21, p31-3 annot
- Peithmann, Irvin Milton. Echoes of the red man; an archaeological and cultural survey of the Indians of southern Illinois. Exposition '55 p 181-4

See also

- Araucanian Indians
- Chibcha Indians
- Incas
- Mundurucu Indians

Anthropometry

- Handbook of Latin American studies, no 181-211 Univ. of Fla. press '55-'59 4v no 18, p29-33; no 19, p53-60; no20, p52-7; no21, p37-42

Antiquities

- Evans, C. and Meggers, B. J. Formative period cultures in the Guayas basin, coastal Ecuador. *Am Antiq* 22:246-7 Ja '57
- Handbook of Latin American studies, no 181-211 Univ. of Fla. press '55-'59 4v no 18, p 12-20; no 19, p 18-36; no20, p25-35; no21, p 16-26

Art

- Pérez de Barradas, José. Orfebrería prehispánica de Columbia, estilo calima; obra basada en el estudio de las colecciones del Museo del Oro del Banco de la República, Bogotá. The author '54 2v v 1, p329-40

Folklore

- See* Folklore, Indian

Food

- Schultes, R. E. Amazon Indian and evolution in hevea and related genera. *Arnold Arboretum* J 37:146-7 Ap '56

Industries

- See also*
- Indians of South America—Textile industry and fabrics

Legends

- Stephan, Ruth Walgreen. Singing mountain-eers; songs and tales of the Quechua people; coll. by José María Arguedas [and others] Univ. of Tex. press '57 p 195-202

INDIANS of South America—*Continued*

Music

Stephan, Ruth Walgreen. Singing mountain-peers; songs and tales of the Quechua people; coll. by José María Arguedas [and others] Univ. of Tex. press '57 p 195-202

Mythology

See Indians of South America—Legends; Indians of South America—Religion and mythology

Religion and mythology

Murphy, Robert Francis. Mundurucú religion. (Calif. Univ. Pubs. in Am. archaeology and ethnology, v49, no 1) Univ. of Calif. press '58 p 145-6

Zerries, Otto. Wild- und buschgeister in Südamerika; eine untersuchung jägerzeitlicher phänomene im kulturbild südamerikanischer Indianer. (Studien zur kulturkunde, v 11) Steiner '54 p388-99

Textile industry and fabrics

VanStan, Ina. Problems in pre-Columbian textile classification. (Studies, no29) Fla. State univ, Tallahassee '58 p 111-15

Brazil

Baldus, Herbert. Bibliografia comentada da etnologia brasileira, 1943-1950. (Sér. bibliog. de estudos brasileiros, 1) Souza '54 142p

Baldus, Herbert. Bibliografia crítica da etnologia brasileira. Comissão do IV centenario da cidade de São Paulo, Serviço de comemorações culturais '54 859p

Meggors, Betty Jane, and Evans, Clifford. Archeological investigations at the mouth of the Amazon. (U.S. Bur. of Am. ethnology, Bul. 167) U.S. Gov. ptg. office '57 p608-18

Colombia

Gordon, Burton Le Roy. Human geography in the Sinú country of Colombia. (Ibero-americana, 39) Univ. of Calif. press '57 p 113-17

Peru

Von Hagen, Victor Wolfgang. Highway of the sun. Duell '55 p309-14

INDIANS of the West Indies

Antiquities

Alegria, R. and others. Archaic tradition in Puerto Rico. Am Antiq 21:120-1 O '55

Granberry, J. Cultural position of the Bahamas in Caribbean archaeology. Am Antiq 22:133-4 O '56

Howard, R. R. Archaeology of Jamaica: a preliminary survey. Am Antiq 22:58-9 J1 '56

INDIC architecture. See Architecture, Indic

INDIC languages

See also

Indo-Chinese languages

INDICATORS (biology)

Margalef, Ramón. Los organismos indicadores en la limnología. (Biología de las aguas continentales, 12) Inst. forestal de investigaciones y experiencias, Dirección general de montes, caza y pesca fluvial, Spain. Ministerio de agricultura '55 incl bibliog

INDIVIDUAL differences

See also

Variability (psychology)

INDIVIDUALITY

Combs, Arthur Wright, and Snygg, Donald. Individual behavior; a perceptual approach to behavior. rev ed Harper '59 p479-508

See also

Self

INDO-CHINA

Cole, Allan Burnett, and others, eds. Conflict in Indo-China and international repercussions; a documentary history, 1945-1955; pub. under the auspices of the Fletcher school of law and diplomacy, Tufts univ, and the Southeast Asia program, Cornell university. Cornell univ. press '56 p262-5 annot

See also

Laos

Viet Nam

INDO-CHINESE languages

Shafer, Robert, and others, eds. Bibliography of Sino-Tibetan languages. Harrassowitz '57 211p

INDOCTRINATION

See also

Brain washing

INDO-EUROPEAN languages

Kyger, Minor Ellsworth. Indo-European words and locutions for danger, with emphasis on Germanic and Romance languages. (Catholic univ. of Am. Studies in German, no24) Catholic univ. of Am. press '55 p 114-33

Pisani, Vittore. Allgemeine und vergleichende sprachwissenschaft: Indogermanistik [von] Vittore Pisani; Keltologie [von Julius Pokorny. (Wissenschaftliche forschungsberichte. Geisteswissenschaftliche reihe, v2) Francke '53 199p

INDO-EUROPEAN philology

Kratylos; kritisches berichts- und rezensionsorgan für indogermanische und allgemeine sprachwissenschaft. Harrassowitz. See numbers

INDO-EUROPEANS

See also

Slavs

INDO-GERMANIC languages. See Indo-European languages

INDO-GERMANIC philology. See Indo-European philology

INDOLEACETIC acid. See Heteroauxin

INDONESIA

Fischer, Louis. Story of Indonesia. Harper '59 p323-9

Furnivall, John Sydenham. Colonial policy and practice; a comparative study of Burma and Netherlands India. N.Y. univ. press '56 p556-8

Nabrink (Gé) boekhandel en antiquariaat, Amsterdam. Indonesia; catalogue of an important coll. of old and modern bks, periodicals and pamphlets about the Indonesian archipelago. (Catalogue 100) The firm '5-? 160p

Prague. Universita Karlova. Knihovna. Indie, Barma, Indonesie [výběrový seznam literatury; sest. Miroslav Kaftan] (Čteme a studujeme, 1956, no3) The library '56 15p

Schrieke, Bertram Johannes Otto. Indonesian sociological studies; sel. writings. (Sel. studies on Indonesia, v2-3) Inst. of Pacific relations '55-'57 2v v2, p411-52

Vromans, A. G. De indische collectie van het Rijksinstituut voor oorlogsdokumentatie te Amsterdam. The institute '54 38p

Woodman, Dorothy. Republic of Indonesia. Philosophical lib. '55 p429-35

Yale university. Graduate school. Southeast Asia studies. Area handbook on Indonesia; directors: Paul W. van der Veur [and others] prelim ed (Subcontractor's monograph, HRAF-57) Human relations area files '56 3v incl bibliog

Antiquities

Hackenberg, R. A. Indonesia. Asian Perspect 1:75-92 Summer '57

Economic conditions

Leur, Jacob Cornelis van. Indonesian trade and society; essays in Asian social and economic history. [tr. by James S. Holmes and A. van Marle] (Sel. studies on Indonesia by Dutch scholars, v 1). W. van Hoeve '55 p409-40

Schleiffer, Hedwig. Bibliography on the economic and political development of Indonesia; ed. by Douglas S. Paauw, Center for int. studies, Mass. inst. of technology '53-'55 6v

Government publications

Lev, Daniel S. Bibliography of Indonesian government documents and selected Indonesian writings on government in the Cornell university library. (Data paper no31) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '58 58p

Industries and resources

Allen, George Cyril, and Donnithorne, Audrey Gladys. Western enterprise in Indonesia and Malaya; a study in economic development. Macmillan '57 p307-11

Oorschot, Henricus Josephus van. De ontwikkeling van de nijverheid in Indonesië. Van Hoeve '56 p 141-6

Politics and government

Henderson, William. Pacific settlement of disputes; the Indonesian question, 1946-1949. Woodrow Wilson foundation '54 p86-9

INDONESIA—Continued

Lev, Daniel S. Bibliography of Indonesian government documents and selected Indonesian writings on government in the Cornell university library. (Data paper no31) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '58 58p

Social conditions

Leur, Jacob Cornelis van. Indonesian trade and society; essays in Asian social and economic history. [tr. by James S. Holmes and A. van Marle] (Sel. studies on Indonesia by Dutch scholars, v 1) Van Hoeve '55 p409-40

Pamuntjak, R. Regional bibliography of social science publications: Indonesia. Nat. bibliog. centre, Ministry of education & culture, Republic of Indonesia '55 65p

Wertheim, William Frederik. Indonesian society in transition, a study of social change. Van Hoeve '56 incl bibliog

INDUCTION coils

Duncan, R. S. and Stone, H. A. Survey of the application of ferrites to inductor design. Inst Radio Eng Proc 44:13 Ja '56

INDUSTRIAL accidents. See Accidents, Industrial**INDUSTRIAL arbitration.** See Arbitration, Industrial**INDUSTRIAL arts**

Applied science & technology index (formerly Industrial arts index) Wilson. See numbers

Battelle memorial institute, Columbus, Ohio. Battelle technical review. The institute. See numbers

Industrial arts index; subject index to a sel. list of engineering, trade and business periodicals. Wilson. See numbers thru 1957

New York (city). Public library. New technical books; a sel. list on industrial and engineering added to the N.Y. public library. The library. See numbers

Olson, Delmar W. and others. Industrial arts for the general shop. Prentice-Hall '55 incl bibliog

Studieselskapet for norsk industri. Artikkel indeks. The society. See numbers

See also

Art industries and trade
Design, Industrial
Engineering
Handicraft
Industrial research
Inventions
Machinery
Mechanical engineering
Patents
Technology

Study and teaching

Hunt, DeWitt. Industrial arts in the junior high school, a bibliography. (Circ. no433) U.S. Office of education '55 8p

Jones, Walter Benton. Problems in teaching industrial arts and vocational education; a job analysis and suggested solutions. Bruce pub. '53 incl bibliog

Schmitt, Marshall Langdon. State curriculum guides for industrial arts, 1941-1958; an annot. bibliography. (Circ. no567) U.S. Office of education '59 33p

Teaching aids and devices

Groneman, C. H. Inexpensive teaching materials for industrial education. Ind Arts & Voc Educ 44:242-4+, 282+, 313-14+, 343-4+ S-D '55

INDUSTRIAL buying. See Purchasing, Industrial**INDUSTRIAL chemistry.** See Chemical engineering; Chemistry, Technical**INDUSTRIAL combinations.** See Trusts, Industrial**INDUSTRIAL conciliation.** See Arbitration, Industrial**INDUSTRIAL costs.** See Costs, Industrial**INDUSTRIAL councils.** See Employees' representation in management**INDUSTRIAL design.** See Design, Industrial**INDUSTRIAL designers.** See Designers**INDUSTRIAL diamonds.** See Diamonds, Industrial**INDUSTRIAL diseases.** See Diseases, Industrial**INDUSTRIAL districts**

United States. Department of commerce. Office of technical services. Organized industrial districts; a tool for community development, by Theodore K. Pasma. Area development div. '54 p 108-9

INDUSTRIAL education**See also**

Technical education

Research

United States. Office of education. Vocational division. Research in industrial education; summaries of studies, 1930-1955. (Bul. no264; Trade and industrial ser, no65) The division '57 527p

INDUSTRIAL efficiency. See Efficiency, Industrial**INDUSTRIAL engineering**

Industrial engineering institute, University of California. Proceedings of the 6th annual Industrial engineering institute, University of California; ed. by Bruce G. McCauley. The university '55? incl bibliog

Research abstracts [July 1947-July 1957] J Ind Eng 9:284-301; 10:234-49 JI '58, My '59

INDUSTRIAL engineers

Angel, Juvenal Londoño. Careers in industrial engineering. (Modern vocational trends career monographs, v6, no56) World trade '58 p25-6

INDUSTRIAL equipment

Briel, Hansrudolf von. Die ermittlung der wirtschaftlichen nutzungsdauer von anlagegütern. Keller '55 p x-xv

Harvard university. Graduate school of business administration. Baker library. Leasing of industrial equipment; a sel. list of recent references on leasing of machinery and transportation equipment. (Reference list no 16) The library '55 4p

INDUSTRIAL heating. See Heating, Industrial**INDUSTRIAL hygiene.** See Hygiene, Industrial**INDUSTRIAL laws and legislation****See also**

Labor laws and legislation
Patent laws and legislation
Trade marks

INDUSTRIAL management

Allen, Louis A. Management and organization. (McGraw-Hill ser. in management) McGraw '58 p333-8

American economic association. Readings in industrial organization and public policy; sel. by a com. of the Association. (Ser. of repub. articles on economics, v8) Irwin '58 p393-426

American management association. Reporting financial data to top management; conference handbk. pub. for distribution at the AMA special conference, April 10-12, 1957. The association '57 p 165-70

Amrine, Harold T. and others. Manufacturing organization and management. Prentice-Hall '57 p436-46

Associated university bureaus of business and economic research. Index of publications of bureaus of business and economic research, 1950-1956. The bureaus '57 np

Bain, Joe Staten. Industrial organization. Wiley '59 incl bibliog

Bethel, Lawrence L. and others. Essentials of industrial management. 2d ed McGraw '59 p479-98

Cornell, William Bouck. Organization and management in industry and business; 4th ed, rev. and rewritten by Huxley Madeheim. Ronald '58 p565-70

Council for international progress in management (USA). Management bibliography [literature recommendations] prepared for Int. cooperation administration. Office of industrial resources, Int. cooperation adm. '56 55p

Dalton, Melville. Men who manage; fusions of feeling and theory in administration. Wiley '59 p287-99

Davis, Ralph. Currier. Industrial organization and management. 3d ed Harper '57 p911-21

Dubin, Robert. World of work; industrial society and human relations. (Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog annot

Friedmann, Georges. Industrial society; the emergence of the human problems of automation (Problèmes humains du machinisme industriel) ed. and with an introd. by Harold L. Sheppard. Free press '55 incl bibliog

INDUSTRIAL management—Continued

- Ginzberg, Eli, and Reilly, Ewing W. Effecting change in large organizations; assisted by Douglas W. Bray and John L. Herma. Columbia univ. press '57 p 151-5
- Gouldner, Alvin Ward. Patterns of industrial bureaucracy. (Int. lib. of sociology and social reconstruction) Routledge '55 p271-8
- Hanika, P. Industrial organization. Inst Eng & Shipbuilders Scot Trans 100:33-4 '56-'57
- Harvard university. Graduate school of business administration. Cases in business administration, intercollegiate bibliography; comp. by Virginia Jenness [and] Grace V. Lindfors. The school '57 53p
- Hebert, Charles Alexandre. Annotated bibliography of audio-visual aids for management development programs. 3d ed Research service '58 24p
- Heimer, Roger C. Management for engineers. McGraw '58 incl bibliog
- Issues and ideas in organization, management, industrial relations; abstracts of current literature. Industrial relations center, Univ. of Chicago. See numbers
- Jaffe, William Julian, L. P. Alford and the evolution of modern industrial management; with an introd. by David B. Porter. N.Y. univ. press '57 p337-45
- Lansburgh, Richard Hines. Industrial management; 5th ed. by William R. Spriegel. Wiley '55 p 1-9 at end
- Lawrence, Paul R. Changing of organizational behavior patterns; a case study of decentralization; with the research assistance of James V. Clark. Div. of research, Graduate school of business adm, Harvard univ. '58 p235-7
- Leavitt, Harold J. Managerial psychology; an introd. to individuals, pairs, and groups in organizations. Univ. of Chicago press '58 p320-7
- Lesourne, Jacques. Technique économique et gestion industrielle; préf. de M. Allais. (Finance et économie appliquée, v5) Dunod '58 incl bibliog
- Lundy, James L. Effective industrial management. Macmillan '57 incl bibliog
- McFarland, Dalton E. Management principles and practices. Macmillan '58 incl bibliog
- Mac Niece, E. H. Production forecasting, planning, and control. 2d ed Wiley '57 p361-3
- Management abstracts. See numbers of Manager
- Management abstracts. British inst. of management. See numbers thru April 1958
- Niles, Mary Cushing (Howard). Essence of management. Harper '58 p369-81 annot
- Patton (John A.) management engineers, incorporated. Manual of industrial engineering procedures; ed. by John A. Patton. Brown '55 incl bibliog
- Poole, Rawlings S. ed. Maintenance and production management; a reference volume for students and governmental and industrial executives. Graduate school of engineering, George Washington univ. '55 incl bibliog
- Prague. Státní knihovna společenských věd. Organizace a řízení průmyslu v ČSR; výběr z knih a článků, 1945-1956. The library '57 14p
- Princeton university. Industrial relations section. Management in the Soviet Union. (Sel. references, no81) The section '58 4p annot
- Radičević, Rikard. Osnove ekonomike poduzeća. Tehnička knjiga '57 incl bibliog
- Ramfalk, C. W. Top management selection; a study of the sel. of personnel for higher positions in industrial organisations. (Swedish council for personnel adm. Rep. no 14) Almqvist '57 p 197-203
- Recent readables. See numbers of Journal of industrial engineering
- Riebel, Paul. Die elastizität des betriebes; eine produktions- und marktwirtschaftliche untersuchung. (Beiträge zur betriebswirtschaftlichen forschung, v 1) Westdeutscher verlag '54 p 166-71
- Riley, V. Selected bibliography. (In McCloskey, Joseph F. and Trefethen, Florence N. eds. Operations research for management; introd. by Ellis A. Johnson. Johns Hopkins press '54 p383-401
- Rothberger, Fred A. Selected and annotated bibliography of product planning and development. New product digest inc. '56 [40p]
- Rubenstein, Albert H. Problems of financing and managing new research based enterprises in New England; a study conducted for the Federal reserve bank of Boston. (Research rep. no3) Federal reserve bank of Boston '58 p 112-13 annot
- Sexton, Irwin. Industrial techniques in the school shop. Bruce pub. '55 p68-71
- Sisson, R. L. Methods of sequencing in job shops; a review. Operations Res 7:27-9 Ja '59
- Smith, J. O. Industrial management. Bsns Lit 31:9-12 Ja '59 annot
- Tell, Björn. Företagsledning och företagskontroll; sel. bibliografi. Handelshögskolans bibliotek '54 51p
- Thole, Henry C., and Gibbons, Charles C. eds. Business action in a changing world; contributors: C. Canby Balderston [and others] (Pub. no 127) Pub. adm. service '56 p307-13
- Ulrich, Hans, and Trechsel, Fritz, eds. Aktuelle fragen der unternehmung; beiträge zur betriebswirtschaftslehre; gedenkschrift für Alfred Walther. Haupt '57 incl bibliog
- United States. Civil service commission. Library. Personnel director's bookshelf; prepared for the personnel executives' conferences. The library '57 10p
- United States. Regional technical aids center, Mexico. Spanish language books in the field of industrial management. (RTAC handlist no 1) The center '55 10p
- Weber, Clarence Adam, and Karnes, John Wesley. Industrial leadership; the Am. way to teamwork. Chilton co. '59 p203-15 annot
- Williams, J. A. C. New conceptual approach in work study. J Ind Eng 7:173 J1 '56
- See also
- Assembly line methods
- Communication in management
- Controllershship
- Factory management
- Labor turnover
- Personnel management
- Public relations
- Sales management
- Supervisory workers
- INDUSTRIAL medical service.** See Medical service, Industrial
- INDUSTRIAL medicine.** See Medicine, Industrial
- INDUSTRIAL nurses and nursing.** See Nurses and nursing, Industrial
- INDUSTRIAL ophthalmology**
- Hofstetter, Henry William. Industrial vision. Chilton co. '56 incl bibliog
- INDUSTRIAL organization**
- Udy, Stanley H. Organization of work; a comparative analysis of production among nonindustrial peoples; with an introd. by George P. Murdock. (Behavior science monograph) HRAF press '59 p 159-82
- INDUSTRIAL pensions.** See Pensions, Industrial
- INDUSTRIAL poisons.** See Poisons, Industrial
- INDUSTRIAL psychology.** See Psychology, Industrial
- INDUSTRIAL purchasing.** See Purchasing, Industrial
- INDUSTRIAL recreation**
- Anderson, Jackson Moore. Industrial recreation; a guide to its organization and administration. (McGraw-Hill ser. in health education, physical education, and recreation) McGraw '55 incl bibliog
- Felton, J. S. Recreation programs in industry. Ind Med 23:399-400 S '54
- INDUSTRIAL relations**
- American management association. Labor relations; conference handbk. pub. for distribution at the AMA special conference, May 13-14, 1957. Chicago [Elizabeth Marting, editor] The association '57 p229-33
- Chicago. University. Industrial relations center. Leadership and human relations; bibliog. [prepared by] Olive Golden. The center '55 19p annot
- Same; a sel. bibliog. by Edith Arlen. rev ed (Significant sources in management, organization, industrial relations, no6) The center '57 66p annot
- Clark, Charles Tallifero. Selected and annotated bibliography of personnel administration. rev ed (Bibliog. ser. no 1) Eur. of business research, Univ. of Tex. '58 27p

INDUSTRIAL relations—Continued

- Columbia university. School of engineering. Department of industrial and management engineering. Selected reading list on human relations in management; prepared for the 4th Utility management workshop, the 6th Industrial research conference, Arden house, Columbia univ, 1955. The department '55 30p annot
- Cornell university. New York state school of industrial and labor relations. Library. Industrial and labor relations: abstracts and annot. of current and periodical literature. The library. See numbers thru December 1957
- Crane, Bertram R. and Hoffman, Roger M. Successful handling of labor grievances. Central bk. co. '56 p286-94
- Dahrendorf, Ralf. Soziale klassen und klassenkonflikt in der industriellen gesellschaft. (Soziologische gegenwartsfragen. neue folge) Enke '57 p262-7
- Same; with title: Class and class conflict in industrial society. rev English ed Stanford univ. press '59 p319-28
- Dubin, Robert. Working union-management relations: the sociology of industrial relations. (Prentice-Hall industrial relations and personnel ser; Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog annot
- Fogarty, Michael Patrick. Personality and group relations in industry. Longmans '56 incl bibliog annot
- Industrial relations theses and dissertations accepted at universities, July 1, 1949-June 30, 1950-July 1 1957-June 30, 1958 Inst. of industrial relations, Univ. of Calif. '51-'59 9v
- International labor office. Library. Bibliography of industrial relations. Bibliographie des relations professionnelles. (Bibliog. contributions, no 10) The office '55 103p
- Issues and ideas in organization, management, industrial relations; abstracts of current literature. Industrial relations center, Univ. of Chicago. See numbers
- Karsh, Bernard. Diary of a strike. Univ. of Ill. press '58 p 172-4
- Knox, John Ballenger. Sociology of industrial relations; an introd. to industrial sociology. Random house '55 incl bibliog annot
- Labor-management relations; list of sel. readings for high school students and teachers. Inst. of labor relations; College of education, Univ. of Ill. See numbers annot
- Levine, Solomon Bernard. Industrial relations in postwar Japan. Univ. of Ill. press '58 p 185-9
- Ling, Thomas Mortimer, ed. Mental health and human relations in industry; with a foreword by Lord Horder. Lewis '54 incl bibliog
- McFarland, D. E. Industrial relations directors; an annot. bibliography. Personnel J 35:340-3, 379-81, 417-19; 36:18-21 F-May '57
- Michigan. University. Bureau of industrial relations. Selected list of books and periodicals in the field of personnel administration and labor-management relations. The bureau '57 18p
- National association of manufacturers. Industrial relations division. Improving human relations. The division '56 p30-2
- Paterson, Donald Gildersleeve, and others. Industrial relations research; ten years of progress. (Minn. Univ. Industrial relations center. Bul. 16) Univ. of Minn. press '55 p 18-25
- Princeton university. Industrial relations section. Outstanding books on industrial relations. 1955-1958 (Sel. references. no68. 74. 80. 86) The section '56-'59 4v annot
- Princeton university. Industrial relations section. Trade union library, 1955; prepared by Martin Horowitz and Hazel C. Benjamin. 6th ed (Bibliog ser, no84) The section '55 58p annot
- Publications récentes. See numbers of Relations industrielles
- Recent publications. See numbers of Industrial and labor relations review
- Reder, Melvin Warren. Labor in a growing economy. Wiley '57 incl bibliog
- Reynolds, Lloyd George. Labor economics and labor relations. 3d ed Prentice-Hall '59 incl bibliog
- Rosen, Ned, and McCoy, Ralph E. Doctoral dissertations in labor and industrial relations, 1933-1953. (Bibliog. contributions, no 5) Inst. of labor & industrial relations, Univ. of Ill. '55 86p
- Smith, Henry Clay. Psychology of industrial behavior. McGraw '55 p41-60
- Stagner, Ross. Psychology of industrial conflict. Wiley '56 p515-39
- Stieber, Jack W. ed. U.S. industrial relations; the next twenty years [6 lectures by] Clark Kerr [and others] Mich. state univ. press '58 p213-15
- United States. International cooperation administration. Office of industrial resources. Human relations; bibliographies and films. The office '57? 11, 4p
- Walker, Charles Rumford, and others. Foreman on the assembly line. Harvard univ. press '56 p 132-8
- Wills, Arnold L. Labor-management relations in Hawaii; ed. by Harold S. Roberts. Industrial relations center, Univ. of Hawaii '55 p61-2
- See also
- Arbitration, Industrial
- Collective bargaining
- Employees benefit plans
- Employees' representation in management
- Personnel management
- Trade unions
- Works councils
- Research**
- Minnesota. University. Industrial relations center. Current industrial relations research; tentative directory, prepared for the 10th anniversary meeting. The center '57 66p
- INDUSTRIAL research**
- Accounting for research and development costs. NACA Bul 36:1437 Je '55
- Conference on industrial research. Human relations in industrial research management; incl. papers from the 6th and 7th annual Conferences, Columbia univ, 1955 and 1956; ed. by Robert Tveit Livingston and Stanley H. Milberg. Columbia univ. press '57 p413-18
- Great Britain. Department of scientific and industrial research. D.S.I.R. grant-aided research associations selected publications; a guide for librarians. The department '55 33p
- Holmstrom, John Edwin. Records and research in engineering and industrial science. 3d ed, rewritten & enl Chapman '56 p446-76
- Nelson, Richard R. Invention, research and development: a survey of the literature. (Research memorandum 2146) Rand corp. '58 65p
- North Carolina. University. Institute of statistics. State college section. Raleigh. Experimental designs in industry; a symposium held Nov. 5-9, 1956 at N. C. state college; sponsored by the Mathematics div. Air force office of scientific research. Air research and development command; ed. by Victor Chew. (Wiley pub. in applied statistics) Wiley '58 incl bibliog
- Quinn, James Brian. Yardsticks for industrial research; the evaluation of research and development output. Ronald '59 p212-19
- Rubenstein, A. H. Looking around. Harvard Bsns R 35:144-6 My '57
- Rubenstein, A. H. Technical man—prologue to technological productivity. Ind & Eng Chem 51:12 Ja '59
- See also
- Market research
- INDUSTRIAL revolution**
- Dunham, Arthur Louis. Industrial revolution in France, 1815-1848. Exposition '55 p449-83
- INDUSTRIAL safety**
- Bibliography of safety information sources. Am Water Works Assn J 47:1217-18 D '55
- DeReamer, Russell. Modern safety practices. Wiley '58 incl bibliog
- Germann, A. C. Basic bibliography for industrial security and plant protection. School of police adm. & public safety, Mich. state univ. '57 21p
- International labor office. Guide for labour inspectors. (Studies and reps, new ser, no41) The office '55 p 103-7
- Loss control associates, Plattsmouth, Nebraska. Fire & accident loss control index and directory; an index and directory of fire & accident control codes, standards, and references. The associates '56 1v
- See also
- Clothing, Protective

INDUSTRIAL sociology. See Sociology, Industrial

INDUSTRIAL statistics

United States. Bureau of labor statistics. Techniques of preparing major BLS statistical series; ed. by Benjamin Lipstein. (Bul. no 1168) U.S. Gov. ptg. office '54 incl bibliog

INDUSTRIAL toxicology. See Poisons, Industrial

INDUSTRIAL trusts. See Trusts, Industrial

INDUSTRIAL waste. See Trade waste

INDUSTRIAL welfare work. See Welfare work in industry

INDUSTRIALIZATION

Hays, Samuel Pfrimmer. Response to industrialism, 1885-1914. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 198-205 annot

Li, Cho-min. Economic development of Communist China: an appraisal of the first 5 years of industrialization. (Calif. Univ. Bur. of business and economic research. Pubs) Univ. of Calif. press '59 p261-73

Selected list of titles on industrialization. Ind & Prod Bul 1:71-5 Ap '58

United nations. Library. Bibliography on industrialization in under-developed countries. Bibliographie de l'industrialisation dans les pays sous-développés. Bibliografía sobre la industrialización en los países insuficientemente desarrollados. (Bibliog. ser, no6) The organization '56 216p

Wilensky, Harold L. and Lebeaux, Charles Nathan. Industrial society and social welfare; the impact of industrialization on the supply and organization of social welfare services in the United States. Russell Sage '58 p353-84

See also

Technical assistance

INDUSTRIES, Location of. See Location (in business and industry)

INDUSTRY

Applied science & technology index (formerly industrial arts index) Wilson. See numbers

Carrasco Puente, Rafael. Bibliografía industrial; prólogo de Vito Alessio Robles. Mexico. Secretaría del trabajo y previsión social '53 483p

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Bibliographie zur theorie und praxis der sozialistischen wirtschaft [bearb. von einem kollektiv der Berliner stadtbibliothek unter leitung von Erich Kürschner] Verlag für buch- & bibliothekswesen '55 104p

Harding, C. F. Social anthropology of American industry. Am Anthropol 57:1229-31 D '55

Industrial arts index; subject index to a sel. list of engineering, trade and business periodicals. Wilson. See number thru 1957

Keesing, Felix Maxwell, and others. Social anthropology and industry; some explanatory workpapers. Dept. of anthropology, Stanford univ. '57 p75-107

Oklahoma. University. Library. Harry W. Bass collection in business history in the library, as of February 20, 1956. The library '56 76p

Studieselskapet for norsk industri. Artikkel indeks. The society. See numbers

See also

Costs, Industrial
Efficiency, Industrial
Industrial equipment
Industrialization
Interindustry economics
Production
Production control
Supply and demand

Directories

See Trade directories

History

See also

Industrial revolution

Organization

See Industrial organization

Social aspects

See Sociology, Industrial

Statistics

See Industrial statistics

INDUSTRY and state

Bain, Joe Staten. Industrial organization. Wiley '59 incl bibliog

Dimock, Marshall Edward. Business and government. 3d ed Holt '57 incl bibliog

Kelf-Cohen, Reuben. Nationalisation in Britain; the end of a dogma. St Martins '58 p303-5

Koontz, Harold Dayton, and Gable, Richard W. Public control of economic enterprise. McGraw '56 incl bibliog

Mund, Vernon Arthur. Government and business. 2d ed Harper '55 incl bibliog

See also

Agriculture and state
Commercial policy
Corporate state
Economic planning
Government ownership
Labor laws and legislation
Price regulation

INEFFICIENCY, Intellectual

Tabori, Paul. Natural science of stupidity [introd. by Richard Armour] Chilton co. '59 p265-7

INEQUALITIES (mathematics)

Godwin, H. J. Generalizations of Tchebycheff's inequality. Am Stat Assn J 50:943-5 S '55

INFANT mortality. See Children—Mortality

INFANTILE paralysis

Dönhardt, Axel. Künstliche dauerbeatmung, ein beitrag zur klinik und therapie der atem- und kreislaufstörungen bei der poliomyelitis; mit einem vorwort von R. Aschenbrenner. Springer '55 p 130-46

Faber, Harold K. Pathogenesis of poliomyelitis. (Am. lecture ser, pub. no257) Thomas '55 p 140-52

Morley, D. E. Speech disorders resulting from bulbar poliomyelitis. J Speech & Hear Dis 20:163-4 J '55

Poliomyelitis current literature. Nat. foundation for infantile paralysis. See numbers

Salk, J. E. Poliomyelitis vaccine in the fall of 1955. Am J Pub Health 46:14 Ja '56

World health organization. Poliomyelitis; contributors: Robert Debré [and others] (Monograph ser, no26) WHO '55 incl bibliog

INFANTS

Brody, Sylvia. Patterns of mothering; maternal influence during infancy; introd. by René A. Spitz. Int. univ. press '56 p418-30

International children's centre, Paris. La progénèse; facteurs préconceptionnels du développement de l'enfant; préf. du professeur Robert Debré. (Travaux et docs, 8) Masson '55 p657-88

Zsebők, Zoltán. Röntgenanatomie der neugeborenen- und säuglingslunge; mit einem geleitwort von R. Glauner. (Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern; Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin. Ergänzungsbände, v82) Thieme '58 p 154-8

Care and hygiene

See also

Day nurseries

Diseases

Ewing, W. H. and others. New serotype of escherichia coli associated with infantile diarrhea. Pub Health Rep 70:113-14 F '55

Rossi, Ettore. Herzkrankheiten im säuglingsalter; mit einem geleitwort von Guido Fanconi. Thieme '54 incl bibliog

See also

Toxoplasmosis

Mortality

Baumgartner, Leona, and others. Challenge of fetal loss, prematurity, and infant mortality. Assn. for the aid of crippled children '56 p9, 14, 23-4

Nutrition

Bernstein, Arnold. Some relations between techniques of feeding and training during infancy and certain behavior in childhood. (Genetic psychology monographs, v51, 1st half) Journal press '55 p43-4

Jelliffe, D. B. Infant nutrition in the subtropics and tropics. (Monograph ser, no29) World health organization '55 p215-29

INFANTS—Nutrition—Continued

- Joensen, Hans Debes. Studier over brysternæringsens udbredelse og betydning belyst på et materiale af 4948 spædbørn født i ægteskab i Holbæk amt i årene 1939-1942; with an English summary; tables and figures in English also. (Frøbskapparit, sup 1) Føroya frøbskapparitlag '54 p392-444
- Ross, S. and others. Sucking behavior: a review of the literature. *J Genet Psychol* 91:79-81 S '57
- Standard, K. L. and others. Indirect indicators of muscle mass in malnourished infants. *Am J Clin Nutrition* 7:279 My '59
- Wiese, H. F. and others. Essential fatty acids in infant nutrition. *J Nutrition* 66: 360, 564, 575-6 N-D '58

INFANTS, Newborn

- Harrell, Ruth Flinn, and others. Effect of mothers' diets on the intelligence of offspring; a study of the influence of vitamin supplementation of the diets of pregnant and lactating women on the intelligence of their children. Teachers college '55 p66-71
- Rickham, Peter Paul. Metabolic response to neonatal surgery; pub. for the Commonwealth fund. Harvard univ. press '57 p85-93

INFANTS, Premature

- Baumgartner, Leona, and others. Challenge of fetal loss, prematurity, and infant mortality. Assn. for the aid of crippled children '56 p9, 14, 23-4
- Blegen, Sigrid (Daae). Premature child; the incidence, aetiology, mortality and the fate of the survivors. (Sup88) *Acta pædiatrica* '52 p70-1

INFECTIOUS diseases. See Communicable diseases

INFECTIOUS myxoma. See Myxoma, Infectious

INFLAMMABLE mixtures

See also

IGNITION

INFLAMMATION
Odenhall, H. Entzündung und blutleisskörper; mit einem geleitwort von F. Grosse-Brockhoff. Thieme '58 p 104-15

INFLATION (finance)

See also

PRICE regulation

INFLORESCENCE

Cooper, J. P. Studies on growth and development in liliaceae. *J Ecol* 42:554-6 JI '54

INFLUENCE of climate on man. See Man—Influence of climate

INFLUENZA

Turialaf, Jude. Comment traiter la grippe et les infections saisonnières. Editions médicales Flammarion '54 p85-92

World health organization. Influenza; a review of current research; contributors: C. H. Andrews [and others] (Monograph ser, no20) The organization '54 incl bibliog

INFORMATION. See Knowledge (information)

INFORMATION centers. See Documentation centers

INFORMATION services

Special libraries association. Financial division. Handbook of commercial, financial and information services. 5th ed. comp. by Walter Hausdorfer. The association '56 229p

United States, Bureau of foreign commerce. Sources of information on American firms. U.S. Dept. of commerce '57 12p

See also

Bibliographical services

INFORMATION storage and retrieval systems
Bourne, Charles P. Bibliography on the mechanization of information retrieval. Stanford research inst. '58 22p

—Supplement 1. Stanford research inst. '59 25p

Perry, James Whitney, and others. Machine literature searching; with a foreword by Jesse H. Shera. Interscience; Western reserve univ. press '56 incl bibliog

Scherpenhuijsen, Rom, Gertrude. Amerikanische forschung auf dem gebiet der literaturdokumentation. *Nachr Dok* 8:124 S '57

Western Reserve university, Cleveland. School of library science. Information systems for documentation; based on the symposium on systems for information retrieval, held at [the] University, in Apr. 1957; eds. J. H. Shera [and others] (Advances in doc. and lib. science, v2) Interscience '57 incl bibliog

See also

Electronic data processing

INFORMATION theory

Arbeiten zur informationstheorie; von A. J. Chintschin [et al übers. aus dem russischen: Ludwig Boll et al; übers. aus dem ungarischen: Peter Szűsz] (Mathematische forschungsberichte, 4) Deutscher verlag der wissenschaften '57 incl bibliog

Attnave, Fred. Applications of information theory to psychology: a summary of basic concepts, methods, and results. Holt '59 p89-93

Bendat, Julius S. Principles and applications of random noise theory. Wiley '58 incl bibliog

Berlyne, D. E. Uncertainty and conflict: a point of contact between information-theory and behavior-theory concepts. *Psychol R* 64:338-9 N '57

Feinstein, Amiel. Foundations of information theory. (McGraw-Hill electrical and electronic engineering ser) McGraw '53 p 133-5

Harrah, D. Model of communication. *Philos Sci* 23:341-2 O '56

International radio consultative committee. Bibliography on communication theory. Documentation sur la théorie des communications. Union int. des télécommunications '53 123p

—Supplement no 1[1-3] Union int. des télécommunications '54-'56 3v

Kullback, Solomon. Information theory and statistics. (Wiley pub. in mathematical statistics) Wiley '59 p353-65

Quastler, Henry, ed. Information theory in psychology; problems and methods; proceedings of a conference on the estimations of information flow, Monticello, Ill, July 5-9, 1954, and related papers. Free press '55 incl bibliog

Rosenstein, A. B. Industrial engineering application of communication-information theory. *J Ind Eng* 6:20-1 S '55

Stumpers, Frans Louis Henri Marie. Bibliography of information theory, communication theory—cybernetics. Research laboratory of electronics, Mass. inst. of technology '53 46p

Touloukian, Yeram Sarkis. Concept of entropy in communication, living organisms, and thermodynamics. (Engineering experiment station. Research ser, 130; Engineering bul) Purdue univ. '56 p63-5

Transactions of the 1959 International symposium on circuit and information theory, Los Angeles, California, June 16-18, 1959. Inst Radio Eng Trans Ct-6 sup:1-293 My '59 incl bibliog

See also

Communication

INFRARED rays

Haase, Heinz. Infrarot-bibliographie. (North Rhine-Westphalia. Ministerium für wirtschaft und verkehr. Forschungsberichte, no233) Westdeutscher verlag '56 80p

United States. Library of Congress. Technical information division. Infrared, a bibliography, by Clement R. Brown [and others] The division '54-'57 2v

See also

Glass—Infrared rays transmission

INFUSORIA

Puytorac, Pierre de. Contribution à l'étude cytologique et taxinomique des infusoires astomes. (Annales des sciences naturelles, Zoologie et biologie animale v 16) Masson '54 p267-70

See also

Ciliata

INGRES, Jean Auguste Dominique, 1780-1867
Ingres, Jean Auguste Dominique. Ingres, by George Wildenstein. Phaidon '54 p235-8

Schlenoff, Norman. Ingres, ses sources littéraires. Presses univ. de France '56 p321-78

INHERITANCE and succession

Los Angeles county law library, Los Angeles. Current books and articles on wills, estate planning, inheritance tax, probate. The library '56 10p

See also

Probate law and practice
Trusts and trustees

INJURY to seeds. See Seeds—Injuries

INLAND navigation

Black, William Allan. Extracts relating to the navigability of Canadian inland waterways. (Geographical paper no7) Geographical branch, Canada. Dept. of mines & technical surveys '56 55p annot

INLAND navigation—*Continued*

- Greup, Gerrit Mattheus. De Rijnverbinding van Amsterdam en haar geschiedenis; in opdracht van de Kamer van koophandel en fabrieken voor Amsterdam, uitg. ter gelegenheid van de ingebruikneming van het nieuwe Amsterdam-Rijnkanaal. H. J. W. Becht '52 p 191-6
- Press, Heinrich. Wasserstrassen und Häfen; v 1. Binnenwasserstrassen und binnenhäfen. Ernst '56 p483-94

See also

Canals

INLAND water transportation

- Förster, Karl. Wasserstrassen und raumplanung; mit einem vorwort von Otto Most. (Schriftenreihe, no66) Zentralverein für deutsche binnenschifffahrt '54 p94-101

INNS. See Hotels, taverns, etc.

INOCULATION

- Miller, Genevieve. Adoption of inoculation for smallpox in England and France. Univ. of Pa. press '57 p294-339

INQUISITION

- López Martínez, Nicolás. Los judaizantes castellanos y la inquisición en tiempo de Isabel la Católica. (Pubs. serA, v 1) Seminario metropolitano de Burgos '54 p 17-46

See also

Martyrs

INSANE

Care and treatment

- Jones, Kathleen. Lunacy, law, and conscience, 1744-1845; the social history of the care of the insane. (Int. lib. of sociology and reconstruction) Routledge '55 p227-34

See also

Hospitals, Psychiatric

Hospitals

See Hospitals, Psychiatric

INSANITY

- Lange, Wilhelm. Genie, irrsinn und ruhm; eine pathographie des genies; 4. auf. vollständig neu bearb. und um über 1500 neue quellen vermehrt von Wolfram Kurth. Reinhardt '56 p451-80
- Sesto, Gennaro J. Guardians of the mentally ill in ecclesiastical trials; a canonical commentary with historical notes. (Catholic univ. of Am. Canon law studies, no358) Catholic univ. of Am. press '56 p 163-72

See also

Manic depressive psychoses
Psychiatry

INSANITY and art. See Art and mental illness

INSCRIPTIONS

- Hispania antiqua epigraphica, 1950-1952 [1-1953-1954] Archivo Esp Arqueol 26 sup 1-3:3-46; 27 sup4:5-33 '53-'54
- Revue des publications épigraphiques relatives à l'antiquité romaine, 1955-1959] R Archéol s6 46:165-264; 48:163-253; 50:151-264 O '55, O '56, O '57; 2:183-269 O '58; 2:171-269 O '59

See also

Petroglyphs

INSCRIPTIONS, Cuneiform. See Cuneiform inscriptions

INSCRIPTIONS, Etruscan. See Etruscan language—Inscriptions, etc.

INSCRIPTIONS, Greek

- Bibliography: Graeco-Roman Egypt; Greek inscriptions 1954-[1957] J Egypt Archaeol 41: 131-40; 42:105-15; 43:101-9; 44:108-16 D '55, D '56, D '57, D '58 annot
- Robert, J. and Robert, L. Bulletin épigraphique. R Etudes Grecques 65:124-202; 66: 113-213; 67:95-193; 68:185-298; 69:104-91; 71: 189-363; 72:149-283 Ja '52, Ja '53, Ja '54, Ja '55-Ja '56, Ja '58-Ja '59

INSCRIPTIONS, Latin

- Gilbert, Jude. Inscriptions illustrative of Roman private life. The author '53 p61-3
- Gordon, Joyce Anna (Stiefbold), and Gordon, Arthur Ernest. Contributions to the palaeography of Latin inscriptions. (Calif. Univ. Pubs. in classical archaeology, v3, no3) Univ. of Calif. press '57 p viii-ix

INSCRIPTIONS, Minoan

- Ventris, Michael, and Chadwick, John. Documents in Mycenaean Greek; three hundred sel. tablets from Knossos, Pylos and Mycenae with commentary and vocabulary; with a foreword by Alan J. B. Wace. Cambridge '56 p428-33

Crete

- Masson, O. Quelques travaux récents sur le déchiffrement de l'écriture crétoise linéaire A. R. Philol Litt & Hist Anciennes 31 no 1:85-9 '57

INSCRIPTIONS, Runic

- Schneider, Karl. Die germanischen runennamen, versuch einer gesamtdeutung; ein beitrage zur idg./germ. kultur- und religionsgeschichte. Hain '56 p575-7

See also

Kensington rune stone

INSCRIPTIONS, Semitic

- Kapelrud, Arvid Schou. Baal in the Ras Shamra texts. Gad '52 p 151-6

INSECT baits and repellents

- Bar-Zeev, M. and Smith, C. N. Action of repellents on mosquitoes feeding through treated membranes or on treated blood. J Econ Entom 52:267 Ap '59

INSECT galls. See Galls (botany)

INSECT honeydew. See Honeydew

INSECT population

- Greenbank, D. O. Role of climate and dispersal in the initiation of outbreaks of the spruce budworm in New Brunswick. Can J Zool 34:475-6; 35:402-3 O '56, Je '57
- Milne, A. Natural control of insect populations. Can Entom 89:212-13 My '57
- Morris, R. P. Interpretation of mortality data in studies on population dynamics. Can Entom 89:68-9 F '57
- Steinhaus, E. A. Effects of disease on insect population. Hilgardia 23:254-61 D '54

INSECT repellents. See Insect baits and repellents

INSECT societies

- Freeland, J. Biological and social patterns in the Australian bulldog ants of the genus myrmecia. Australian J Zool 6:17-18 My '58

INSECTICIDES

- Arthur, B. W. and Casida, J. E. Biological and chemical oxidation of tetramethyl phosphorodiamide fluoride (Dimefox) J Econ Entom 51:55-6 F '58
- Brown, Anthony William Aldridge. Insecticide resistance in arthropods. (Monograph ser, no38) World health organization '58 p213-40
- Cutkomp, L. K. Recent trends in insecticide research. Am Assn Cereal Chem Trans 13:101-7 Je '55
- Ebeling, W. and Wagner, R. E. Rapid desiccation of drywood termites with inert sorptive dusts and other substances. J Econ Entom 52:207 Ap '59
- English, L. L. Need for common sense in the control of insect pests. J Econ Entom 48:282 Je '55
- Gunther, Francis A. and Blinn, Roger C. Analysis of insecticides and acaricides; a treatise on sampling, isolation, and determination, incl. residue methods. (Chemical analysis, a ser. of monographs on analytical chemistry and its application, v6) Interscience '55 incl bibliog

- HacsKaylo, Joseph, and Ergle, David R. Compositional and physiological responses of the cotton plant to the systematic insecticides schradan and demeton. (Bul. 821) Tex. agricultural experiment station '55 p 18

- Hewlett, P. S. and Gostick, K. G. Loss of weight of pyrethrin-treated flour beetles, tribolium castaneum (Herbst), and its application to bioassay. Ann Ap Biol 43:235-6 Je '55

- Horigan, Francis D. and Cozzi, Florence Evelyn (Harden). Persistency of insecticidal [sic] residues on various surfaces; a literature survey. (Biblog. ser, no23) Technical lib, QM Research & development laboratories '52 23p

- McIntosh, A. H. Particle size of insecticidal suspensions and their contact toxicity. Ann Ap Biol 43:179-81; 45:204-5 Je '55, Mr '57

- March, R. B. and others. Metabolism of systox in the white mouse and American cockroach. J Econ Entom 48:363 Ag '55

- Martin, Hubert. Scientific principles of crop protection. 4th ed St Martins '59 incl bibliog

- Martin, J. T. and Batt, R. F. Studies on plant cuticle. Ann Ap Biol 46:386-7 S '58

- Nash, R. Studies on the synergistic effect of piperonyl butoxide and isobutylundecyleneamide on pyrethrins and allethrin. Ann Ap Biol 41:662-3 D '54

INSECTICIDES—Continued

- Radeleff, Rudolph D. and others. Acute toxicity of chlorinated hydrocarbon and organic phosphorus insecticides to livestock. (U.S. Dept. of Agriculture. Technical bul. no 1122) U.S. Gov. ptg. office '55 p45-6
- Richardson, L. T. Effect of insecticides and herbicides applied to soil on the development of plant diseases. *Can J Plant Sci* 37: 203-4 J1 '57
- Roulston, W. J. Effects of some chlorinated hydrocarbons as systemic acaricides against the cattle tick, *boophilus microplus* (Canestrini) *Australian J Ag Res* 7:622-4 N '56
- Roy, Dharendra Nath, and Brown, Anthony William Aldridge. Entomology (medical & veterinary) including insecticides & insect & rat control. 2d ed Excelsior press '54 incl bibliog
- Sampson, W. W. Insecticides used to control house fly larvae. *J Econ Entom* 49:77 F '56
- Schrader, Gerhard. Die entwicklung neuer insektizide auf grundlage organischer fluor- und phosphor-verbindungen. 2d enl ed (Monographien zu Angewandte chemie und Chemie-ingenieur-technik, no62) Verlag Chemie '52 p87-96
- Shepard, Harold Henry, ed. Methods of testing chemicals on insects. Burgess '58 p325-53
- Turner, Neely. Tests for type of action of hydrocarbon insecticides applied jointly. (Bul. 594) Conn. agricultural experiment station '55 p23-4
- United States. Department of agriculture. Insecticide recommendations of the Entomology research division for the control of insects attacking crops and livestock, 1958 season. (Agriculture handbk. no 120) U.S. Gov. ptg. office '58 p 108-9
- Weide, W. Untersuchungen über eine mögliche repellent-wirkung bestimmter substanzien gegenüber der honigbiene (*apis mellifica* L.) Halle Univ Wiss Z Math Naturw Reihe 6:478-9 Je '57
- Wilson, James Dean, and others. Control of foliage diseases and insects of potatoes. (Research bul. 788) Ohio agricultural experiment station '57 p 112-14

See also

Aerosols
DDT (insecticide)
Fumigation
Insect baits and repellents
Parathion
Propylene oxide
Pyrethrum
Soil insecticides
Spraying and dusting

Physiological effect

- Fredriksson, Torsten. Studies on the percutaneous absorption of sarin and two allied organo-phosphorus cholinesterase inhibitors. (Sup41) *Acta dermatovenereologica* '58 p72-83
- Gatterdam, P. E. and others. Relation of structure to stability, antiesterase activity and toxicity with substituted-vinyl phosphate insecticides. *J Econ Entom* 52:275-6 Ap '59
- Mengle, D. C. and Casida, J. E. Inhibition and recovery of brain cholinesterase activity in house flies poisoned with organo-phosphate and carbamate compounds. *J Econ Entom* 51:756-7 D '58

INSECTIVORA

- McDowell, Samuel Booker. Greater Antillean insectivores. (Bul. v 115, article 3) Am. museum of natural history '58 p210-14

See also

Shrews
Diseases and pests
See also
Parasites—Insectivora

INSECTS

- Agricultural index; subject index to a sel. list of agricultural periodicals, bks. and bulletins. Wilson. See numbers
- Australian science abstracts; sup. to Australian journal of science. Australian national research council. See numbers thru February 1957
- Harris, John R. Angler's entomology; eds: James Fisher [and others] Countryman '56 p258-60
- Hicks, Ellis A. Check-list and bibliography on the occurrence of insects in birds' nests. Iowa state college press '59 p595-666

- Imms, Augustus Daniel. General textbook of entomology; incl. the anatomy, physiology, development and classification of insects; 9th ed. entirely rev. by O. W. Richards and R. G. Davies. Methuen. '57 incl bibliog
- Imms, Augustus Daniel. Outlines of entomology; 5th ed. entirely rev. by O. W. Richards and R. G. Davies. Dutton '59 p 199-208
- International congress of entomology. 10th. Montreal, 1956. Proceedings. The congress '58 incl bibliog
- Little, Van Allen. General and applied entomology. Harper '57 p515-23
- Miller, David. Bibliography of New Zealand entomology, 1875-1952; with annotations. (N.Z. Dept. of scientific and industrial research. Bul. 120; Cawthorn inst. monograph) Nelson '56 492p
- Miller, František, and others. Zemědělská entomologie. (Československá akad. věd. Sekce biologická. Věda méni život, v 10) Nakl. Československé akad. věd. '56 p971-84
- Ross, Herbert Holdsworth. Textbook of entomology. 2d ed Wiley '56 incl bibliog
- Roy, Dharendra Nath, and Brown, Anthony William Aldridge. Entomology (medical & veterinary) including insecticides & insect & rat control. 2d ed Excelsior press '54 incl bibliog
- Tijdschrift voor entomologie. La symbiose des insectes avec les microorganismes. The symbiosis of insects with microorganisms; extrait du vol. 95, 1952. (Ser. B: Colloquia, no 10) Int. union of biological sciences '52 incl bibliog
- United States. Department of agriculture. Library. Bibliography of agriculture. The library. See numbers
- See also names of orders, families, etc. of insects e.g. Diptera; Simuliidae also
Ants, Flies

Anatomy

- Atkins, M. D. On the phylogeny and biogeography of the family cupedidae (coleoptera) *Can Entom* 40:536-7 S '58
- Chapman, G. B. Electron microscopy of ultrathin sections of insect flight muscle. *J Morphol* 95:250-1 S '54
- Dethier, V. G. Physiology and histology of the contact chemoreceptors of the blowfly. *Q R Biol* 30:370-1 D '55
- Drake, C. J. and Davis, N. T. Morphology and systematics of the plesmatidae (hemiptera) with keys to world genera and American species. *Entom Soc Am Ann* 51:580-1 N '58
- Dürr, H. J. R. Morphology and bionomics of the European houseborer, *hylotrups bajulus* (coleoptera: cerambycidae) (South Africa. Dept. of agriculture, Div. of entomology. Entomology memoirs, v4, pt 1) Gov. printer '56 p 123-9
- Eidt, D. C. Anatomy and histology of the full-grown larva of *cteniceira aeripennis* destructor (Brown) (coleoptera: elateridae) *Can J Zool* 36:358-9 Je '58
- Kelsey, L. P. Skeleto-motor mechanism of the dobson fly, *corydalus cornutus*; pt 2. Pterothorax. Agricultural experiment station, Cornell univ. '57 p30-1
- Maxwell, D. E. Comparative internal larval anatomy of sawflies (hymenoptera: symphyta) *Can Entom* 87 sup 1:123-5 '55
- Rizki, M. T. M. Hereditary melanotic sclerosis in *drosophila willistoni*. *J Exp Zool* 128:606-7 Ap '55
- Sinha, R. N. Similarities in the histology of the gut of some species of *tribolium* Macleay (coleoptera, tenebrionidae) and *oryzaephilus* Ganglbauer (col., cucujidae) *Can Entom* 90:144-5 Mr '58
- Snodgrass, Robert Evans. Revised interpretation of the external reproductive organs of male insects. (Smithsonian misc. colls. v 135, no6) Smithsonian inst. '57 p56-60
- Steyskal, G. C. Postabdomen of male acalyptrate diptera. *Entom Soc Am Ann* 50:71-3 Ja '57
- Syme, P. D. and Davies, D. M. Three new Ontario black flies of the genus *prosimulium* (diptera: simuliidae) *Can Entom* 90:718-19 759 D '58
- Theron, J. G. Comparative studies on the morphology of male scale insects (hemiptera: coccidae). (Annals, v34, secA, no 1) Univ. of Stellenbosch '58 p64-7

See also

Generative organs—Insects
Sense organs—Insects

INSECTS—Continued

Biology

- Balduf, Walter Valentine. Obligatory and facultative insects in rose hips: their recognition and bionomics. (Ill. biological monographs, no26) Univ. of Ill. press '59 p 151-62
- Davies, D. M. and Peterson, B. V. Observations on the mating, feeding, ovarian development, and oviposition of adult black flies (simuliidae, diptera) Can J Zool 34: 651-5 D '56
- Dürr, H. J. R. Morphology and bionomics of the European houseborer, *hylotrupes bajulus* (coleoptera: cerambycidae) (South Africa. Dept. of agriculture. Div. of entomology. Entomology memoirs, v4, pt 1) Gov. printer '56 p 123-9
- Frick, Kenneth Eugene, and others. Bionomics of the cherry fruit flies in eastern Washington. (Technical bul. 13) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p63-6
- Graham, Harry Morgan. Effects of temperature and humidity on the biology of *therioaphis maculata* (Buckton). (Calif. Univ. Pubs. in entomology, v 16, no2) Univ. of Calif. press '59 p79-80
- Hardwick, D. F. Taxonomy, life history, and habits of the elliptoid-eyed species of *schinia* (lepidoptera: noctuidae) with notes on the heliothidinae. Can Entom 90 sup6: 85-6 '58
- Lengerken, Hanns von. Die brutfürsorge und brutflegeinstinkte der käfer. 2d ed Akademie verlagsgesellschaft '54 p367-72
- Linsley, Earle Gorton, and MacSwain, John Winslow. Ethology of some ranunculus insects with emphasis on competition for pollen. (Calif. Univ. Pubs. in entomology, v 16, no 1) Univ. of Calif. press '59 p31-3
- Linsley, Earle Gorton, and MacSwain, John Winslow. Observations on the habits of *stylops pacifica* Bohart. (Calif. Univ. Pubs. in entomology, v 11, no7) Univ. of Calif. press '57 p424-5
- Maillet, P. Contribution à l'étude de la biologie du phylloxéra de la vigne. (In Annales des sciences naturelles. Zoologie et biologie animale. Sér 11, v 19. Masson '57 p405-10)
- Miller, William E. and Neiswander, Ralph Blosser. Biology and control of the European pine shoot moth. (Research bul. 760) Ohio agricultural experiment station '55 p30-1
- Nutting, W. L. and Cleveland, L. R. Effects of glandular extirpations on *cryptocercus* and the sexual cycles of its protozoa. J Exp Zool 137:36-7 F '58
- Syme, P. D. and Davies, D. M. Three new Ontario black flies of the genus *prosimulium* (diptera: simuliidae) Can Entom 90: 718-19, 759 D '58
- Willis, E. R. and others. Observations on reproduction and development in cockroaches. Entom Soc Am Ann 51:63-9 Ja '58

Classification

- Alexander, R. D. Taxonomy of the field crickets of the eastern United States (orthoptera: gryllidae: acheta) Entom Soc Am Ann 50:601-2 N '57
- Ashlock, P. D. Investigation of the taxonomic value of the phallus in the lygaeidae (hemiptera-heteroptera) Entom Soc Am Ann 50:425-6 J1 '57
- Becker, E. C. Revision of the nearctic species of *agrotis* (coleoptera: elateridae) Can Entom 88 sup 1:93-5 '56
- Beirne, B. P. Leafhoppers (homoptera: cicadellidae) of Canada and Alaska. Can Entom 88 sup2:114-16 '56
- Bennett, G. F. Studies on *cuterebra emasculator* Fitch 1856 (diptera: cuterebridae) and a discussion of the status of the genus *cephennomyia* Ltr. 1818. Can J Zool 33:97-8 Ap '55
- Brown, W. J. New World species of *chrysomela* L. (coleoptera: chrysomelidae) Can Entom 88 sup3:52-4 '56
- Carne, P. B. Systematic revision of the Australian dynastinae (coleoptera: scarabaeidae) Div. of entomology. Commonwealth scientific & industrial research organization, Australia '57 p213-14
- Cott, Harold Edwin. Systematics of the suborder tubulifera (thysanoptera) in California. (Calif. Univ. Pubs. in entomology, v 13) Univ. of Calif. press '56 p 199-210

- Crowson, Roy A. Natural classification of the families of coleoptera. Lloyd '55 p 174-6
- Drake, C. J. and Davis, N. T. Morphology and systematics of the piesmatidae (hemiptera) with keys to world genera and American species. Entom Soc Am Ann 51:580-1 N '58
- Ewen, A. B. and Saunders, L. G. Contributions toward a revision of the genus *atrachopogon* based on characters of all stages (diptera, heleidae) Can J Zool 36: 723-4 Q '58
- Fraser, Frederick Charles. Reclassification of the order odonata. (Handbk. no 12) Royal zoological soc. of New South Wales '57 p 121-4
- Gerberg, Eugene Jordan. Revision of the New World species of the powder-post beetles belonging to the family lyctidae. (U.S. Dept. of agriculture. Technical bul. no 1157) U.S. Gov. pte. office '57 p45-55
- Hurd, P. D. Observations on the nesting habits of some New World carpenter bees with remarks on their importance in the problem of species formation (hymenoptera: apoidea) Entom Soc Am Ann 51:374-5 J1 '58
- MacSwain, John Winslow. Classification of the first instar larvae of the meloidae (coleoptera) (Calif. Univ. Pubs. in entomology, v 12) Univ. of Calif. Press '56 p 141-9
- Markl, W. Vergleichend-morphologische studien zur systematik und klassifikation der myrmeleonen (insecta, neuroptera). Natur Ges Basel Verh 65 no2:254-9 '54
- Martin, John Clarke. Taxonomic revision of the triaspine braconid wasps of nearctic America (hymenoptera) (Canada. Dept. of agriculture. Pub. 965) Science service, Entomology div. '56 p 140-6
- Marx, Edward J. F. Review of the subgenus *donacia* in the western hemisphere (coleoptera, donaciidae). (Bul. v 112, article 3) Am. museum of natural history '57 p277-8
- Maxwell, D. E. Comparative internal larval anatomy of sawflies (hymenoptera: symphyta) Can Entom 87 sup 1:123-5 '55
- Richards, W. R. Identities of species of *lecanium* Burmeister in Canada (homoptera: coccioidea) Can Entom 90:312-13 My '58
- Sanjean, John. Taxonomic studies of sarcophaga larvae of New York, with notes on the adults. (Memoir 349) Agricultural experiment station, Cornell Univ. '57 p64-75
- Saunders, L. Revision of the genus *forcipomyia* based on characters of all stages (diptera: ceratopogonidae) Can J Zool 34: 705 D '56
- Selander, R. B. Systematic position of the genus *nephritis* and the phylogenetic relationships of the higher groups of rhipiphoridae (coleoptera) Entom Soc Am Ann 50:103 Ja '57
- Stannard, Lewis Judson. Phylogeny and classification of the North American genera of the suborder tubulifera (thysanoptera). (Ill. biological monographs, no25) Univ. of Ill. press '57 p 145-58
- Wallace, H. S. Revision of the genus *aeoloplides* (orthoptera, acrididae) Entom Soc Am Ann 48:479-80 N '55

Collection and preservation

- Oldroyd, Harold. Collecting, preserving and studying insects. Macmillan '58 p314-19

Color

See Color of insects

Cuticle

See Cuticle

Development

- Hannah-Alava, A. Developmental genetics of the posterior legs in *drosophila melanogaster*. Genetics 43:904-5 N '58
- Harvey, G. T. Occurrence and nature of diapause-free development in the spruce budworm, *choristoneura fumiferana* (Clem.) (lepidoptera: tortricidae) Can J Zool 35: 571-2 Ar '57
- Haufe, W. O. and Burgess, L. Development of aedes (diptera: culicidae) at Fort Churchill, Manitoba, and prediction of dates of emergence. Ecology 37:518-19 J1 '56
- Oberholzer, J. J. Morphological study of some South African lamellicorn larvae. So African J Ag Sci 2:48, 87-8 Mr '59

INSECTS—Development—Continued

Snodgrass, Robert Evans. Evolution of arthropod mechanisms. (Smithsonian misc. colls. v 138, no2) Smithsonian inst. '58 p11-7

See also

Dormancy (insects)
Larvae

Dictionaries

Kéler, Stefan von. Entomologisches Wörterbuch, mit besonderer Berücksichtigung der morphologischen Terminologie. (Deutsche akad. der landwirtschaftswissenschaften, Berlin. Wissenschaftliche abh. no 12/1955) Akademie-verlag '55 p 13-34

Diseases and pests

Burdette, W. J. Tumors in *Drosophila*. Tex Univ Pub no5914:64-8 J1 '59

Hughes, K. M. Annotated list and bibliography of insects reported to have virus diseases. Hilgardia 26 no 14:613-25 My '57

Steinhaus, E. A. New records of insect-virus diseases. Hilgardia 26:423-5 Ja '57

See also

Parasites—Insects

Ecology

Armitage, K. B. Ecology of the riffle insects of the Firehole river, Wyoming. Ecology 39:579-80 O '58

Carne, P. B. Ecological study of the pasture scarab *Aphodius bowditchi* Hope. Australian J Zool 4:312-13 D '56

Cooper, D. M. and others. Studies on the ecology of *Drosophila* in the Yosemite region of California. Ecology 37:532-3, 535, 543-4, 550 J1 '56

Darsie, Richard Floyd, and Springer, Paul Frederick. Three-year investigation of mosquito breeding in natural and impounded tidal marches in Delaware. (Bul. no320) Agricultural experiment station, Univ. of Del. '57 p63-5

Haufe, W. O. and Burgess, L. Development of aedes (diptera: culicidae) at Fort Churchill, Manitoba, and prediction of dates and emergence. Ecology 37:518-19 J1 '56

Hoff, Clarence Clayton. Ecology and distribution of the pseudoscorpions of north-central New Mexico. (N. Mex. Univ. Pubs. in biology, no8) Univ. of N. Mex. press '59 p65-8 annot

Linsley, Earle Gorton, and MacSwain, John Winslow. Ethology of some ranunculid insects with emphasis on competition for pollen. (Calif. Univ. Pubs. in entomology, v 16, no 1) Univ. of Calif. press '59 p31-3

Linsley, E. G. Ecology of solitary bees. Hilgardia 27 no 19:585-99 O '58

Madge, P. E. Ecology of *Onocera fasciculata* (Walker) (lepidoptera: hepialidae) in South Australia. Australian J Zool 4:326, 345, 357; 5:215; 6:25 D '56, J1 '57, My '58

Munroe, E. Canada as an environment for insect life. Can Entom 88:468-76 J1 '56

Wellington, W. G. Atmospheric circulation processes and insect ecology. Can Entom 86:332-3 J1 '54

See also

Insect population

Eggs

Beckel, W. E. Investigations of permeability, diapause, and hatching in the eggs of the mosquito *Aedes hexodontus* Dyar. Can J Zool 36:553-4 Ag '58

Fu, Y. Y. Changes in distribution of sulfur-containing amino acids in developing grasshopper egg (*Melanoplus differentialis*). Physiol Zool 30:11-12 Ja '57

Harwood, R. F. and Horsfall, W. R. Development, structure, and function of covering of eggs of floodwater mosquitoes. Entom Soc Am Ann 50:561 N '57

Hitchcock, J. D. Honey bee queens whose eggs fail to hatch. J Econ Entom 49:13-14 F '56

Messenger, P. S. and Flitters, N. E. Effect of constant temperature environments on the egg stage of three species of Hawaiian fruit flies. Entom Soc Am Ann 51:118-19 Mr '58

Embryology

See Embryology—Insects

Evolution

Kusnezov, N. N. Comparative study of ants in desert regions of Central Asia and South America. Am Natur 90:360 N '56

Flight

Pringle, John William Sutton. Insect flight. (Cambridge monographs in experimental biology, no9) Cambridge '57 p 119-30

Food and feeding

Beck, S. D. European corn borer, *pyrausta nubilalis* (Hbn.) and its principal host plant. Entom Soc Am Ann 49:558, 587-8 N '56

Beck, S. D. Nutrition of the European corn borer, *pyrausta nubilalis* (Hbn.) Entom Soc Am Ann 49:405 J1 '56

Brust, M. and Fraenkel, G. Nutritional requirements of the larvae of a blowfly, *phormia regina* (Meig.) Physiol Zool 28: 203-4 J1 '55

Dethier, V. G. and Rhoades, M. V. Sugar preference-aversion functions for the blowfly. J Exp Zool 126:202-3 J1 '54

Friend, W. G. and Patton, R. L. Studies on vitamin requirements of larvae of the onion maggot, *hylemya antiqua* (MG.) under aseptic conditions. Can J Zool 34: 161-2 Ap '56

House, H. L. Nutritional studies with pseudoscorpion *affinis* (Fall.), a dipterous parasite of the spruce budworm, *choristoneura fumiferana*. (Clem.) Can J Zool 32:341, 349-50, 357, 364-5 O '54

Habits and behavior

Alexander, R. D. Sound production and associated behavior in insects. Ohio J Sci 57: 112-13 Mr '57

Bastock, M. and Blest, A. D. Analysis of behaviour sequences in automeris aurantiaca Weym (lepidoptera). Behaviour 12 no3: 280-2 '58

Bruce, V. G. and Pittendrigh, C. S. Endogenous rhythms in insects and microorganisms. Am Natur 91:193-5 My '57

Common, I. F. B. Study of the ecology of the adult bogong moth, *agrotis infusa* (Boisd.) (lepidoptera: noctuidae) with special reference to its behavior during migration and aestivation. Australian J Zool 2:260-2 S '54

Cooper, K. W. Biology of eumenine wasps. J Exp Zool 134:508-9 Ap '57

Lloyd, D. C. Studies of parasite oviposition behaviour. Can Entom 40:460-1 Ag '58

Perdeck, A. C. Isolating value of specific song patterns in two sibling species of grasshoppers (*chorhippus brunneus* Thunb. and *C. biguttulus* L.) Behaviour 12 no 1/2: 71-4 '58

Precht, H. and Freytag, G. Über ermüdung und hemmung angeborener verhaltensweisen bei springspinnen (salticidae) zugleich ein beitrage zum triebproblem. Behaviour 13 no3:204-10 '58

Schmidt, R. S. Evolution of nest-building behavior in apicoterms (isoptera). Evolution 9:180-1 Je '55

Tanada, Y. and Holdaway, F. G. Feeding habits of the tomato bug, *cyrtopeltis (engytatus) modestus* (Distant) with special reference to the feeding lesion on tomato. (Technical bul. no24) Hawaii agricultural experiment station, Univ. of Hawaii '54 p36-40

Larvae

See Larvae

Metamorphosis

See Insects—Development

Nests

Hurd, P. D. Observations on the nesting habits of some New World carpenter bees with remarks on their importance in the problem of species formation (hymenoptera: apoidea) Entom Soc Am Ann 51:374-5 J1 '58

Nutrition

See Insects—Food and feeding

Physiology

Anderson, A. D. and March, R. B. Inhibitors of carbonic anhydrase in the American cockroach, *periplaneta americana* (L.) Can J Zool 34:73-4 F '56

Clark, E. W. Review of literature on calcium and magnesium in insects. Entom Soc Am Ann 51:151-4 Mr '58

INSECTS—Physiology—Continued

- Harlow, P. A. Action of drugs on the nervous system of the locust (*Locusta migratoria*). *Ann Ap Biol* 46:73 Mr '58
- Herter, Konrad. Der Temperatursinn der Insekten. *Dunker & Humblot* '53 p351-65
- Jones, J. C. Effects of salts on anopheles heart rates. *J Exp Zool* 133:142-4 O '56
- Lewis, I. F. and Walton, L. Gall-formation on *hamamelis virginiana* resulting from material injected by the aphid *hormaphis hamamelidis*. *Am Microsc Soc Trans* 76:196-200 Ap '58
- Metcalfe, R. L. and others. Substrate preferences of insect cholinesterases. *Entom Soc Am Ann* 48:228 Jl '55
- Pflugfelder, Otto. Entwicklungsphysiologie der Insekten. 2d enl ed (Probleme der Biologie, v5) Geest & Portig '58 p407-83
- Schlottman, Loren L. and Bonhag, Philip Frederic. Histology of the ovary of the adult mealworm, *tenebrio molitor* L. (coleoptera, tenebrionidae) (Calif. Univ. Pubs. in entomology, v 11, no6) Univ. of Calif. press '56 p372-3
- Smith, J. N. Detoxication mechanisms in insects. *Cambridge Philos Soc Biol R* 30: 472-5 N '55
- Waterhouse, D. F. Functional differentiation of the hindgut epithelium of the blowfly larva into longitudinal bands. *Australian J Biol Sci* 8:527-8 N '55
- Waterhouse, D. F. Occurrence and significance of the peritrophic membrane, with special reference to adult lepidoptera and diptera. *Australian J Zool* 1:315-17 D '53
- Waterhouse, D. F. and Stay, B. Functional differentiation in the midgut epithelium of blowfly larvae as revealed by histochemical tests. *Australian J Biol Sci* 8:274-5 My '55
- Wilson, H. A. and Dorsey, C. K. Studies on the composition and microbiology of insect spittle. *Entom Soc Am Ann* 50:406 Jl '57
- Wylie, H. G. Factors that affect host finding by *nasonia vitripennis* (Walk.) (hymenoptera: pteromalidae) *Can Entom* 40: 607-8 O '58

See also

- Insecticides—Physiological effect
Insects—Respiration
Metabolism (insects)

Reproduction

- Prasse, J. Das brutfürsorgeverhalten der pilzenwäler *sisyphus schaefferi* L. und *gymnopleurus geoffroyi* Fuessl. (col. scarab). *Halle Univ Wiss Z Math Naturw Reihe* 6:613-14 Jl '57
- Smith, J. M. Effects of the food plant of California red scale, *aspidiotia aurantii* (Mask.) on reproduction of its hymenopterous parasites. *Can Entom* 89:228-30 My '57
- Teichert, M. Biologie und brutfürsorgemassnahmen von *goettrupes mutator* Marsh. und *goettrupes stercorarius* L. (col. scarab). *Halle Univ Wiss Z Math Naturw Reihe* 5:216-17 D '55

Respiration

- Edwards, D. K. Effects of acclimatization and sex on respiration and thermal resistance in *tribolium* (coleoptera: tenebrionidae) *Can J Zool* 36:381-2 Je '58

America

- Drake, C. J. and Kormilev, N. A. Concerning the apterous aradidae of the Americas (hemiptera) *Entom Soc Am Ann* 51:247 My '58

Arctic regions

- Freeman, T. N. and Twinn, C. R. Present trends and future needs of entomological research in northern Canada. *Arctic* 7 no3: 278-9+ '54

Australia

- Mackerras, I. M. Tabanidae of Australia. *Australian J Zool* 4:401-7 D '56

Canada

- MacNay, C. G. Insights of potential economic importance new to Canada, 1954: a review. *Can Entom* 89:143-4 Mr '57
- Munroe, E. Canada as an environment for insect life. *Can Entom* 88:468-76 Jl '56

Canary islands

- Finnländische Kanaren expedition, 1947-1951. *Entomologische ergebnisse*. (Finska vetenskaps-societeten. Commentationes biologicae, v 14, no 1-9) *Akademiska bokhandeln* '53-'54 9pts in 1v incl bibliog

Hawaiian Islands

- Zimmerman, Elwood Curtis. *Insects of Hawaii*; a manual of the insects of the Hawaiian Islands. incl. an enumeration of the species and notes on their origin, distribution, hosts, parasites, etc. Univ. of Hawaii press '48-'58 8v incl bibliog

New Zealand

- Cottier, W. Aphids of New Zealand. (Bull. 106) New Zealand. Dept. of scientific & industrial research '53 p357-67
- Laird, M. Wartime collections of insects from aircraft at Whenuapai. *N Z J Sci & Tech secB* 38:33-4 S '56

North America

- Chamberlin, Willard Joseph. *Scolytoidea of the Northwest*; Oregon, Washington, Idaho and British Columbia. (Ore. state monographs. Studies in entomology, no2) Ore. state college '58 p 193-200
- Jewett, Stanley Gordon. *Stoneflies (plecoptera) of the Pacific Northwest*. (Ore. state monographs. Studies in entomology, no3) Ore. state college '59 p90-2
- Judd, W. W. Study of the population of emerging and littoral insects trapped as adults from tributary waters of Thames river at London, Ontario. *Am Midland Nat* 58:411-12 O '57

Nova Scotia

- Archibald, K. D. Forest aphidae of Nova Scotia. *Nova Scotian Inst Sci Proc* 24:175-92 '55-'56

United States

- Borror, Donald Joyce, and De Long, Dwight Moore. Introduction to the study of insects. *Rinehart* '54 incl bibliog

INSECTS, Aquatic

- Armitage, K. B. Ecology of the riffle insects of the Firehole river, Wyoming. *Ecology* 39:579-80 O '58
- Paine, G. H. and Gauvin, A. R. Aquatic diptera as indicators of pollution in a mid-western stream. *Ohio J Sci* 56:303-4 S '56
- Sloan, W. C. Distribution of aquatic insects in two Florida springs. *Ecology* 37:97-8 Ja '56
- Usinger, Robert Leslie, ed. *Aquatic insects of California*; with keys to North Am. genera and Calif. species [contributors] W. C. Bentinck [and others] Univ. of Calif. press '56 incl bibliog

See also

Ceratopogonidae

INSECTS, Effect of carbon dioxide on

- Willis, E. R. and Roth, L. M. Reactions of flour beetles of the genus *tribolium* to carbon dioxide and dry air. *J Exp Zool* 127:150-2 O '54

INSECTS, Effect of chemicals on

- Harlow, P. A. Action of drugs on the nervous system of the locust (*Locusta migratoria*) *Ann Ap Biol* 46:73 Mr '58
- Jones, J. C. Effects of drugs on anopheles heart rates. *J Exp Zool* 133:586-8 D '56
- Von Borstel, R. C. Differential response of meiotic stages in *habrobracon* eggs to nitrogen mustard. *Genetics* 40:114-16 Ja '55

See also

Insecticides—Physiological effect

INSECTS, Effect of climate on

- Wellington, W. G. Atmospheric circulation processes and insect ecology. *Can Entom* 86:332-3 Jl '54

INSECTS, Effect of moisture on

- Church, N. S. Moisture and diapause in the wheat stem sawfly, *cephus cinctus* Nort. (hymenoptera: cephidae) *Can Entom* 87: 96-7 F '55

INSECTS, Effect of odors on

- Montellth, L. G. Host preferences of drino bohemica Mesn. (diptera: tachinidae), with particular reference to olfactory responses. *Can Entom* 87:529-30 D '55

INSECTS, Effect of oxygen on

- Bender, M. A. Comparative effects of hard and soft ionizing radiations on male and female ring X *drosophila* in air and nitrogen. *Genetics* 43:136-8 Ja '58

INSECTS, Effect of oxygen on—*Continued*

- Plaine, H. L. Effect of oxygen and of hydrogen peroxide on the action of a specific gene and on tumor induction in *drosophila melanogaster*. *Genetics* 40:279-80 Mr '55
- Whiting, A. R. Effects of oxygen on the frequency of X-ray-induced mutations in *habrobracon* eggs. *Genetics* 39:857-8 N '54

INSECTS, Effect of phosphorus on

- King, R. C. Studies with radiophosphorus in *drosophila*. *J Exp Zool* 126:333-5 Jl '54

INSECTS, Effect of radiation on

- Alexander, M. L. Radiation damage in the developing germ cells of *drosophila virilis* from fast neutron treatment. *Genetics* 43:467-9 Jl '58
- Ballard, R. C. Responses of stomoxys calcitrans (L.) to radiant energy and their relation to absorption characteristics of the eye. *Entom Soc Am Ann* 51:463-4 S '58
- Bender, M. A. Comparative effects of hard and soft ionizing radiations on male and female ring X *drosophila* in air and nitrogen. *Genetics* 43:136-8 Ja '58
- Edington, C. W. and Randolph, M. L. Comparison of the relative effectiveness of radiations of different average linear energy transfer on the induction of dominant and recessive lethals in *drosophila*. *Genetics* 43:725-7 S '58
- King, R. C. Studies with radiophosphorus in *drosophila*. *J Exp Zool* 126:333-5 Jl '54
- Lee, W. R. Dosage response curve for radiation induced dominant lethal mutations in the honeybee. *Genetics* 43:491-2 Jl '58
- Parker, D. R. Dominant lethal mutation in irradiated oocytes. *Tex Univ Pub* no5914:125-7 Jl '59
- Parker, D. R. and McCrone, J. Genetic analysis of some rearrangements induced in oocytes of *drosophila*. *Genetics* 43:185-6 Mr '58
- Yost, H. T. and Benneyan, R. N. Effects of combined radiations on crossing over in *drosophila melanogaster*. *Genetics* 42:159-60 Mr '57
- INSECTS, Effect of radioactivity on
- Auerbach, S. I. Soil ecosystem and radioactive waste disposal to the ground. *Ecology* 39:529 Jl '58
- INSECTS, Effect of salts on
- Jones, J. C. Effects of salt on anopheles heart rates. *J Exp Zool* 133:142-4 O '56
- INSECTS, Effect of temperature on
- Baldwin, W. F. Acclimation and lethal high temperatures for a parasitic insect. *Can J Zool* 32:170-1 Je '54
- Edwards, D. K. Effects of acclimatization and sex on respiration and thermal resistance in *tribolium* (coleoptera: tenebrionidae). *Can J Zool* 36:381-2 Je '58
- Graham, Harry Morgan. Effects of temperature and humidity on the biology of *theriophis maculata* (Buckton). (Calif. Univ. Pubs. in entomology, v 16, no2) Univ. of Calif. press '59 p79-80
- Messenger, P. S. and Flitters, N. E. Effect of constant temperature environments on the egg stage of three species of Hawaiian fruit flies. *Entom Soc Am Ann* 51:118-19 Mr '58
- INSECTS, Effect of X rays on
- Alexander, M. L. Mutation rates at specific autosomal loci in the mature and immature germ cells of *drosophila melanogaster*. *Genetics* 39:427-8 My '54
- Glass, B. Comparative study of induced mutation in the oocytes and spermatozoa of *drosophila melanogaster*. *Genetics* 40:266-7, 295-6 Mr '55
- Haas, F. L. and others. Measurement and control of some direct and indirect effects of X-radiation. *Genetics* 39:469-71 Jl '54
- Herskowitz, I. H. and Abrahamson, S. Induced changes in female germ cells of *drosophila*. *Genetics* 42:452-3 Jl '57
- Lefevre, G. Mutation isoalleles at the yellow locus in *drosophila melanogaster*. *Genetics* 40:385-7 My '55
- Plaine, H. L. Effect of oxygen and of hydrogen peroxide on the action of a specific gene and on tumor induction in *drosophila melanogaster*. *Genetics* 40:279-80 Mr '55
- Schacht, L. E. Time of X-ray induction of crossovers and of translocations in *drosophila melanogaster* males. *Genetics* 43:677-8 S '58

- Ward, C. L. and Alexander, M. L. Cytological analysis of X-ray-induced mutations at eight specific loci in the third chromosome of *drosophila melanogaster*. *Genetics* 42:53-4 Ja '57

- Whiting, A. R. Effects of oxygen on the frequency of X-ray-induced mutations in *habrobracon* eggs. *Genetics* 39:857-8 N '54

INSECTS, Fossil

- Evans, J. W. Palaeozoic and mesozoic hemiptera (insecta). *Australian J Zool* 4:253-4 O '56
- Riek, E. F. Fossil insects from the triassic beds at Mt. Crosby, Queensland. *Australian J Zool* 3:690-1 D '55

INSECTS, Injurious and beneficial

- Baldur, Walter Valentine. Obligatory and facultative insects in rose hips; their recognition and bionomics. (Ill. biological monographs, no26) Univ. of Ill. press '59 p 151-62
- Common, I. F. B. Australian species of heliothis (lepidoptera: noctuidae) and their pest status. *Australian J Zool* 1:342-4 D '53
- Guppy, J. C. Insect surveys of clovers, alfalfa, and birdsfoot trefoil in eastern Ontario. *Can Entom* 40:530-1 S '58
- Index XIII-XVII to the literature of American economic entomology. 1953(-Jan. 1956 to Dec. 31, 1957) (Special pub. 13-16) Am. assn. of economic entomologists '55-'59 4v
- Isely, Dwight. Methods of insect control, parts I and II. rev ed The author '57 incl bibliog
- Kruel, W. Standortbeziehungen unserer wichtigsten kieferinsekten. *Arch Forstwesen* 4 no5:530-2 '55
- MacNay, C. G. Insects of potential economic importance new to Canada, 1954: a review. *Can Entom* 89:143-4 Mr '57
- Ott, D. J. Identification of insect damage on wool and related animal fibers. *Am Dye-stuff Rep* 44:519-20 Ag 1 '55
- Smith, J. M. Effects of the food plant of California red scale, *aspidiotia aurantii* (Mask.) on reproduction of its hymenopterous parasites. *Can Entom* 89:228-30 My '57
- Thatcher, Robert C. References of value in studies in insects affecting the southern pines; an annot. list. (Bul. no 1) Dept. of forestry, Stephen F. Austin state college '57 37p
- United States. Superintendent of documents. Insects. (Price list 41, 50th ed) U.S. Gov. ptg. office '59 8p
- See also
- Aeronautics in agriculture
- Galls (botany)
- Insecticides
- Insects as carriers of plant diseases
- also names of insects, e.g. Beetles, Leafhoppers
- Bacteriological control
- Heimpel, A. M. Investigations of the mode of action of strains of *bacillus cereus* Fr. and *Fa. pathogenicus* for the larch sawfly, *pristiphora erichsonii* (Htg.) *Can J Zool* 33:326 Ag '55
- Biological control
- Allen, W. W. Biology of *apanteles medicaginis* Muesebeck (hymenoptera: braconidae). *Hilgardia* 27 no 18:538-41 S '58
- Allen, W. W. and Smith, R. F. Some factors influencing the efficiency of *apanteles medicaginis* Muesebeck (hymenoptera: braconidae) as a parasite of the alfalfa caterpillar, *collas philodice eurytheme* Boisduval. *Hilgardia* 28 no 1:40-2 N '58
- Clausen, Curtis Paul. Biological control of insect pests in the continental United States. (U.S. Dept. of agriculture. Technical bul. no 1139) U.S. Gov. ptg. office '56 p 135-43
- Flanders, S. E. Employment of exotic entomophagous insects in pest control. *J Econ Entom* 52:75 F '59
- Flanders, S. E. and others. *Casca chinensis*, an internal parasite of California red scale. *Hilgardia* 28 no3:90-1 N '58
- Johansen, C. A. History of biological control of insects in Washington. *Northwest Sci* 31:76-9 My '57
- MacLeod, D. M. Investigations on the genera *beauveria* Vuill. and *tritirachium* Limber. *Can J Bot* 32:884-90 N '54

INSECTS, Injurious and beneficial—Biological control—*Continued*

- Milne, A. Natural control of insect populations. *Can Entom* 89:212-13 My '57
- Moreton, B. D. Beneficial insects. 2d ed (Gt. Brit. Ministry of agriculture, fisheries and food. Bul. no20) H.M.S.O. '58 p43-5
- Morris, R. F. Development of sampling techniques, for forest insect defoliators, with particular reference to the spruce budworm. *Can J Zool* 33:293-4 Ag '55
- Ryke, P. A. J. and Meyer, M. K. P. Spider mites and false spider mites with notes on South African species and the basic concepts regarding their biological control. *So African J Ag Sci* 1:371-3 D '58
- Simmonds, F. J. Present status of biological control. *Can Entom* 88:562-3 S '56
- Smith, Owen Jefferson, and others. Morphology and biology of sturmia harrisinae Coquillett (diptera), a parasite of the western grape leaf skeletonizer. (Calif. Univ. Pubs. in entomology, v 10, no5; Calif. Citrus experiment station, Riverside. Paper no838) Univ. of Calif. press '55 p355-7
- Steinhaus, E. A. Effects of disease on insect populations. *Hilgardia* 23:254-61 D '54
- Steinhaus, E. A. Microbial control—the emergence of an idea. *Hilgardia* 26 no 2:147-57 O '56
- Steinhaus, E. A. *Serratia marcescens* Bizio as an insect pathogen. *Hilgardia* 28 no 14:378-80 F '59
- Wallis, R. C. Incidence of polyhedrosis of gypsy-moth larvae and the influence of relative humidity. *J Econ Entom* 50:583 O '57
- Control
- Allen, W. W. and others. Effectiveness of various pesticides against the cyclamen mite on strawberries. *J Econ Entom* 50:652 O '57
- Beard, Raimon Lewis. Selection of physiologic strains of oncopeltus and its relation to insecticide resistance. (Bul. 611) Conn. Agricultural experiment station '57 p44-5
- Du Toit, R. Trypanosomiasis in Zululand and the control of tsetse flies by chemical means. *Onderstepoort J Vet Res* 26:385-7 Je '54
- Ebeling, W. and Wagner, R. E. Rapid desiccation of drywood termites with inert sorptive dusts and other substances. *J Econ Entom* 52:207 Ap '59
- English, L. L. Need for common sense in the control of insect pests. *J Econ Entom* 48:282 Je '55
- Glen, R. Factors that affect insect abundance. *J Econ Entom* 47:404-5 Je '54
- Hewlett, P. S. Interpretation of dosage-mortality data for DDT-resistant houseflies. *Ann Ap Biol* 46:45-6 Mr '58
- Hewlett, P. S. and Gostick, K. G. Loss of weight of pyrethrin-treated flour beetles, *tribolium castaneum* (Herbst), and its application to bioassay. *Ann Ap Biol* 43:235-6 Je '55
- Huffaker, C. B. and Kennett, C. E. Experimental studies on predation: predation and cyclamen-mite populations on strawberries in California. *Hilgardia* 26 no4:220-2 O '56
- Jamnback, Hugo, and Collins, Donald Louis. Control of blackflies (diptera: simuliidae) in New York. (N.Y. State museum. Bul. no350) Univ. of the state of N.Y. '55 p93-100
- Merrell, D. J. and Underhill, J. C. Selection for DDT resistance in inbred, laboratory, and wild stocks of *drosophila melanogaster*. *J Econ Entom* 49:306 Je '56
- Michelbacher, Abraham Ezra, and others. Controlling melon insects and spider mites. (Bul. 749) Calif. agricultural experiment station, Div. of agricultural sciences, Univ. of Calif. '55 p45-6
- Miller, William E. and Nelswander, Ralph Blosser. Biology and control of the European pine shoot moth. (Research bul. 760) Ohio agricultural experiment station '55 p30-1
- O'Brien, R. D. Inhibition of cholinesterase and succinoxidase by malathion and its isomer. *J Econ Entom* 49:490 Ag '56
- Traub, R. and others. Efficacy of dieldrin and aldrin in area control of the chigger vectors of scrub typhus. *J Econ Entom* 47:434-5 Je '54
- Vlado, G. B. and others. Some organic insecticides in the control of the corn earworm and the corn borer on green corn. *Philippine Ag* 41:409-11 D '57

INSECTS, Predatory

- Linsley, E. G. and MacSwain, J. W. Some observations on the nesting habits and prey of *cerceris californica* cresson (hymenoptera, sphecidae) *Entom Soc Am Ann* 49:84 Ja '56

INSECTS, Social. See Insect societies

INSECTS as carriers of disease

- Faust, Ernest Carroll. Animal agents and vectors of human disease. *Lea* '55 incl bibliog
- Fuller, H. S. Experimental epidemiology in relation to arthropod-borne disease. *J Econ Entom* 47:428-9 Je '54
- Neitz, W. O. Consolidation of our knowledge of the transmission of tick-borne diseases. *Onderstepoort J Vet Res* 27:123-37 O '56

See also

- Mosquitoes
Tsetse flies

INSECTS as carriers of plant diseases

- Badarni, R. S. Changes in the transmissibility by aphids of a strain of cucumber mosaic virus. *Ann Ap Biol* 46:562 D '58
- Dorsey, C. K. and Leach, J. G. Bionomics of certain insects associated with oak wilt with particular reference to the nitidulidae. *J Econ Entom* 49:229-30 Ap '56
- Jewell, F. F. Insect transmission of oak wilt. *Phytopathology* 46:256-7 My '56
- McEwen, F. L. and others. Host range and transmission of the pea enation mosaic virus. *J Econ Entom* 50:774-5 D '57
- Sylvester, E. S. Aphid transmission of non-persistent plant viruses with special reference to the brassica nigra virus. *Hilgardia* 23:93-8 Je '54
- Sylvester, E. S. Beet yellow virus transmission by the green peach aphid. *J Econ Entom* 49:800 D '56
- Sylvester, E. S. Lettuce mosaic virus transmission by the green peach aphid. *Phytopathology* 45:368-70 Jl '55

See also

- Thrips

INSECTS as pollinizers

- Leppik, E. E. Evolutionary relationship between entomophilous plants and anthophilous insects. *Evolution* 11:479-81 D '57

INSEMINATION, Artificial. See Impregnation, Artificial

INSPECTION

- Anscombe, F. J. Rectifying inspection of a continuous output. *Am Stat Assn J* 53:717-19 S '58

INSPIRATION

See also

- Creation (literary, artistic, etc)

INSTALLMENT plan

- American finance conference. Bibliography of reference materials on consumer installment credit. (Special bul. no65) The conference '56 30p
- Harris, Ralph, and Seldon, Arthur, eds. Hire purchase in a free society; with a foreword by Sir Oscar Hobson. *Inst. of economic affairs, London* '58 p86-8
- Same. 2d ed *Inst. of economic affairs, London* '59 p 115-17
- Michigan. University. Bureau of business research. Consumer credit and the American family, a perspective analysis; proceedings of the Nat. consumer credit conference, Apr. 8, 9, 10, 1956. (Mich. business papers, no32) The bureau '56 p 125-39
- Winchester, James P. Consumer installment loan losses and valuation reserves. *Bankers pub.* '55 p 102-6

INSTINCT

- Fletcher, Ronald. Instinct in man in the light of recent work in comparative psychology. *Int. univs. press* '57 p340-4
- Schiller, Claire H. ed. and tr. Instinctive behavior; the development of a modern concept; introd. by Karl S. Lashley; contributors: D. J. Kuenen [and others] *Int. univs. press* '57 p311-17

See also

- Orientation

INSTRUMENTS, Astronomical. See Astronomical instruments

INSTRUMENTS, Electronic. See Electronic apparatus and appliances

INSTRUMENTS, Engineering. See Engineering instruments

INSTRUMENTS, Measuring. See Measuring instruments

INSTRUMENTS, Medical. See Medical instruments and apparatus

INSTRUMENTS, Musical. See Musical instruments

INSTRUMENTS, Oceanographic. See Oceanographic instruments

INSTRUMENTS, Optical. See Optical instruments

INSTRUMENTS, Scientific. See Scientific apparatus and instruments

INSTRUMENTS, Surgical. See Surgical instruments

INSULATION (electric)

American institute of electrical engineers. Committee on dielectrics. Bibliography on testing of insulating materials and systems for thermal degradation; prepared for working groups on evaluation of thermal stability of insulating materials. The institute '56 28p
Baatz, Herbert. Überspannungen in energieverorgungsnetzen. Springer '56 p259-85

INSULATION (heat)

Valore, R. C. Insulating concretes. Am Concrete Inst J 28:530-2 N '56

INSULIN

Lee, N. D. Studies on insulin labeled with ¹³¹I. N Y Acad Sci Ann 70 no 1:106-8 '57
Schlichtkrull, Jørgen. Insulin crystals: chemical and biological studies on insulin crystals and insulin zinc suspensions. Munksgaard '58 incl bibliog

INSURANCE

AAUTI summaries of studies and research in insurance. See numbers of Journal of insurance

Additions to the library. See numbers of Insurance society of New York. News letter thru December 1957

Bibliografia. See numbers of Assicurazioni
Dievoet, Emile van. Catalogus van de internationale verzekeringbibliotheek te Leuven. Catalogue de la bibliothèque internationale des assurances de Louvain. Assurantie van de Belgische boerenbond '54 447p

Huebner, Solomon Stephen. Property insurance; 4th ed. by [the auth. and] Kenneth Black. Appleton '57 p545-51

Insurance book reviews. Insurance group. Special lib. assn. See numbers

Insurance library of Chicago. Insurance book list. The library. See numbers

Insurance society of New York. Library. Basic reading list for fire, casualty, marine insurance, and bonding. The library '55 10p

Krogh, Harold C. and Dobyns, Frank P. Local insurance agency in Kansas. Bur. of business research, Univ. of Kan. '57 p83-7

Mowbray, Albert Henry. Insurance; its theory and practice in the United States. 4th ed. by Ralph H. Blanchard. (McGraw-Hill insurance ser) McGraw '55 p549-56 annot

See also

Risk (insurance)

Saving and thrift

History

Insurance society of New York. Library. History of insurance; a bibliography. The library '58 6p

Premiums

See Insurance—Rates and tables

Rates and tables

Williams, Chester Arthur. Price discrimination in property and liability insurance. (Minn. Univ. Studies in economics and business, no 19) Univ. of Minn. press '59 p98-100

INSURANCE, Accident

See also

Workmen's compensation

INSURANCE, Agricultural

Fessler, Max E. Hall insurance on Kansas wheat. Bur. of business research, Univ. of Kan. '58 p 145-6

INSURANCE, Aviation

Schmetzke, Rudolf. Luftfahrt und versicherung; eine historische betrachtung über die entstehung der deutschen luftfahrtversicherung. (Cologne. Univ. Inst. für versicherungswissenschaft. Schriftenreihe, new ser, no 13) Duncker & Humblot '54 p 201-29

INSURANCE, Business

Köhler, Rudolf. Die betriebsunterbrechungsversicherung in der Schweiz. Keller '55 p 173-8

Long, John Douglas. Methods of agency continuation. (Ind. business rep. no 19) Bur. of business research, School of business, Ind. univ. '55 p 106-10

INSURANCE, Casualty

Kulp, Clarence Arthur. Casualty insurance; an analysis of hazards, policies, insurers and rates. Ronald '56 p617-27
Magarick, Patrick. Successful handling of casualty claims. (Prentice-Hall insurance ser) Prentice-Hall '55 p476-7

INSURANCE, Credit

Kedzie, Daniel P. Consumer credit insurance. Irwin '57 p 197-207

INSURANCE, Fire

Considine, Bob. Man against fire; fire insurance—protection from disaster. (Am. industries ser) Doubleday '55 p377-8

Salmon, Paul B. Fire insurance principles and practices in school districts employing nationally affiliated business officials; a special insurance report. (Bul. no 18) Insurance management research com. Assn. of school business officials of the U.S. & Canada '58 p84-6

INSURANCE, Group

Gregg, Davis Weinert. Group life insurance; an analysis of concepts, contracts, costs, and company practices. rev ed (Huebner foundation for insurance education. Studies) Irwin '57 p241-7

INSURANCE, Health

Canadian welfare council. Health insurance; what are the issues? The council '56 p58-9
Pollack, J. Major medical expense insurance: an evaluation. Am J Pub Health 47:334 Mr '57

Germany

Hadrich, Julius. Die arztfrage in der deutschen sozialversicherung; ihre soziologischen und wirtschaftlichen probleme. Duncker & Humblot '55 incl bibliog

Switzerland

Ochsner, Gertrud. Invalidenfürsorge und invalidenversicherung in der Schweiz. Brunner & Bodmer '54 p9-19

United States

Baisden, Richard Norman, and Hutchinson, John. Health insurance: group coverage in industry; ed. by Irving Bernstein. Inst. of industrial relations, Calif. univ. '56 p72-6 annot

Dickerson, Oliver Donald. Health insurance. (Irwin ser. in insurance) Irwin '59 incl bibliog

Manny, Elsie Sherman. Voluntary health insurance; sel. annot. references. (Bibliog. bul. no25) U.S. Dept. of agriculture '54 62p

Pennsylvania. University. Survey and a statement of principles on tax-supported medical institutional care for the needy and medically needy of Pennsylvania. by a faculty committee for the Dept. of welfare. Commonwealth of Pennsylvania. The university '57 p319-39

INSURANCE, Industrial

See also

Insurance, Unemployment

INSURANCE, Life

Bizley, Michael Terence Lewis, and Lacey, Alfred Edward. Approximate valuation of life assurance and annuity contracts. Cambridge '54 p 103-4

Herrick, Kenneth W. Total disability provisions in life insurance contracts. (Huebner foundation for insurance education. Studies) Irwin '56 p 199-207

Institute of life insurance. List of worthwhile life insurance books, 1958 edition. The institute '58 34p annot

See also

Insurance, Group

INSURANCE, Sickness. See Insurance, Health

INSURANCE, Social

Biondo, Bruno. La sicurezza sociale nel mondo; studio sui sistemi di sicurezza sociale di 149 paesi, con prefazione de ministro del lavoro e della previdenza sociale Ezio Vigorelli. Ed. T.E.M.I. '54 p641-54

United States. Department of health, education, and welfare. Library. Basic readings in social security, social welfare [and] social insurance. (U.S. Social security adm. Pub. 1956, no28) U.S. Gov. ptg. office '57 144p

See also

Insurance, Health

Insurance, Unemployment

Old age pensions

INSURANCE, Social—Continued

Periodicals

Hänel, Wolfgang. Bibliographie des periodischen schrifttums der sozialversicherung; zusammenstellung der auf dem gebiete der sozialversicherung erschienenen zeit- und periodischen druckschriften. Asgardverlag '57 96p annot

Belgium

Kelders, Freddy. L'organisation administrative de la sécurité sociale en Belgique; préf. de Marc Somerhausen. (Coll. scientifique, 5) Faculté de droit, Univ. de Liège '55 p257-60
Rezsöházy, Rudolf. Histoire du mouvement mutualiste chrétien en Belgique. (Louvain. Univ. catholique. Centre d'études sociales. Pubs) Eds. Erasme '57 p23-44

Europe

Hampel, Gustav. Die bedeutung der sozialpolitik für die europäische integration. (Kieler studien, 33) Inst. für weltwirtschaft, Kiel univ. '55 p 165-9

France

France. Direction de la documentation. Le régime général de la sécurité sociale en France. (Recueils et monographies) Documentation française '52 p49-54

Germany

Vogel, Walter. Bismarcks arbeiterversicherung; ihre entstehung im kräftespiel der zeit. Westermann '51 p 178-88

Latin America

Handbook of Latin American studies. no 181-211 Univ. of Fla. press '55-'59 4v no 18, p 174-81; no 19, p226-35; no20, p215-24; no21, p 179-90 annot

United States

Gagliardo, Domenico. American social insurance. rev ed Harper '55 p647-59
Turnbull, John Gudert, and others. Economic and social security; public and private measures against economic insecurity. Ronald '57 incl bibliog annot
United States. Social security administration. Social security in the United States. new ed U.S. Gov. ptg. office '53 p56-63

Venezuela

Pérez, J. C. Índice bibliográfico venezolano sobre seguridad social; relación ordenada de estudios hechos entre 1936 y 1953. (In Instituto venezolano de los seguros sociales. Anales. The institute '55 p 125-32)

INSURANCE, Unemployment

Bowers, Edison L. and others. Financing unemployment compensation: Ohio's experience. (Monograph no89) Bur. of business research, College of commerce & adm, Ohio state univ. '56 p307-14
Gordon, Margaret S. and Amerson, Ralph W. Unemployment insurance; ed. by Irving Bernstein. Inst. of industrial relations, Univ. of Calif. '57 p85-7 annot
Princeton university. Industrial relations section. Supplemental unemployment benefits. (Sel. references, no66) The section '55 4p annot
United States. Bureau of employment security. State studies in unemployment insurance financing; prepared by George F. Rohrlach. Div. of actuarial & financial services '55 p4-15
United States. Unemployment insurance service. Supplemental unemployment benefit plans and unemployment insurance [by Harper E. Fortune and Reginald D. Tumbleson] (BES no U-172) U.S. Bur. of employment security '57 p29-35
Upjohn institute for community research. Unemployment and relief from the local government point of view; a rep. of the Institute [by] Samuel V. Bennett. Public adm. service '55 p251-65
Wermel, Michael Theodore. Alternative approaches to supplemental unemployment benefits. (BIRC pub. no2) Industrial relations sec, Calif. inst. of technology '56 p29-30

INSURANCE, Workmen's. See Workmen's compensation

INSURANCE companies

Schultz, Robert E. Life insurance housing projects. (Huebner foundation for insurance education. Studies) Irwin '56 p 146-50

Securities

Porterfield, James T. S. Life insurance stocks as investments. (Business research ser, no9) Graduate school of business, Stanford univ. '56 p 104-6

INTEGRAL equations

Kohn, J. J. and Spencer, D. C. Complex Neumann problems. Ann Math 66:138-40 J1 '57

Smithies, Frank. Integral equations. (Cambridge tracts in mathematics and mathematical physics, no49) Cambridge '58 p 167-9

See also

Functional analysis

INTEGRAL functions. See Functions, Integral

INTEGRALS

Zaenen, Adriaan Cornelis. Introduction to the theory of integration. North-Holland pub. co. '58 p245-9

INTEGRATED curriculum. See Integration (education)

INTEGRATION (economics)

United States. Department of agriculture. Library. Contract farming and vertical integration; a sel. list of references; comp. by Nellie G. Larson. (Lib. list no64) The library '58 23p annot

INTEGRATION (education)

National society for the study of education. Committee on the integration of educational experiences. Integration of educational experiences; ed. by Nelson B. Henry. (Yearbk. 57, pt3) The society '58 p267-73

INTELLECT

Barbotin, Edmond. La théorie aristotélicienne de l'intellect d'après Théophraste. (Louvain. Univ. catholique. Inst. supérieur de philosophie (Ecole Saint Thomas d'Aquin) Aristote; traductions et études) Pubs. univs. de Louvain '54 p7-30

See also

Inefficiency, Intellectual

Intelligence

Knowledge, Theory of

Logic

Memory

Reasoning

Thought and thinking

INTELLECTUAL cooperation

See also

Education—International aspects
Exchanges, Literary and scientific

INTELLECTUAL property. See Copyright; Patents

INTELLIGENCE

Anastasi, A. Intelligence and family size. Psychol Bul 53:206-9 My '56

Blanchard, W. H. Intellectual inhibition and the search for scientific truth. J Social Psychol 47:68-70 F '58

Engler, David. How to raise your child's IQ. Criterion bks. '58 p 147-50

Fromm, Erika, and Hartman, Lenore Dumas. Intelligence; a dynamic approach. (Doubleday papers in psychology, no 16) Doubleday '55 p50-2

Guilford, J. P. Structure of intellect. Psychol Bul 53:292-3 J1 '56

Miner, John B. Intelligence in the United States; a survey with conclusions for manpower utilization in education and employment. Springer pub. '57 p 155-64

See also

Intellect

INTELLIGENCE of animals. See Animal intelligence

INTELLIGENCE service

Fraser, Peter. Intelligence of the secretaries of state & their monopoly of licensed news, 1660-1688. Cambridge '56 p 165-72

Platt, Washington. Strategic intelligence production; basic principles. Praeger '57 p279-91

Ransom, Harry Howe. Central intelligence and national security. Harvard univ. press '58 p233-56 annot

INTELLIGENCE tests

Anderson, Charles Campbell. Function fluctuation. (British journal of psychology. Monograph supp. no30) Cambridge '58 p95-101

Angers, W. P. Psychometric study of institutionalized epileptics on the Wechsler-Bellevue. J Gen Psychol 58:246-7 Ap '58

Burkhardt, R. Relation of intelligence to art ability. J Aesthetics 17:240-1 D '58

INTELLIGENCE tests—Continued

- California test bureau. Division of professional services. California test of mental maturity. (Summary of investigations, no3) The bureau '56 p27-30
- Davis, P. C. Factor analysis of the Wechsler-Bellevue scale. *Educ & Psychol Meas* 16: 144-6 Spring '56
- Fromm, E. and others. Children's intelligence tests as a measure of dynamic personality functioning. *Am J Orthopsychiat* 27:143-4 Ja '57
- Guertin, W. H. and others. Research with the Wechsler-Bellevue intelligence scale, 1950-1955. *Psychol Bul* 53:252-7 My '56
- Levinson, B. M. Reevaluation of the revised Stanford-Binet scale: form L vocabulary as a test of intelligence for the kindergarten and primary school child. *J Genet Psychol* 93:247-8 D '58
- Maistriau, Robert. L'intelligence noire et son destin. Eds. de problèmes d'Afrique centrale '57 p225-34
- Mental measurements yearbook [1952-1958] Oscar Krisen Bueros, editor. (V5) Gryphon press '59 incl bibliog
- Miner, John B. Intelligence in the United States; a survey with conclusions for manpower utilization in education and employment. Springer '57 p 155-64
- Mira y López, Emilio. M. K. P. myokinetic psychodiagnosis; with a foreword by Gordon W. Allport; ed. by Leopold Bellak [and others] tr. from the French by Mrs. Jacques Dubois. (Logos pub. in behavioral science) Logos press '58 p 183-86
- Mundy-Castle, A. C. Electrophysiological correlates of intelligence. *J Personality* 26: 197-9 Je '58
- Richardson, H. M. and Surko, E. F. WISC scores and status in reading and arithmetic of delinquent children. *J Genetic Psychol* 89:260-2 D '56
- Roser, O. L. and others. Metodo per la misurazione dell'efficienza intellettuale: M.E.I.-H.F. 57. *Bol Psicol & Sociol App* no25/30:143-5 F '58
- Shuey, Audrey Mary. Testing of Negro intelligence. *Bell* '58 p319-40
- Stinissen, J. Collectieve intelligentietest; met een inleiding van J. Nuttin. (Studia psychologica) Leuvense univ. uitgaven '55 p 173-80
- Thorndike, Robert Ladd, and Hagen, Elizabeth. Measurement and evaluation in psychology and education. Wiley '55 incl bibliog
- Tozer, A. H. D. and Larwood, H. J. C. Changes in intelligence test score of students between the beginning and end of their university courses. *Brit J Educ Psychol* 28: 128 Je '58

See also

Progressive matrices test

INTERPERANCE. See Alcoholism**INTER-AMERICAN highway.** See Pan American highway**INTERCELLULAR spaces (botany)**Sifton, H. B. Air-space tissue in plants. *Bot R* 23:310-12 My '57**INTERCHANGE of population.** See Population transfers**INTERCULTURAL education**

Dean, John P. and Rosen, Alex. Manual of intergroup relations; foreword by Charles S. Johnson. Univ. of Chicago press '55 p 183-8 annot

Goodman, Mary Ellen. Primer for parents; educating our children for good human relations. Anti-defamation league '59 p32

Grambs, Jean Dresden. Education in a transition community. (Intergroup education pamphlets, no9) Nat. conference of Christians & Jews '55 p 121-4 annot

Heaton, Margaret M. and Lewis, Helen B. Reading ladders for human relations. rev & enl ed 1954 Am. council on education '55 215p annot

Lewis, H. B. and Skiff, M. S. For better human relations. *Lib J* 80:77-9 O 15 '55 annotMuuss, R. and Stendler, C. B. Intergroup education in the public schools. *Educ Forum* 20:163-4 Ja '56

Wolfe, Ann G. About 100 books; a gateway to better intergroup understanding. Div. of youth service, Am. Jewish com. '56 44p

—Same, 3d ed Div. of youth services, Am. Jewish com. '59 36p annot

See also

Area studies

INTEREST (psychology)Hill, G. E. and Hole, R. M. Comparison of the vocational interests of tenth grade students with their parents' judgments of these interests. *Educ & Psychol Meas* 18: 185-7 Spring '58Patterson, C. H. Interest test and the emotionally disturbed client. *Educ & Psychol Meas* 17:278-80 Summer '57Rogers, C. A. Orectic relations of verbal fluency. *Australian J Psychol* 8:43-6 Je '56*See also*

Attention

Strong vocational interest blank

INTEREST and usury

Noonan, John Thomas. Scholastic analysis of usury. Harvard univ. press '57 p409-15

INTERGROUP relations

Dean, John P. and Rosen, Alex. Manual of intergroup relations; foreword by Charles S. Johnson. Univ. of Chicago press '55 p 183-8 annot

National community relations advisory council. Guide to changing neighborhoods; a manual of guidance for dealing with intergroup relations problems in the neighborhood undergoing change. The council '56 p67-71 annot

National community relations advisory council. Respective roles and responsibilities of private and public agencies in advancing community relations objectives; rep. of a conference, Feb. 13-15, 1958. The council '58 p52-70 annot

National council of women of the United States. Intergroup relations in the United States; a comp. of source materials and service organizations; prepared by Regina Andrews. The council '56 p 18-34 annot

Rodd, W. G. Cross-cultural study of Taiwan's schools. *J Social Psychol* 50:34-6 Ag '59**Periodicals**

National council of women of the United States. Intergroup relations in the United States; a comp. of source materials and service organizations; prepared by Regina Andrews. The council '56 p 14-17 annot

INTERINDUSTRY economics

Chenery, Hollis B. and Clark, Paul G. Inter-industry economics. Wiley '59 incl bibliog

Rasmussen, Poul Nørregaard. Studies in inter-sectoral relations. (Copenhagen. Håndelsøjskolen. Skriftrække B: 15) Hæck '56 p209-14

Riley, Vera, and Allen, Robert Loring. Inter-industry economic studies. (Johns Hopkins univ. Operations research office. Bibliographic reference ser, no4; Programming for policy decision, v2) Johns Hopkins press '55 280p

INTERIOR decoration

Angel, Juvenal Londoño. Careers in design, decoration, and commercial art. 2d ed rev & enl (Monograph no9) World trade '57 p26-8

Bjerkoe, Ethel Hall. How to decorate for and with antiques. Doubleday '59 p237-40

See also

Furniture

Rugs and carpets

INTERNAL combustion engines

India. Internal combustion engines research committee. Problems relating to the development of internal combustion engine industry in India; proceedings of the symposium held at the Indian inst. of science, Bangalore, Apr. 5-6, 1952. Council of scientific & industrial research '54 incl bibliog

Taylor, C. F. and others. Dynamics in the inlet system of a four-stroke single-cylinder engine. *Am Soc Mech Eng Trans* 77:1143 O '55*See also*

Airplane engines

Jet propulsion

INTERNAL security

Fleischman, Harry, and others. Security, civil liberties and unions. (Pub. no 31) Am. federation of labor; Congress of industrial organizations '56 p50-1 annot

Ransom, Harry Howe. Central intelligence and national security. Harvard univ. press '53 p233-56 annot

INTERNAL security—Continued

United States, Congress. Senate, Committee on the judiciary. Cumulative index to published hearings and reports of the subcommittee to investigate the administration of the Internal security act and other internal security laws of the Committee, 1951-1955. U.S. Gov. ptg. office '57 844p

See also

Loyalty oaths

INTERNATIONAL, Second

Joll, James. Second international, 1889-1914. Praeger '56 p 199-205

INTERNATIONAL agencies**Privileges and immunities**

King, John Kerry. International administrative jurisdiction, with special reference to the domestic laws and practices of the United States of America; a rep. of the Am. sec. of the Int. inst. of adm. sciences. Int. inst. of adm. sciences '52? p224-8

INTERNATIONAL agricultural cooperation

Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Die europäische zusammenarbeit auf dem gebiet der landwirtschaft unter besonderer berücksichtigung der tätigkeit internationaler und europäischer organisationen; mit einem einführenden bericht von Werner Schlebitz (et al.) (Aktuelle bibliog. des Europa-archivs, no 11) The institute '57 88p

INTERNATIONAL conferences. See Congresses and conventions**INTERNATIONAL cooperation**

Svenska unescorådet. Om internationellt samarbete; ett urval publikationer utgivna i Sverige och av UNESCO. (Sveriges allmänna biblioteksförnings småskrifter, no41) Biblioteksjänst '53 21p annot
—Supplement. (Sveriges allmänna biblioteksförnings småskrifter, no50) Biblioteksjänst '56 15p annot

See also

Economic planning, International
Education—International aspects
International agricultural cooperation
International geophysical year, 1957-1958
International organization
Internationalism
League of nations
Pan Americanism
United nations

Periodicals

Union of international associations. Directory of periodicals published by international organizations. 2d ed (Pub. no 162; Int. federation for documentation. Pub. no 318) The union '59 241p annot

INTERNATIONAL court of justice

Hague. International court of justice. Year-book 1954-1955[-1958-1959] (V9-13) Int. doc. service '55-'59 5v v9, p 117-79; v 10, p 111-76; v 11, p 137-200; v 12, p 122-52; v 13, p 127-95

INTERNATIONAL courts

Bos, Maarten. Les conditions du procès en droit international public. (Leyden. Rijksuniversiteit. Faculteit der rechtsgeleerdheid. Bibliotheca Visseriana, xix, 36) Brill '57 p325-9

See also

International court of justice

INTERNATIONAL economic relations

Behrman, Jack Newton, and Schmidt, Wilson Emerson. International economics; theory, practice, policy. Rinehart '57 incl bibliog annot

Ellsworth, Paul Theodore. International economy. rev ed Macmillan '53 incl bibliog

Magaud, Charles. L'économie mondiale et la nation; préf. de Maurice Byé. Soc. d'édition d'enseignement supérieur '54 p326-34

Peck, Henry Austin. International economics. Crowell '57 incl bibliog

See also

Balance of payments
Russia—Foreign economic relations
United States—Foreign economic relations

INTERNATIONAL education. See Education—International aspects**INTERNATIONAL federation**

See also

International organization

INTERNATIONAL finance. See Finance, International**INTERNATIONAL geophysical year, 1957-1958**

IGY bibliographic notes. See numbers of American geophysical union. Transactions Simmons, M. P. I-G-Y means knowledge. School Sci & Math 58:41-3 Ja '58

United States. Library of Congress. Science and technology division. Interim bibliography on the International geophysical year; a joint project of the Lib. of Congress, the Nat. acad. of sciences (and) the Nat. science foundation. Nat. acad. of sciences '58 56p

United States. National science foundation. Bibliography for the International geophysical year; comp. by Lee Anna Embrey [and others] U.S. Gov. ptg. office '57 51p

INTERNATIONAL labor organization

International labor office. Library. Recent references to the International labour organisation, 1954-1957. Références récentes sur l'Organisation internationale du travail, 1954-1957. (Bibliog. reference list no84) The library '57 18p

INTERNATIONAL language. See Language, Universal**INTERNATIONAL law**

Andrassy, Juraj. Međunarodno pravo. 2d ed Skolska knjiga '54 incl bibliog

Bibliographische und dokumentarische hinweise. See numbers of Zeitschrift für ausländisches öffentliches recht und völkerrecht

Bowett, D. W. Self-defense in international law. Praeger '58 p276-87

Calvez, Jean Yves. Droit international et souveraineté en U.R.S.S.; l'évolution de l'idéologie juridique soviétique depuis la Révolution d'octobre. (Fondation nat. des sciences politiques, Cahiers, 48) Colin '53 p281-96

Castanos, Stellos. Critique du droit international public moderne. Recueil Sirey '53 p 107-9

Cheng, Bin. General principles of law, as applied by international courts and tribunals; with a foreword by Georg Schwarzenberger. (Lib. of world affairs, no21) Stevens '53 p409-38

Gould, Wesley Larson. Introduction to international law. Harper '57 p739-63

Periodical literature of international law and relations. See numbers of American journal of international law

Schwarzenberger, Georg. International law; v 1. International law as applied by international courts and tribunals: I. [sel. bibliog. by B. Cheng and L. C. Green] 3d ed Stevens '57 p683-775

Selected bibliography. See numbers of International organization

Shea, Donald R. Calvo clause; a problem of inter-Am. and int. law and diplomacy. Univ. of Minn. press '55 p291-306

Singh, Nagendra. Nuclear weapons and international law; pub. under the auspices of the Indian council of world affairs, New Delhi. Praeger '59 p261-2

Svarlien, Oscar. Introduction to the law of nations. (McGraw-Hill ser. in political science) McGraw '55 p447-56

Verdross, Alfred. Völkerrecht. 3d rev & enl ed (Rechts- und staatswissenschaften, 10) Springer '55 incl bibliog

—Same. 4th rev & enl ed (Rechts- und staatswissenschaften, 10) Springer '59 incl bibliog

Völkerrecht, internationale beziehungen, zeitgeschichte; gemeinsamer katalog des Arbeitskreises der deutschen institute für völkerrecht, internationale beziehungen und zeitgeschichte. International public law, international affairs, and contemporary history; joint catalogue of German institutes. Metzner '57 127p

Wright, Quincy. Contemporary international law; a balance sheet. (Doubleday short studies in political science, 12) Doubleday '55 p62-5

Zeitschriftensschau. See numbers of Zeitschrift für ausländisches öffentliches recht und völkerrecht

See also

Aeronautics—Laws and regulations
Aggression (international law)
Airspace (international law)
Arbitration, International
Asylum. Right of
Boundaries
International courts

INTERNATIONAL law—*Continued*

International offenses
 International organization
 International relations
 Jurisdiction
 Labor laws and legislation, International
 League of nations
 Mandates
 Maritime law
 Military occupation
 Nationalism and nationality
 Passports
 Recognition (international law)
 Refugees
 Servitudes (international law)
 Sovereignty
 State succession
 Treaties
 United nations
 War (international law)

INTERNATIONAL law, Private

Zaphiriou, G. A. Transfer of chattels in private international law; a comparative study. (London. Univ. Inst. of advanced legal studies. Legal ser. 4) De Graff '56 p221-4

INTERNATIONAL offenses

Glaser, Stefan. Introduction à l'étude du droit international pénal; foreword by A. L. Goodhart. Bruylant '54 p 181-93

INTERNATIONAL organization

Claude, Inis L. Swords into plowshares: the problems and progress of international organization. Random house '56 incl bibliog
 Goodspeed, Stephen S. Nature and function, of international organization. Oxford '59 p625-40
 Great Britain. Stationary office. Government publications; catalogue; 1955[-1958] supplement: International organisations. H.M.S.O. '56-'59 4v
 Reuter, Paul. International institutions; tr. by J. M. Chapman. (Minerva ser. of students' handbks) Rinehart '58 p305-10
 Review of documents, periodicals and books. See numbers of International social science bulletin
 Salmon, Jean. Le rôle des organisations internationales en matière de prêts et d'emprunts; problèmes juridiques. Role of international organisations in relation to international loans; juridical problems. (Carnegie endowment for int. peace, European center. Prizes in int. organization) Praeger '58 p347-54
 Selected bibliography. See numbers of International organization
 Speeckaert, George Patrick. International institutions and international organization; a sel. bibliography. Union of int. associations '56 116p
 —Same; with title: Les organismes internationaux et l'organisation internationale; bibliog. sélective. (Pub. no 150; Int. federation of doc. Pub. no290) Union of int. assns. '56 116p
 Zemanek, Karl. Das vertragsrecht der internationalen organisationen. (Rechts- und staatswissenschaften, 15) Springer '57 p 149-56

See also

European federation
 International cooperation
 League of nations
 North Atlantic treaty organization
 United nations

Regional organization

Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Deutsches und ausländisches schrifttum zu den regionalen sicherheitsvereinbarungen, 1945-1956. (Aktuelle bibliog. des Europa-archivs no 14) The institute '57 64p
 Padelford, N. J. Selected bibliography on regionalism and regional arrangements. Int Organ 10:575-603 N '56

INTERNATIONAL payments, Balance of. See Balance of payments

INTERNATIONAL refugee organization

Holborn, Louise. Wilhelmine. International refugee organization, a specialized agency of the United nations: its history and work, 1946-1952. Oxford '56 p775-82

INTERNATIONAL relations

Asher, Charles S. and others. Human relations in international administration; a sel. list of related readings; prepared for a Conference sponsored by Carnegie endowment for int. peace and World federation for mental health [at] La Tour-de-Peilz, Switzerland, 18-22 Feb. 1957. The endowment '57 8p annot
 Atwater, Elton, and others. World affairs; problems and prospects. (ACC political science ser) Appleton '58 incl bibliog annot
 Ball, Mary Margaret, and Killough, Hugh Baxter. International relations. Ronald '56 p599-620
 Beardsley, Seymour Willis, and Edgell, Alvin George. Human relations in international affairs; a guide to significant interpretation and research. Public affairs press '56 39p annot
 Blühdorn, Rudolf. Internationale beziehungen; einföhrung in die grundlagen der aussenpolitik. (Rechts- und staatswissenschaften, 14) Springer '56 p339-46
 Book reviews, notes and bibliography. See numbers of American political science review
 Canadian library association. Reference section. Canadian institute of international affairs; a brief list of reference sources; comp. by Dorothy B. Chatwin. (Occasional paper no 14) The association '58 18p
 Foreign policy association. Pamphlet advisory service. The association. See numbers thru 1957
 Gyorgy, Andrew, and Gibbs, Hubert Smith, eds. Problems in international relations; contributors: Henry L. Bretton [and others] Prentice-Hall '55 incl bibliog
 Haas, Ernst Bernard, and Whiting, Allen Suess. Dynamics of international relations. (McGraw Hill ser. in political science) McGraw '56 incl bibliog
 Hartmann, Frederick Howard. Relations of nations. Macmillan '57 p613-37
 International sociological association. Nature of conflict; studies on the sociological aspects of int. tensions; in collaboration with Jessie Bernard [and others] (Tensions and technology ser) UNESCO '57 p225-310 annot
 Mathisen, Trygve. Methodology in the study of international relations. Macmillan '59 p253-6
 Padelford, Norman Judson, and Lincoln, George Arthur. International politics; foundations of international relations. Macmillan '54 incl bibliog
 Palmer, Norman Dunbar, and Perkins, Howard Cecil. International relations; the world community in transition. 2d ed Houghton '57 incl bibliog
 Periodical literature of international law and relations. See numbers of American journal of international law
 Recent books on international relations. See numbers of Foreign affairs annot
 Roberts, Henry Lithgow, and others. Foreign affairs bibliography; a sel. and annot. list of bks. on int. relations, 1942-1952; pub. for the Council on foreign relations. Harper '55 727p
 Satow, Sir Ernest Mason. Guide to diplomatic practice; ed. by Sir Neville Bland. 4th ed Longmans '57 p489-94
 Schachter, Stanley. Psychology of affiliation; experimental studies of the sources of gregariousness. (Stanford studies in psychology, 1) Stanford univ. press '59 p 135-8
 Selected bibliography. See numbers of International organization
 Source material: public documents. See numbers of Foreign affairs
 Thibaut, John W. and Kelley, Harold H. Social psychology of groups. Wiley '59 p292-304
 Van Dyke, Vernon. International politics. (Appleton cent.-Crofts political science ser) Appleton '57 incl bibliog
 Van Dyke, Vernon. Some approaches and concepts used in the teaching of international politics; outlines stemming from a seminar on the teaching of international politics. State univ. of Iowa '57 incl bibliog
 Völkerrecht, internationale beziehungen, zeitgeschichte; gemeinsamer katalog des Arbeitskreises der deutschen institute für völkerrecht, internationale beziehungen und zeitgeschichte. Internationale public law, international affairs, and contemporary history; joint catalogue of German institutes. Metzner '57 127p

INTERNATIONAL relations—Continued

Waltz, Kenneth Neal. Man, the state, and war: a theoretical analysis. (Topical studies in int. relations) Columbia univ. press '59 p239-51

Weik, Mary Hays. Towards a new world; a bibliog. of United nations and world affairs. (World community ser, no7) Am. federation of world citizens '55 5p

World affairs: a foreign service reading list for 1957[-1959] Foreign Service J 34:42-51; 35:49-53; 36:40-8 O '57, O '58, O '59

Year book of world affairs, 1957[-1959] (V 11-13) Praeger '57-'59 3v incl bibliog

See also

Diplomacy
Diplomatic and consular service
Geopolitics
International cooperation
International economic relations
International law
International organization
Isolationism
League of nations
Monroe doctrine
Peace
Refugees
Security, International
Treaties
United nations
World politics

Bibliography

United States. Library of Congress. General reference and bibliography division. Guide to bibliographic tools for research in foreign affairs; comp. by Helen F. Conover. The division '56 145p

—Same, 2d ed with supplement. The division '58 145, 15p

History

Renouvin, Pierre. Le XIX^e siècle. (Histoire des relations internationales, v5-6) Hachette '54-'55 2v incl bibliog

Research

Gange, John. University research on international affairs. (Studies in univs. and world affairs) Am. council on education '58 p 134-41 annot

INTERNATIONAL security. See Security, International

INTERNATIONAL trade regulation. See Foreign trade regulation

INTERNATIONAL trusteeships

Chowdhuri, Ramendra Nath. International mandates and trusteeship systems: a comparative study; with foreword by A. J. P. Tammes. Nijhoff '55 p310-19

Murray, James N. United Nations trusteeship system. (Ill. studies in the social sciences, v40) Univ. of Ill. press '57 p274-7

Toussaint, Charmian Edwards. Trusteeship system of the United nations. (Lib. of world affairs, no33) Praeger '56 p263-74

INTERNATIONALISM

Schüddekopf, Otto Ernst. Die internationale schulbucharbeit; eine bibliog, 1918-1955. (Int. jahrbuch für geschichtsunterricht, 1956) Limbach '57? p2-84

—1. fortsetzung, Apr. 1955-1957. (Int. jahrbuch für geschichtsunterricht, 1957) Limbach '58? p210-31

See also

Education—International aspects

INTERMENT camps. See Concentration camps

INTERNODES (plant) See Stems (plants)

INTERPERSONAL relations

Heider, Fritz. Psychology of interpersonal relations. Wiley '58 p303-11

Schutz, William C. FIRO: a three-dimensional theory of interpersonal behavior. (Rinehart bks. in the assessment of personality) Rinehart '58 p249-53

Tagiuri, Renato, and Petruccio, Luigi, eds. Person perception and interpersonal behavior. Stanford univ. press '58 incl bibliog

INTERPLANETARY voyages

Nelson, Albert Francis Joseph Horatio Nelson, 6th earl. There is life on Mars. Citadel '56 p 143-5

See also

Space flight

INTERPRETATIVE reading. See Oral interpretation

INTERSEXUALITY

Mintz, B. and Wolff, E. Development of embryonic chick ovarian medulla and its feminizing action in intracoelomic grafts. J Exp Zool 126:526-7 Ag '54

Widmaier, R. Untersuchungen an intersexuellen ziegenlammern im Hinblick auf die Unfruchtbarkeit der Böcke. Halle Univ Wiss Z Math Naturw Reihe 6:95-6 F '57

See also

Hermaphroditism

INTERSTATE commerce

Norton, Hugh Stanton. Highway transportation barriers in 20 states. (U.S. Agricultural marketing service. Marketing research rep. no 157) U.S. Gov. ptg. office '57 p38-40

United States. Superintendent of documents. Interstate commerce. (Price list 59, 41st ed) U.S. Gov. ptg. office '59 14p

See also

Trade regulation

INTERSTELLAR voyages. See Interplanetary voyages

INTERVERTEBRAL disk

Spurling, Roy Glen. Lesions of the cervical intervertebral disc. (Am. lecture ser, pub. no301) Thomas '56 p 112-16

INTERVIEWING

Balinsky, Benjamin, and Burger, Ruth. Executive interview; a bridge to people. Harper '59 p 199-204

Bingham, Walter Van Dyke, and Moore, Bruce Victor. How to interview; 4th rev. ed. prepared with the collaboration of John W. Gustad. Harper '59 incl bibliog

Kahn, Robert Louis, and Cannell, Charles F. Dynamics of interviewing; theory, technique, and cases. Wiley '57 p353-9

Mandell, Milton Michael, and others. Employment interviewing. (Personnel methods ser, no5) U.S. Civil service comm. '56 p 101-3

Tremblay, M. A. Key informant technique: a nonethnographic application. Am Anthrop 59:699-701 Ag '57

INTESTINES

Estrada, Roberto L. Anomalies of intestinal rotation and fixation, including mesentericoparietal hernias. Thomas '58 p 130-9

Bacteriology

Larson, N. L. and Hill, E. G. Intestinal microflora of young swine obtained by hysterectomy. J Animal Sci 14:686-7 Ag '55

Diseases

Chérigüé, Edouard, and others. L'intestin grêle, normal et pathologique; étude clinique et radiologique. Expansion scientifique française '57 p493-561

Hertzberg, Johan. Jejunitis acuta. (Sup 194) Acta chirurgica scandinavica '54 p 165-70

See also

Diarrhea

Obstructions

Cantor, Meyer O. and Reynolds, Roland P. Gastro-intestinal obstruction; contributors: Clifford D. Benson [and others] Williams & Wilkins '57 p509-47

Koskinen, Erkki Veikko Sakari. Cytology of the liver in ileus; a study based on liver biopsies. (Sup200) Acta chirurgica scandinavica '55 p82-6

Occlusion intestinale, par P. Alexandre [et al] Doin '53 incl bibliog

Wangensteen, Owen Harding. Intestinal obstructions; physiological, pathological, and clinical considerations with emphasis on therapy, incl. description of operative procedures. 3d ed Thomas '55 incl bibliog

Welch, Claude E. Intestinal obstruction. Year bk. pub. '58 p350-66

Radiography

Chérigüé, Edouard, and others. L'intestin grêle, normal et pathologique; étude clinique et radiologique. Expansion scientifique française '57 p493-561

Porcher, Pierre, and others. Radiologie clinique de l'intestin grêle de l'adulte et de l'enfant (occlusion aiguë de l'adulte exceptée) préf. de Paul Savy. Masson '54 incl bibliog

Surgery

Occlusion intestinale, par P. Alexandre [et al] Doin '53 incl bibliog

See also

Appendicitis

Hernia

Intestines—Obstructions

- INTOCOSTRIN.** See Curare
- INTOLERANCE.** See Religious liberty
- INTOXICATION.** See Alcoholism
- INTRACRANIAL tumors**
Lund, Mogens. Epilepsy in association with intracranial tumour. (*Acta psychiatrica et neurologica scandinavica*, sup no81) Munksgaard '52 p 133-49
- INTRUSION (geology)**
See also
Magmas
Rocks, Igneous
- INTUITION (psychology)**
Hathaway, S. R. Clinical intuition and inferential accuracy. *J Personality* 24:249-50 Mr '56
- INVALIDS.** See Sick, The
- INVARIANTS, Differential.** See Differential invariants
- INVENTIONS**
Nelson, Richard R. Invention, research and development; a survey of the literature. (Research memorandum 2146) Rand corp. '58 65p
Stewart, B. Role of invention in society. *Sci Educ* 42:77-8 F '58
See also
Patents
- INVENTORIES**
Arrow, Kenneth Joseph, and others. Studies in the mathematical theory of inventory and production; with contributions by Martin J. Beckmann [and others] (Stanford mathematical studies in the social sciences, 1) Stanford univ. press '58 p337-40
International chamber of commerce. Are you buying and stocking efficiently? modern trends in stock and purchase controls; rep. of the Comm. on distribution. The chamber '56 p 14-16
- INVENTORS**
Fuller, Edmund. Tinkers and genius; the story of the Yankee inventors. (Am. procession ser) Hastings house '55 p305-6
- INVERTEBRATES**
Berradaile, Lancelot Alexander, and Potts, P. A. Invertebrata; a manual for the use of students; with chapters by L. E. S. Eastham and J. T. Saunders; 3d ed. rev. by G. A. Kerkut. Cambridge '58 p740-63 annot
Chapman, G. Hydrostatic skeleton in the invertebrates. *Cambridge Philos Soc Biol R* 33:368-70 Ag '58
Fisher, L. R. and Kon, S. K. Vitamin A in the invertebrates. *Cambridge Philos Soc Biol R* 34:31-6 F '59
Hodgson, E. S. Problems in invertebrate chemoreception. *Q R Biol* 30:344-7 D '55
Jørgensen, C. B. Quantitative aspects of filter feeding in invertebrates. *Cambridge Philos Soc Biol R* 30:446-54 N '55
Sailer, R. I. Invertebrate research in Alaska. *Arctic* 7 no3:272-4 '54
Scheer, Bradley Titus, and others, eds. Recent advances in invertebrate physiology; a symposium sponsored by the Nat. science foundation, the Tektronix foundation [and] the Univ. of Oregon. Univ. of Ore. pubs. '57 incl bibliog
Studies in invertebrate morphology; pub. in honor of Dr Robert Evans Snodgrass on the occasion of his 84th birthday, July 5, 1959. (Smithsonian misc. colls, v 137) Smithsonian inst. '59 incl bibliog
Wagstaffe, Reginald, and Fidler, John Have-lock, eds. Preservation of natural history specimens. *Philosophical lib.* '55 incl bibliog
Wieser, W. Effect of grain size on the distribution of small invertebrates inhabiting the beaches of Puget sound. *Limnol & Oceanog* 4:193-4 Ap '59
See also
Arachnida
Arthropoda
Brachiopoda
Bryozoa
Crustacea
Insects
Mollusks
Myriapoda
Protozoa
Sponges
- INVERTEBRATES, Fossil**
Ballard, Ted William. North American fossil reefs. *Hewtex pub. co.* '54 p91-362
- Emerson, William K. Pleistocene invertebrates from Punta China, Baja California, Mexico; with remarks on the composition of the Pacific coast quaternary faunas. (*Bul. v 111, article 4*) Am. museum of natural history '56 p340-2
- Joint committee on invertebrate paleontology. Treatise on invertebrate paleontology; directed and ed. by Raymond C. Moore. Geological soc. of Am; Univ. of Kan. press '55-'59 8v
- Stephenson, Lloyd William. Larger invertebrate fossils of the Woodbine formation (cenomanian) of Texas; with decapod crustaceans from the Woodbine formation of Texas, by H. B. Stenzel. (U.S. Geological survey. Professional paper 242) U.S. Gov. pgt. office '52 p44-50
- INVESTIGATIONS**
New York (city). Public library. Municipal reference library. Investigator; bibliog. comp. by August La Rocco. The library '56 5p
- INVESTIGATIONS, Government.** See Government investigations
- INVESTMENT banking**
Investment bankers association of America. Selected textbooks on investment banking and related subjects suitable for investment banking trainees. The association '5-? 4p
- INVESTMENT casting.** See Precision casting
- INVESTMENT companies**
Cam, G. A. Survey of the literature on investment companies, 1864-1957. *N Y Pub Lib Bul* 62:57-74 F '58
Harris, A. D. Investment companies. *Bsns Lit* 31:3-6 Q '58 annot
- INVESTMENTS**
Allocation of economic resources; essays in honor of Bernard Francis Haley, by Moses Abramovitz [and others] (Stanford studies in history, economics and political science, 17) Stanford univ. press '59 incl bibliog
Clendenin, John C. Introduction to investments. 2d ed McGraw '55 incl bibliog
Cooper, Robert Uish. Investments for professional people. rev ed Macmillan '59 p311-15
Dieterlen, Pierre. L'investissement; observations de Tibor Scitovsky et Jacques Peyregas; bibliog. établie par Claude Zarka. (Bilans de la connaissance économique, 6) Rivière '57 p267-349
Feyler, Sherman F. Income growth with security; the formula-plan solution. Macmillan '58 p 131-3
Investment information services and sources. *Bsns & Tech Sources* 29:16-19 Ja '58
—Supplement; Periodicals and bulletins. Cleveland pub. lib. '58 2p
Markowitz, Harry Max. Portfolio selection; efficient diversification of investments. (Yale univ. Yale dept. of economics, Cowles foundation for research in economics. Monograph, 16) Wiley '59 p305-7
Meyer, John R. and Kuh, Edwin. Investment decision; an empirical study. (Harvard univ. Harvard economic studies, v 102) Harvard univ. press '57 p269-77
Raphael, M. and Stone, E. H. Sources of investment information. *Bsns Lit* 29:130-1. 132-3. 134-5. 136-7 N '56-F '57 annot
Wolf, Charles, and Sufirin, Sidney Charles. Capital formation & foreign investment in underdeveloped areas; an analysis of research needs and program possibilities prepared from a study supported by the Ford foundation. (Syracuse univ. Maxwell graduate school of citizenship and public affairs. Maxwell school ser, 1) Syracuse univ. press '55 p 69-117 annot
—Same. rev ed (Syracuse univ. Maxwell graduate school of citizenship and public affairs. Maxwell school ser, 1) Syracuse univ. press '58 p69-124 annot
See also
Securities
Stock exchange
Stocks
- INVESTMENTS, Foreign**
Wolf, Charles, and Sufirin, Sidney Charles. Capital formation & foreign investment in underdeveloped areas; an analysis of research needs and program possibilities prepared from a study supported by the Ford foundation. (Syracuse univ. Maxwell graduate school of citizenship and public affairs. Maxwell school ser, 1) Syracuse univ. press '55 p69-117 annot
—Same. rev ed (Syracuse univ. Maxwell graduate school of citizenship and public affairs. Maxwell school ser, 1) Syracuse univ. press '58 p69-124 annot

IODINE

- Chilean iodine educational bureau, London. Geochemistry of iodine, iodine in rocks, minerals and soils; annot. bibliog, 1825-1954, with review and tables. The bureau '56 150p
- Chilean iodine educational bureau, London. Micro-determination of iodine in biological materials, with select bibliography. The bureau '58 p29-38
- Cook, G. B. and others. Production and clinical applications of ^{131}I . Int J Ap Rad & Isotopes 1:93 J1 '56
- Current iodine literature. Chilean iodine educational bur. London. See numbers
- Iodine abstracts and reviews. Chilean iodine educational bur. See numbers
- Isotopes

Einhorn, Jerzy. Studies on the effect of thyrotropic hormone on the thyroid function in man. (Sup 160) Acta radiologica '58 p99-107

IODINE compounds

Current iodine literature. Chilean iodine educational bur. London. See numbers

IODINE in the body

Limpel, L. E. and Casida, J. E. Iodine metabolism in insects. J Exp Zool 135:26-7: 136:612-13 Je. D '57

ION exchange

American society for testing materials. Symposium on ion exchange and chromatography in analytical chemistry [papers] presented at the 59th annual meeting [of the] Society, Atlantic City, N.J., June 18, 1956. (Special technical pub. no 195) The society '58 p 10. 22-5

Carroll, D. Ion exchange in clays and other minerals. Geol Soc Am Bul 70:773-9 Je '59

Cunningham, William Aaron, and Mills, William Carlos. Deionization of water for ice manufacture. (Engineering research ser, no46) Bur. of engineering research, Univ. of Tex. '56 p52-3

Kunin, Robert. Ion exchange resins. 2d ed Wiley '58 p411-44

Kunin, R. and others. Ion exchange. Anal Chem 28:733-5; 30:684-6 Ap '56, Ap '58

Kunin, R. and others. Ion exchange. Ind & Eng Chem 47:571-5; 48:544-6; 49:511-13; 50: 461-2; 51:376-7 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

McCorquodale, D. J. and Duncan R. E. Plant growth inhibitions by certain imidazole compounds and their preventions with metal ions. Am J Bot 44:722 O '57

Millar, J. R. Some aspects of chelating and complexing resins. Chem & Ind no20:609-12 My 18 '57

Nishita, H. and others. Influence of soil organic matter on material uptake by barley seedlings. Soil Sci 82:317-18 O '56

Roem, E. S. Uptake of rubidium and phosphate ions by polysaccharide-producing bacteria. J Bact 70:700-1 D '55

See also

Plants—Ion exchange

IONIZATION

United States. National bureau of standards. Design of free-air ionization chambers, by H. O. Wyckhoff and F. H. Attix. (Handbk. 64) U.S. Gov. ptg. office '57 p 15-16

See also

Hydrogen ion concentration

Ion exchange

IONOSPHERE. See Atmosphere, Upper

IONS

Burris, Conrad Timothy. Effect of hydrostatic pressure on the rates of ionic reactions. Catholic univ. of Am. press '55 p43-5

Hicks, W. W. Air ion generation, separation, metering and physiological effects. Franklin Inst J 261:216-17 F '56

McDonald, Hugh Joseph, and others. Ionography; electrophoresis in stabilized media. Year bk. pub. '55 p202-44

Osborn, George Howard. Synthetic ion-exchangers; recent developments in theory and application. Macmillan '56 p 88-191

See also

Cations

Electrons

IOWA

History

Historical publications. See numbers of Iowa journal of history

Politics and government

Ross, Russell Marion. Government and administration of Iowa. (Am. commonwealth ser, v 13) Crowell '57 p365-72

IQBAL, Muhammad. See Muhammad, I.

IRAN

Spuler, Bertold. Iran in früh-islamischer zeit; politik, kultur, verwaltung und öffentliches leben zwischen der arabischen und der seldschukischen eroberung, 633 bis 1055. (Akad. der wissenschaften und der literatur. Mainz. Orientalische komm. Veröffentlichungen, v2) Steiner '52 p532-94

Vreeland, Herbert Harold, ed. Iran; contributors: Clifford R. Barnett [and others] (Country survey ser, 3) Human relations area files '57 p321-7

Foreign relations

United States

Yeselson, Abraham. United States-Persian diplomatic relations, 1883-1921. Rutgers univ. press '56 p238-43

History

Lockhart, Laurence. Fall of the Savafi dynasty and the Afghan occupation of Persia. Cambridge '58 p545-64

Spuler, Bertold. Iran in früh-islamischer zeit; politik, kultur, verwaltung und öffentliches leben zwischen der arabischen und der seldschukischen eroberung, 633 bis 1055. (Akad. der wissenschaften und der literatur, Mainz. Orientalische komm. Veröffentlichungen, v2) Steiner '52 p532-94

Social life and customs

Massé, Henri. Persian beliefs and customs; tr. from the French by Charles A. Messner. (Behavior science trs) Human relations area files '54 p517-26

IRANIAN languages

See also

Kurdish language

Old Persian language

IRAQ

Boxer, Rosemary. Bibliography of material on the development of modern Iraq; incl. bks, pamphlets, reps, and articles. Rabita press '53? 47p

Grassmuck, G. Selected materials on Iraq and Jordan: the development of political documentation. Am Pol Sci R 51:1067-90 D '57

Harris, George Lawrence, and others. Iraq: its people, its society, its culture. (Survey of world cultures) HRAF press '58 p331-8

Johns Hopkins university. School of advanced international studies. Washington, D.C. Area handbook on Iraq; general ed: Majid Khadduri, prelim ed (Subcontractor's monograph. HRAF-58) Human relations area files '56 incl bibliog

Longrigg, Stephen Hemsley, and Stoakes, Frank. Iraq. (Nations of the modern world ser) Praeger '59 p254-6

Marinucci de' Reguardati, Costanzo. Iraq. Centro per le relazioni italo-arabe '55-'56 2v, v2. p525-46

Economic conditions

Adams, Doris Goodrich. Iraq's people and resources. (Calif. Univ. Pubs. in economics, v 18) Univ. of Calif. press '58 p 151-5

History

Longrigg, Stephen Hemsley. Iraq, 1900 to 1950; a political, social, and economic history. Oxford '53 p401-12

IRELAND

Alden, John Eliot. Bibliographica hibernica; additions and corrections to Wing. Bibliog. soc. of the Univ. of Va. '55 39p

Bibliographia hibernica. Hodges Figgis. See numbers

Inglis, Brian. Story of Ireland. Roy pubs. '58 p259-62 annot

Antiquities

Council for British archaeology. London. Archaeological bibliography for Great Britain & Ireland, 1950-1951[-1955] The council '54-'57 4v

De Paor, Máire, and De Paor, Liam. Early Christian Ireland. (Ancient peoples, v8) Praeger '58 p 187-95

Economic history

List of publications on the economic history of Great Britain and Ireland. Econ Hist R s2 8:471-86; 9:520-4; 10:510-30 Ap '56, Ap '57, Ap '58

IRELAND—Continued

Famines

- Edwards, Robert Dudley, and Williams, Thomas Desmond, eds. Great famine; studies in Irish history 1845-52. N.Y. univ. press '57 p499-509

History

- Chauviré, Roger. Short history of Ireland; tr. by the Earl of Wicklow. Devin-Adair '56 p 139-45
- Edwards, Robert Dudley, and Williams, Thomas Desmond, eds. Great famine; studies in Irish history 1845-52. N.Y. univ. press '57 p499-509
- Gallagher, Frank. Indivisible island; the history of the partition of Ireland. Citadel '57 p307-8
- MacCartney, D. Writing of history in Ireland. 1800-50. Irish Hist Stud 10:347-62 S '57
- Research on Irish history in British and American universities, 1953-1954[-1955-1956]. Irish Hist Stud 9:83-5; 10:225 Mr '54, S '56
- Research on Irish history in Irish universities, 1954[-1958-1959]. Irish Hist Stud 9:339-41; 10:101-3, 325-7; 11:46-8, 223-5 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Reviews. See numbers of Irish historical studies
- Writings on Irish history, 1954[-1958]. Irish Hist Stud 9:443-62; 10:200-24, 392-413; 11:134-56, 317-36 S '55, S '56, S '57, S '58, S '59

Intellectual life

- Flanagan, Thomas. Irish novelists, 1800-1850. Columbia univ. press '59 p343-51

Politics and government

- Bromage, Mary C. De Valera, and the march of a nation. Noonday '56 p303-12

Religion

See also

- Catholic church in Ireland

IRENAEUS, Saint, 125-203

- Wingren, Gustaf. Man and the incarnation; a study in the biblical theology of Irenaeus; tr. by Ross Mackenzie. Muhlenberg press '59 p214-24

IRIS (eye)

- Kibler, Max, and Sterzing, Ludwig. Wert und unwert der irisdiagnose. Hippokrates-verlag '56 p94-7

IRISH in the United States

- Schrier, Arnold. Ireland and the American emigration, 1850-1900. Univ. of Minn. press '58 p 196-205
- Witke, Carl Frederick. Irish in America. La. State univ. press '56 p295-306

IRISH in Wisconsin

- McDonald, Sister Justille. History of the Irish in Wisconsin in the nineteenth century. Catholic univ. of Am. press '54 p299-308

IRISH literature

- Alden, John Elliot. Bibliographica hibernica; additions and corrections to Wing. Bibliog. soc. of the Univ. of Va. '55 39p

IRISH moss. See Carrageen

IRISH philology. See Celtic philology

IRON

- Abstracts and book notices. See numbers of Iron and steel institute. Journal
- Jernkontorets litteratüröversikt. Almqvist. See numbers
- Monypenny, John Henry Gill. Stainless iron and steel; with a foreword by F. C. Thompson. 3d ed rev Chapman '51-'54 2v incl bibliog
- Neilands, J. B. Some aspects of microbial iron metabolism. Bact R 21:109-11 Je '57
- Review of iron and steel literature for 1955[-1957]. Blast Furn & Steel Plant 44:498-500+, 648-50+, 45:400-3+, 501-2+, 46:984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-MY '57, S-N '58 annot
- Shaw, H. L. Iron and mild steels. Ind & Eng Chem 47:1985 S '55
- Strong, H. M. Experimental fusion curve of iron to 96,000 atmospheres. J Geophys Res 64:659 Je '59

Verein deutscher eisenhüttenleute. Werkstoff-handbuch Stahl und eisen; hrsg. vom Verein deutscher eisenhüttenleute, mit dem Werkstoffausschuss des vereins und zahlreichen fachgenossen, bearb. von Karl Daevs. 3d new rev ed Verlag Stahleisen '53 incl bibliog

See also

- Bacteria. Effect of iron on
- Cast iron
- Plants—Iron content
- Plants, Effect of iron on
- Soils—Iron content
- Steel

Corrosion

- Boehm, Mary Jo. Corrosion products of iron and steel; a sel. bibliog. survey with abstracts. (Bibliog no3) U.S. Naval research laboratory '55 24p

Metallurgy

- Abstracts and book notices. See numbers of Iron and steel institute. Journal
- Beeghly, H. F. Ferrous metallurgy. Anal Chem 27:613-14; 29:641-3; 31:711-12 Ap '55, Ap '57, Ap '59
- Iron and steel translations, 1957/58. British iron & steel industry tr. service '59 13p
- Philbrook, William O. Bibliography of model and pilot-plant applications in ferrous metallurgy, 1945-56. (Information circ. 7851) U.S. Bur. of mines '58 14p
- Review of iron and steel literature for 1955 [-1957]. Blast Furn & Steel Plant 44:498-500+, 648-50+, 45:400-3+, 501-2+, 46:984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-MY '57, S-N '58 annot
- Saint Germain-en-Laye. Institut de recherches de la sidérurgie. Listes des publications de l'IRSID. Centre de documentation sidérurgique '55 20p
- United States steel corporation. Research and technology division. Annotated list of publications, 1929 through 1955. The division '56 55p

Protection

See Corrosion and anti-corrosives

IRON age

See also

- Hallstatt period

IRON alloys

- Grange, R. A. and others. Boron, calcium, columbium, and zirconium in iron and steel. (Alloys of iron research. New monograph ser) Wiley '57 p395-414
- Luce, W. A. and Peacock, J. H. Stainless steels and other ferrous alloys. Ind & Eng Chem 48:1786-7; 49:1651-2; 50:1487-8 S '56, S '57, S '58

IRON founding

- Abstracts from foundry literature. See numbers of British cast iron research association. Bulletin

- Additions to the Library. See numbers of British cast iron research association. Bulletin

See also

- Cast iron

IRON in the body

- Matrone, G. and others. Study of iron and copper requirements of dairy calves. J Dairy Sci 40:1446-7 N '57

- Ullrey, D. E. and others. Oral and parenteral administration of iron in the prevention and treatment of baby pig anemia. J Animal Sci 18:263 F '59

- Symposium on iron in clinical medicine. University of California. School of medicine. 1957. Iron in clinical medicine; ed. by Ralph O. Wailerstein [and] Stacy R. Mettler. Univ. of Calif. press '58 incl bibliog

IRON industry and trade

- Review of iron and steel literature for 1955 [-1957]. Blast Furn & Steel Plant 44:498-500+, 648-50+, 45:400-3+, 501-2+, 46:984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-MY '57, S-N '58 annot

See also

- Cast iron
- Rolling mills
- Steel industry and trade

Great Britain

- Roepke, Howard G. Movements of the British iron and steel industry, 1720 to 1951. (Ill. Univ. Ill. studies in the social sciences, v36) Univ. of Ill. press '56 p 191-3

IRON ores

- Alexandrov, E. A. Contribution to studies of origin of Precambrian banded iron ores. *Econ Geol* 50:467-8 Ag '55
- Carroll, D. Role of clay minerals in the transportation of iron. *Geochimica & Cosmochimica Acta* 14:26-8 Ag '58
- Hough, J. L. Freshwater environment of deposition of pre-Cambrian banded iron formations. *J Sed Petrol* 28:423-30 D '58
- Huber, N. K. Environmental control of sedimentary iron minerals. *Econ Geol* 53:139-40 Mr '58
- Huber, N. K. Some aspects of the origin of the Ironwood iron-formation of Michigan and Wisconsin. *Econ Geol* 54:116-18 Ja '59
- Iron ore in Canada; a symposium. *Can Min & Met Bul* 48:216-17, 219, 221, 223 Ap '55
- Jolliffe, A. W. Geology and iron ores of Steep Rock Lake. *Econ Geol* 50:397-8 Je '55
- Jones, A. A. Underground mining in the Frodingham ironstone. *Inst Min & Met Trans* 65:271-2 '55-'56
- Luttrell, Gwendolyn W. Bibliography of iron ore resources of the world (to January 1955) contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-D) U.S. Gov. ptg. office '57 371p
- Roe, Lawrence A. Iron ore beneficiation. Minerals pub. co. '57 incl bibliog
- United States. Geological survey. Bibliography on iron ore: publications of the Survey. The survey '56 52p

See also

Magnetite

IRON sulfides

- Friedman, G. M. Samreid Lake sulfide deposit, Ontario, an example of pyrrhotite-pyrite iron formation. *Econ Geol* 54:283-4 Mr '59
- Lepp, H. Synthesis and probable geologic significance of melnikovite. *Econ Geol* 52:535 Ag '57

See also

Smythite

IRONWORK

- Lister, Raymond. Decorative wrought iron-work in Great Britain. *Branford* '57 p245-56 annot

IROQUOIAN Indians

See also

Cherokee Indians

IRRADIATION

- Glen, J. W. Survey of irradiation effects in metals. *Advances Phys* 4:465-77 O '55

IRRIGATION

- Arizona watershed program, Recovering rainfall; more water for irrigation. The program '56 2v incl bibliog
- Bibliography of irrigation, drainage, river training and flood control, 1954-1956[1957] Int. comm. on irrigation and drainage '58-'59 2v
- Bradley, G. A. and Pratt, A. J. Response of potatoes to irrigation at different levels of available moisture. *Am Potato J* 31:310 O '54
- Davis, Elizabeth Gould, and others. Economics of irrigation in the eastern United States; a list of annot. references. (Lib. list no66) Lib. U.S. Dept. of agriculture '58 68p
- Houk, Ivan Edgar. Irrigation engineering. Wiley '51-'56 2v incl bibliog
- India. Central board of irrigation and power. Abstracts. The board. See numbers
- Lambeth, Victor Neal. Studies in moisture relationships and irrigation of vegetables. (Research bul. 605) Agricultural experiment station, Univ. of Mo. '56 p53-5
- Mason, Howard G. and Wood, Garland. New lands from ground-water development. (Bul. 194) Agricultural experiment station, Univ. of Nev. '57 p27-9
- Stewart, Clyde E. and Huffman, Roy E. Resource needs and income potentials on newly irrigated family-operated farms, lower Marias project, Montana. (Bul. 521) Agricultural experiment station, Mont. state college '56 p86-90
- Topolanski, Eugenio M. Arroz y riego; viajes de observaciones por los Estados Unidos de Norte América. Inst. nacional de colonización '56 incl bibliog
- United States. Bureau of reclamation. Water measurement manual; a manual pertaining to measurement of water for irrigation projects; a reclamation manual specialist supplement. The bureau '53 p 135-7

United States. Superintendent of documents. Irrigation, drainage and water power. (Price list 42, 44th ed) U.S. Gov. ptg. office '57 18p

Wolf, E. R. and Palerm, A. Irrigation in the old Acolhua domain, Mexico. *Sw J Anthropol* 11:279-81 Fall '55

See also

Dry farming

IRVING, Washington, 1783-1859

Reichart, W. A. Earliest German translations of Washington Irving's writings; a bibliography. *N Y Pub Lib Bul* 61:491-8 O '57

IRVINGITES. See Catholic apostolic church

IRWIN, William Andrew Irwin, 1884-

Hobbs, Edward C. ed. Stubborn faith; papers on the Old Testament and related subjects presented to honor William Andrew Irwin. S.M.U. press '56 p 164-70

ISABELLA I, queen of Spain, 1451-1504

Ballesteros Gaibrois, Manuel. La obra de Isabel la Católica; con prólogo del Excmo. Sr. don Pascual Marín Pérez. (Pubs. históricas, no2, ser2: Monografías, no 1) Diputación provincial de Segovia '53 p411-34

ISAIAH, Book of. See Bible. Old Testament—Isaiah

ISAY, Rudolf, 1886-

Reimer, Eduard, ed. Beiträge zum wirtschaftsrecht; festschrift für Rudolf Isay zu seinem 70. geburtstag. Heymann '56 p335-9

ISLAM. See Mohammedanism

ISLAMIC art. See Art, Mohammedan

ISLANDIC and Norse literature

See also

Eddas

ISLANDS of Langerhans. See Pancreas

ISLANDS of the Baltic sea

Blüthgen, Joachim. Greifswalder Oie und Rügen; eine vergleichende studie zur inselkunde der Ostsee. (Petersmanns geographische mitteilungen. Sup. no248) Perthes '52 p68-70

ISLANDS of the Pacific

Michener, James A. and Day, A. Grove. Ras-cals in paradise. Random house '57 p355-60

Paramonov, S. J. Lord Howe island, a riddle of the Pacific. *Pac Sci* 12:89-91 Ja '58

See also

Melanesia
Micronesia
Oceania
Polynesia
South Sea islands

Religions

Leeson, Ida. Bibliographie des cargo cults et autres mouvements autochtones du Pacifique sud. (Doc. technique no30) Comm. du Pacifique sud '52 16p

ISOLATION (biology)

Brower, L. P. Speciation in butterflies of the papilio glaucus group. *Evolution* 13:63, 228 Mr-Je '59

ISOLATIONISM

Adler, Selig. Isolationist impulse; its twentieth cent. reaction. Abelson-Schuman '57 p478-510

ISOMERIZATION

Perry, S. F. Isomerization. *Ind & Eng Chem* 47:1893; 49:1533 S'55, S '57

ISOPOMETRICAL problems. See Calculus of variations

ISOTOPEs

Boer, Dirk Hendrik Willem den. Massaspectrometrische bepaling van bio-isotopen en enkele toepassing; Mass spectrometric determination of bio-isotopes and some applications. A. Osthoek '54 p67-9

Classified bibliography on the application of isotopes in pure and applied research. *Int J Ap Rad & Isotopes* 3 no1:46-77 '58

McCormick, J. A. Isotopes in biochemistry and biosynthesis of labeled compounds; a sel. list of references. (TID-3513) Technical information service extension. U.S. Atomic energy comm. '58 83p

McCormick, J. A. Isotope techniques in biological sciences; a sel. list of references. (TID-3512) Technical information service extension. U.S. Atomic energy comm. '58 44p

McCormick, J. A. Isotopes; a bibliog. of United States research and application, 1955-1957. (TID 3076) Technical information service, U.S. Atomic energy comm. '58 261p

ISOTOPES—*Continued*

Millett, R. J. Selected reading list on uses of isotopes and applied radiation. *Int J Ap Rad & Isotopes* 2 no3/4:287-94 '57

See also

Radioactive tracers

Tracers (chemistry)

also subhead Isotopes under the following headings

Carbon

Lead

Nitrogen

Oxygen

Phosphorus

Potassium

Strontium

Sulfur

Uranium

Zinc

Industrial applications

McCormick, J. A. Bibliography on uses of radioactive and stable isotopes in industry; a list of sel. references. (TID-3511) Technical information service extension. U.S. Atomic energy comm. '57 27p

Physiological effect

Advances in biological and medical physics. v31-61 Academic press '53-'58 4v incl bibliog

ISRAEL

American Zionist council. Selected and annotated bibliography on the state of Israel and the Zionist movement. The council '57 20p

Finbert, Elian J. Israël. (Les guides bleus) Hachette '55 p 102-6

Israel. Office of information. Facts about Israel, 1958. The office '58 p 158-60

Kerstein, S. American books on Israel and Zionism, 1952-1954[-1956-1957] (In: Jewish book annual, 1953-1955[-1957-1958] (V 12-15) Jewish bk. council of Am. '54-'57 4v v 12, p 104-7; v 13, p82-4; v 14, p94-6; v 15, p 109-11) annot.

Miller, Irving. Israel, the eternal ideal. Farrar, Straus '55 p 140-2

Palestine and Zionism, 1955[-1956] (V 10-11) Zionist archives & lib. '56-'58 2v

Wolff, Ilse Rosa. Israel. (Special subject lists, no20) Lib. assn. '57 7p

Zionist archives and library. Palestine and Zionism; a bibliog. of bks, pamphlets and periodicals. The archives. See numbers thru 1954

Zionist year book, 5715 (Sept. 1954-Sept. 1955). (V4) Zionist federation of Great Britain & Ireland '54 p 135-67

See also

Zionism

Civilization

Shumsky, Abraham. Clash of cultures in Israel; a problem for education. (Studies in education) Teachers college '55 p 165-70

Commerce

Boxer, Baruch. Israeli shipping and foreign trade. (Research paper no48) Dept. of geography, Univ. of Chicago '57 p 158-62

Constitutional history

Rackman, Emanuel. Israel's emerging constitution, 1948-51. Columbia univ. press '55 p 177-83

Constitutional law

Rackman, Emanuel. Israel's emerging constitution, 1948-51. Columbia univ. press '55 p 177-83

Foreign relations

Glick, Edward B. Latin America and the Palestine problem. Theodor Herzl foundation '58 p 182-96

History

Huebener, Theodore, and Voss, Carl Hermann. This is Israel; Palestine: yesterday, today and tomorrow. Philosophical lib. '56 p 163-5

Noth, Martin. History of Israel. Harper '58 p453-5

ITALIAN art. See Art, Italian

ITALIAN drama

Early to 1700

History and criticism

Fassò, Luigi. Teatro del seicento. (La letteratura italiana; storia e testi, v39) Ricciardi '56 incl bibliog

ITALIAN fiction

Luciani, V. Modern Italian fiction in America, 1929-1954. N Y Pub Lib Bul 60:12-34 annot Ja '56

ITALIAN language

Hall, Robert Anderson. Bibliografia della linguistica italiana. 2d rev ed (Biblioteca bibliog. italiana, 13-15) Sansoni '58 3v

Dialects

Wagner, Max Leopold. Historische wortbildungslehre des sardischen, von Max Leopold Wagner; zu seinem 70. geburtstag hrsg. von seinen freunden. (Romanica helvetica, v39) Francke '52 p xii-xvi

ITALIAN literature

Associazione italiana editori. Catalogo collettivo della libreria italiana, 1955; con indice alfabetico per autori e per case editrici. Società anonima per pubblicazioni bibliografico-editoriali '55 2v

Fucilla, Joseph Guerin. Saggistica letteraria italiana; bibliog. per soggetti: 1938-1952. (Contributi alla Biblioteca bibliog. italiana, 12) Sansoni '56 281p

Galletti, Alfredo. Il novecento; 3. ed. riv. e aumentata con sup. bibliog. a cura del Aldo Vallone. (Storia letteraria d'Italia 3/4 ed 10) Vallardi '51 51p (3d group)

Parenti, Marino. Rarità bibliografiche dell'ottocento; materiali e pretesti per una storia della tipografia italiana nel secolo diciannovesimo. 3d enl ed (Contributi alla Biblioteca bibliog. italiana 3, 13) Sansoni '53-'56 2v

See also

Italian fiction

History and criticism

Bibliography of Italian studies in America. See numbers of Italica annot

Falqui, Enrico. Bibliografia e iconografia del futurismo. (Contributi alla Biblioteca bibliog. italiana, no21) Sansoni '59 239p

Galletti, Alfredo. Il novecento; 3. ed. riv. e aumentata con sup. bibliog. a cura del Aldo Vallone. (Storia letteraria d'Italia 3/4 ed 10) Vallardi '51 51p (3d group)

Ramat, Raffaello. Orientamento bibliografico per lo studio della letteratura italiana. Ausonia '54 170p

Translations into English

Luciani, V. Modern Italian fiction in America, 1929-1954. N Y Pub Lit Bul 60:12-34 annot Ja '56

Translations into Serbo-Croatian

Čale, F. Bibliografia delle lettere italiane in Jugoslavia 1946-1955. Lett Mod 8:333-44 My '58

ITALIAN philosophy. See Philosophy, Italian

ITALIANS in the United States

Pisani, Lawrence Frank. Italian in America, a social study and history. (Exposition-univ. bk) Exposition '57 p265-78 annot

ITALY

Carlyle, Margaret. Modern Italy. (Hutchinson univ. lib: Politics) Rinehart '57 p 151-3

Vallinkoski, J. Italia Suomen kirjallisuudessa. L'Italia nella letteratura finlandese, 1640-1953. (Julkaisu, 25) Bibliotek, Helsingfors. Univ. '55 340p

Civilization

Dottori, Carlo, conte de'. Il Parnaso; ed. with introd. and notes, by Carlo L. Golino. (Calif. Univ. Pubs. in modern philology, v48) Univ. of Calif. press '57 p 167-72

Vittorini, Domenico. Age of Dante; a concise history of Italian culture in the years of the early renaissance. Syracuse univ. press '57 p 153-79

Commerce

Sapori, Armando. Studi di storia economica (secoli XIII, XIV, XV) 3d enl ed (Biblioteca storica Sansoni, new ser, v5) Sansoni '55 2v v2, p 1113-86

Commercial policy

Ciparisso, Livio. Die aussenhandelspolitik Italiens in der zeit von 1939 bis 1949. Keller '53 p viii-xii

Constitution

La costituzione italiana; saggio bibliog. a cura di G. B. Arista; pref. di M. Ruini. (Bibliog. del Senato della Repubblica) Giuffrè '57 414p

ITALY—Continued

Economic conditions

- Fanfani, Amintore. Vita economica italiana dall'antichità al XVIII secolo. (Universale studium, 33) Ed. Studium '54 p 145-51
- Grindrod, Muriel. Rebuilding of Italy; politics and economics, 1945-1955. Royal inst. of int. affairs '55 p254-8
- Sapori, Armando. Studi di storia economica (secoli XIII, XIV, XV) 3d enl ed (Biblioteca storica Sansoni, new ser, v5) Sansoni '55 2v v2, p 1113-86

Economic policy

- Gualerni, Gualberto. La politica industriale fascista; v 1, 1922-1935. (Quaderni di Realtà sociale d'oggi, 3) Istituto sociale ambrosiano '56 p 141-51

Fiction

- Vallinkoski, J. Italia. Suomen kirjallisuudessa, L'Italia nella letteratura finlandese, 1640-1953. (Julkaisu, 25) Bibliotek, Helsingfors. Univ. '55 340p

History

- Bibliografia storica nazionale, 1950[1957] (V 12-19) Gius. Laterza & figli '52-'59 8v
- Smith, Denis Mack. Italy; a modern history. (Univ. of Mich. history of the modern world) Univ. of Mich. press '59 p501-8

476-1268

- Manaresi, Cesare, ed. I placiti del Regnum Italiae. (Rome (city). Istituto storico italiano per il medio evo. Fonti per la storia d'Italia, no92, 96) Tip. del Senato '55-'58 2v v 1, p625-36; v2, p703-16

Languages

- Pulgram, Ernst. Tongues of Italy; prehistory and history. Harvard univ. press '58 p419-53

Politics and government

- Baron, Hans. Crisis of the early Italian renaissance; civic humanism and republican liberty in an age of classicism and tyranny. Princeton univ. press '55 2v incl bibliog
- Grindrod, Muriel. Rebuilding of Italy; politics and economics, 1945-1955. Royal inst. of int. affairs '55 p254-8

Religion

See also

- Catholic church in Italy

Social conditions

- Vöchting, Friedrich. Die italienische südfrage; entstehung und problematik eines wirtschaftlichen notstandsgebietes. Duncker & Humblot '51 p658-75

ITALY and Great Britain

- Brand, Charles Peter. Italy and the English romantics; the Italianate fashion in early nineteenth-cent. England. Cambridge '57 p234-9

ITHOMIIDAE

- Fox, Richard Middleton. Monograph of the ithomiidae (lepidoptera). (Bul. 111, article 1) Am. museum of natural history '56 p71-6

IVES, Herbert Eugene, 1882-1953

- Buckley, O. E. and Darrow, K. K. Herbert Eugene Ives, 1882-1953. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p 174-86)

IWO JIMA, Battle of, 1945

- United States. Marine corps. Iwo Jima: amphibious epic [by] Whitman S. Bartley. The corps '54 p211-14

J

JACKSON, Andrew, 1767-1845

- Ward, John William. Andrew Jackson, symbol for an age. Oxford '55 p215-65

JACKSON, Dunham, 1888-1946

- Hart, W. L. Dunham Jackson. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p 172-9)

JACKSON, John Hughlings, 1835-1911

- Jackson, John Hughlings. Selected writings; ed. by James Taylor [and others] Basic bks. '58 2v v2, p485-98

JACKSON, Stonewall. See Jackson, T. J.

JACKSON, Thomas Jonathan (Stonewall Jackson) 1824-1863

- Vandiver, Frank Everson. Mighty Stonewall. McGraw '57 p532-6

JACOBI, Erwin, 1884-

- Festschrift für Erwin Jacobi. Deutscher Zentralverlag '57 p479-84

JACOBI, Friedrich Heinrich, 1743-1819

- Terpstra, Jan Ulbe. Friedrich Heinrich Jacobis Allwill; textkritisch hrsg., eingeleitet und kommentiert. Wolters '57 p356-60

JACOBS, Elbridge Churchill, 1873-1957

- Doten, R. K. Memorial of Elbridge Churchill Jacobs. Am Min 44:378-9 Mr '59

JACOBSON, Edmund, 1888-

- Jacobson, Edmund. How to relax and have your baby; scientific relaxation in childbirth; foreword by Herbert Thoms. McGraw '59 p 187-9

- Jacobson, Edmund. You must relax; a practical method of reducing the strains of modern living. 4th rev & enl ed McGraw '57 p249-54

JACOBY, Felix, 1876-

- Jacoby, Felix. Abhandlungen zur griechischen geschichtschreibung, von Felix Jacoby; zu seinem achtzigsten geburtstag am 19. märz 1956 hrsg. von Herbert Bloch. Brill '56 p 1-15

JADE

- Foshag, William Frederick. Mineralogical studies on Guatemalan jade. (Smithsonian misc. colls, v 135, no5) Smithsonian inst. '57 p57-60

JADEITE

- Miyashiro, A. and Bauno, S. Nature of glaucophanitic metamorphism. Am J Sci 256:109-10 F '58

- Robertson, E. C. and others. Experimental determination of jadeite stability relations to 25,000 bars. Am J Sci 255:136-7 F '57

JAEGER, Werner, 1888-

- Publications of Werner Jaeger, 1911-1959. (In Harvard studies in classical philology, v63) Harvard univ. press '58 p 1-14

JAHN, Georg Max, 1885-

- Muhs, Karl, ed. Festgabe für Georg Jahn zur vollendung seines 70. lebensjahres am 28. februar 1955. Duncker & Humblot '55 p633-5

JAILS. See Prisons

JAJOBA

- Daugherty, P. M. and others. Industrial raw materials of plant origin; a survey of simmondsia chinensis (jojoba). Econ Bot 12:301-4 Jl '58

JAKOBSON, Roman, 1896-

- Halle, Morris, and others. For Roman Jakobson; essays on the occasion of his sixtieth birthday. Mouton '56 p 1-12

JAKY, József, 1893-

- Széchy, Károly, and others, eds. Gedenkbuch für Prof. Dr J. Jáky, mitglied der ungarischen Akademie der wissenschaften, Kossuthpreisträger. Akadémiai kiadó '55 p 13-15

JAMAICA

- Chapman, Esther, and Thwaites, Marjorie, eds. Pleasure island; the bk. of Jamaica; historical sec. by H. P. Jacobs; bibliog. & geographical sec. by Mary M. Carley. Arawak press '56 p299-305 annot
- Curtin, Philip D. Two Jamaicas; the role of ideas in a tropical colony, 1830-1865. Harvard univ. press '55 p218-32

Antiquities

- Howard, R. R. Archaeology of Jamaica: a preliminary survey. Am Antiq 22:58-9 Jl '56

JAMES I, king of Great Britain, 1566-1625

- James I, king of Great Britain. Poems of James VI of Scotland; ed. by James Craigie. v 1, The essays of a prentise, and Poetical exercises at vacant houres. (Scottish text soc [Pubs] 3d ser, 22) Blackwood '55 p lxxi-cii

- McElwee, William Lloyd. Wisest fool in Christendom; the reign of King James I and VI. Harcourt '58 p279-84 annot

JAMES, Henry, 1843-1916

- Anderson, Quentin. American Henry James. Rutgers univ. press '57 p355-61
- Edel, Leon, and Laurence, Dan H. Bibliography of Henry James. (Soho bibliogs, no 3) Hart-Davis '57 41lp

- Hoffmann, Charles G. Short novels of Henry James. Bookman associates '57 p 133-9
- Vientós Gastón, Nilita. Introducción a Henry James. (Eds. de la torre) Univ. de Puerto Rico '56 p87-98

JAMISON, Evelyn Mary, 1877-
Grierson, Philip, and Perkins, John Ward,
eds. *Studies in Italian medieval history*
presented to Miss E. M. Jamison. (Papers,
v24 (new ser, v 11)) British school at Rome
'56 p 1-4

JANET, Pierre, 1859-1947
Schwartz, Leonhard. *Les névroses et la psychologie dynamique de Pierre Janet; avec une préf. de Robert Bing et une introd. de Pierre Janet: tr. de l'allemand par L. E. Thomas.* (Bibliothèque de psychiatrie)
Presses univ. de France '55 p xxiii-xxiv

JANITORS
Bibliography for custodians. *Cath Sch J* '55:
52A+ S '55

JANSENISTS
Cognet, L. *Etat présent des travaux sur Port-Royal et le jansénisme.* *Inf Litt* 9:
139-46 S '57

Dyer, George John. *Denial of limbo and the Jansenist controversy.* (Dissertationes ad lauream. 24) St Mary of the Lake seminary
'55 p 183-99

Préclín, Edmond, and Jarry, Eugène. *Les luttes politiques et doctrinales aux XVII^e et XVIII^e siècles.* (*Histoire de l'église depuis les origines jusqu'à nos jours*, 19) Bloud & Gay '55-'56 2v v1, p 193, 234-6

JAPAN
Bibliography of recent works on Japan. See numbers of Japan quarterly
Bichmann, Wolfgang, and Bichmann, Elisabeth. *Deutsche Japan-bibliographie, 1945-1953.* *Asien-bücherei* '54 35p
Elling, Phyllis W. *Japan.* *Japan soc.* '57 p39-40

Hinton, Harold Clendenin, and Jansen, Marius Berthus, eds. *Major topics on China and Japan: a handbk. for teachers.* *Inst. of Pacific relations* '57 p301-23 annot

Ike, Nobutaka. Hoover institution collection on Japan. (Stanford univ. Hoover inst. on war, revolution, and peace. Coll. survey, no3) Stanford univ. bookstore '58 63p
Japan bibliographic annual, 1956(1-1957) Japan writers soc. '56-'57 2v

Kublin, Hyman. *What shall I read on Japan; an introd. guide.* 4th ed rev *Japan soc.* '57 16p annot

Michigan. University. Library. *Books on Japan, 1951 [i.e. 1941]-1954, in western languages, in the general library of the University of Michigan; comp. by G. Raymond Nunn [and others]* *The university* '54 27p
Quelques livres sur le Japon. *Biblio* 26:11+ Ap '58

Reischauer, Edwin Oldfather. *United States and Japan, rev ed.* (Am. foreign policy lib) Harvard univ. press '57 p381-4 annot

Velen, Elizabeth, and Velen, Victor A. eds. *New Japan.* (Reference shelf, v30, no2) Wilson '58 p 197-203

Webb, Herschel. *Introduction to Japan; under the direction of Hugh Borton and Douglas W. Overton.* Columbia univ. press '55 incl bibliog

—Same. 2d ed Columbia univ. press '57 incl bibliog

See also

Ryukyu islands

Antiquities

Kidder, Jonathan Edward. *Japan before Buddhism.* (Ancient peoples and places, v 10) Praeger '59 p210-16

Kidder, J. E. *Japan.* *Asian Perspect* 1:30-4 Summer '57

Civilization

Suzuki, Daisetz Teitarō. *Zen and Japanese culture.* rev & enl 2d ed (Bollingen ser, 64) Pantheon bks. '59 p443-7

Tsunoda, Ryūsaku, and others, eds. *Sources of the Japanese tradition.* (Records of civilization: sources and studies, 54; *Introd. to oriental civilizations*) Columbia univ. press '58 p907-13

Description and travel

Hall, Robert Burnett, and Nō, Toshio. *Japanese geography; a guide to Japanese reference and research materials.* (Mich. Univ. Center for Japanese studies. Bibliog. ser, no6) Univ. of Mich. press '56 128p annot

Economic conditions

Cohen, Jerome Bernard. *Japan's postwar economy.* Ind. univ. press '58 p225-32

Remer, Charles Frederick, and Kawai, Saburo. *Japanese economics; a guide to Japanese reference and research materials.* (Mich. Univ. Center for Japanese studies. Bibliog. ser, no5) Univ. of Mich. press '56 91p annot

Foreign relations

Beasley, William G. ed. and tr. *Select documents on Japanese foreign policy, 1853-1868.* Oxford '55 p343-8

Maxon, Yale Candee. *Control of Japanese foreign policy; a study of civil-military rivalry, 1930-1945.* (Calif. Univ. Pubs. in political science, v5) Univ. of Calif. press '57 p261-77

Germany

Iklé, Frank William. *German-Japanese relations, 1936-1940.* Bookman associates '56 p229-37 annot

Presseisen, Ernst Leopold. *Germany and Japan; a study in totalitarian diplomacy, 1933-1941.* (Int. scholars forum; a ser. of bks. by Am. scholars, 12) Nijhoff '58 p331-49

United States

Schroeder, Paul W. *Axis alliance and Japanese-American relations, 1941.* Cornell univ. press '58 p229-37

History

Borton, Hugh. *Japan's modern century.* Ronald '55 p468-82 annot

Haguenauer, C. *Résultats des travaux japonais (1955-1956) touchant l'histoire du Japon.* *R Hist* 202:324-53; 222:331-62 O '58. O '59

Hall, John Whitney. *Tanuma Okitsugu, 1719-1788, forerunner of modern Japan.* (Harvard-Yenching inst. Monograph ser, 14) Harvard univ. press '55 p 177-85

Kidder, Jonathan Edward. *Japan before Buddhism.* (Ancient peoples and places, v 10) Praeger '59 p210-16

Sansom, Sir George Bailey. *History of Japan; v 1. To 1334.* (Stanford studies in the civilization of eastern Asia) Stanford univ. press '58 p485-7 annot

War with Russia, 1904-1905

See Russo-Japanese war, 1904-1905

Industries and resources

Allen, George Cyril, and Donithorne, Audrey Gladys. *Western enterprise in Far Eastern economic development, China and Japan.* Macmillan '54 p272-9

Smith, Thomas Carlyle. *Political change and industrial development in Japan: government enterprise, 1868-1880.* (Stanford univ. Pubs. Univ. ser: History, economics, and political science, v 10) Stanford univ. press '55 p 115-21

Intellectual life

Bennett, John William, and others. *In search of identity: the Japanese overseas scholar in Am. and Japan.* (Social science research council. Com. on cross-cultural education. Monograph 4) Univ. of Minn. press '58 p351-63

Politics and government

Cole, Allan Burnett. *Japanese society and politics: the impact of social stratification and mobility on politics.* (Studies in political science, no 1) Graduate school, Boston univ. '56 p 151-8

Ike, Nobutaka. *Japanese politics; an introd. survey.* Knopf '57 p289-300

Maxon, Yale Candee. *Control of Japanese foreign policy; a study of civil-military rivalry, 1930-1945.* (Calif. Univ. Pubs. in political science, v5) Univ. of Calif. press '57 p261-77

Storry, Richard. *Double patriots; a study of Japanese nationalism.* Houghton '57 p303-7 annot

Ward, Robert Edward, ed. *Five studies in Japanese politics.* (Mich. Univ. Center for Japanese studies. Occasional papers, no7) Univ. of Mich. press '57 incl bibliog annot

Population

Taeuber, Irene Barnes. *Population of Japan.* Princeton univ. press '58 p395-455

Religion

Bellah, Robert N. *Tokugawa religion; the values of pre-industrial Japan.* Free press '57 p235-44

JAPAN—Religion—Continued

Holzman, Donald, and others. Japanese religion and philosophy; a guide to Japanese reference and research materials. (Mich. Univ. Center for Japanese studies. Bibliog. ser, no7) Univ. of Mich. press '59 102p annot

Supreme commander for the Allied powers. Civil information and education section. Religions in Japan: Buddhism, Shinto, Christianity; from the rep. prepared by the Religions and cultural resources div. under the editorial direction of William K. Bunce. Tuttle '55 p 187-9 annot

See also
Shinto

Social conditions

Bellah, Robert N. Tokugawa religion; the values of pre-industrial Japan. Free press '57 p235-44

Cole, Allan Burnett. Japanese society and politics: the impact of social stratification and mobility on politics. (Studies in political science, no 1) Graduate school, Boston univ. '56 p 151-8

Social life and customs

Norbeck, Edward, Takashima; a Japanese fishing community. Univ. of Utah press '54 p225-6

JAPAN and the United States

Schwantes, Robert S. Japanese and Americans; a century of cultural relations. Harper '55 p333-72 annot

JAPANESE

Kihara, Takusaburō. Das lymphgefäßsystem der Japaner; v 1. Der ductus thoracicus der Japaner, von Buntaro Adachi. The author '53 p79-83

JAPANESE color prints. See Color prints, Japanese

JAPANESE drama**History and criticism**

Halford, Aubrey S. and Halford, Giovanna M. Kabuki handbook; a guide to understanding and appreciation, with summaries of favourite plays, explanatory notes and illustrations. Tuttle '56 p477-8

JAPANESE fiction**History and criticism**

Morrison, John W. Modern Japanese fiction. Univ. of Utah press '55 p206-22

JAPANESE in the United States

California. University. Library. Japanese American evacuation and resettlement; catalog of material in the General lib. prepared by Edward N. Barnhart. The library '58 177p

Caudill, W. and De Vos, G. Achievement, culture and personality: the case of the Japanese Americans. Am Anthropol 58:1125-6 D '56

JAPANESE literature

Fairbank, John King, and Banno, Masataka. Japanese studies of modern China; a bibliog. guide to historical and social-science research on the 19th and 20th centuries. Tuttle '55 331p

Harvard university. Library. Chinese-Japanese library. Japanese collected works and series in the Chinese—Japanese library at Harvard university. The library '54 32p

Yamagiwa, Joseph Koshimi. Japanese literature of the Shōwa period; a guide to Japanese reference and research materials. (Mich. Univ. Center for Japanese studies. Bibliog. ser, no8) Univ. of Mich. press '59 212p annot

History and criticism

Keene, Donald, ed. and comp. Anthology of Japanese literature; from the earliest era to the mid-nineteenth century. (UNESCO coll. of representative works. Japanese ser) Grove '55 p443-4

Keene, Donald, ed. Modern Japanese literature; an anthology. Grove '56 p439-40

Yamagiwa, Joseph Koshimi. Japanese literature of the Shōwa period; a guide to Japanese reference and research materials. (Mich. Univ. Center for Japanese studies. Bibliog. ser, no8) Univ. of Mich. press '59 212p annot

JAPANESE philosophy. See Philosophy, Japanese

JAPANESE poetry

Rexroth, Kenneth. One hundred poems from the Japanese. New directions '55 p 136-44

JAPANESE-RUSSIAN war, 1904-1905. See Russo-Japanese war, 1904-1905

JARRELL, Randall, 1914-

Adams, Charles Marshall. Randall Jarrell; a bibliography. Univ. of N.C. press '58 72p

JASPERS, Karl, 1883-

Jaspers, Karl. Philosophie und welt; reden und aufsätze. Piper '58 p405-7

Schilpp, Paul Arthur, ed. Karl Jaspers. (Philosophen des 20. Jahrhunderts) (Bibliog. by Kurt Rossmann) Kohlhammer '57 p855-68

—Same; with title: Philosophy of Karl Jaspers. (Lib. of living philosophers) [Bibliog. by Kurt Rossmann] Tudor '58 p871-87

JAWS**Abnormities and deformities**

Hogeman, Karl Erik. Surgical-orthopaedic correction of mandibular protrusion [tr. from the Swedish by Greta Sargeant] (Sup 159) Acta chirurgica scandinavica '51 p 130-44

Radiography

Nevakari, K. Analysis of the mandibular movement from rest to occlusal position; a roentgenographic-cephalometric investigation. (V 14, Sup. 10) Acta odontologica scandinavica '56 p 123-9

Surgery

Hogeman, Karl Erik. Surgical-orthopaedic correction of mandibular protrusion [tr. from the Swedish by Greta Sargeant] (Sup 159) Acta chirurgica scandinavica '51 p 130-44

Tumors

Langer, Erich. Histopathologie der tumoren der kiefer und der mundhöhle. Thieme '58 p 139-64

JAZZ music

Feather, Leonard. Encyclopedia of jazz; foreword by Duke Ellington. Horizon press '55 p351-3 annot

Gleason, Ralph J. ed. Jam session; an anthology of jazz. Putnam '58 p315-19 annot

Reisner, Robert George. Literature of jazz, a sel. bibliog; with an introd. by Marshall W. Stearns. 2d ed rev & enl N.Y. public lib. '59 63p

Stearns, Marshall Winslow. Story of jazz [Bibliog. by R. G. Reisner] Oxford '56 p343-56

Periodicals

Reisner, Robert George. Literature of jazz; a sel. bibliog; with an introd. by Marshall W. Stearns. 2d ed rev & enl N.Y. public lib. '59 p61-3

JEFFERIES, Richard, 1848-1887

Jefferies, Richard. Field and farm; essays now first coll. with some from mss; ed. with an introd. and notes by Samuel J. Looker. Phoenix house '57 p 179-88

JEFFERS, Robinson, 1887-

Los Angeles. Occidental college. Mary Norton Clapp library. Robinson Jeffers at Occidental college; a check list of the Jeffers coll. in the Library, pub. on the fiftieth anniversary of his graduation, June 1955; prepared by Miss Alice Gay. Ritchie press '55 23p

Monjian, Mercedes Cunningham. Robinson Jeffers, a study in inhumanism. (Critical essays in English and Am. literature, 3) Univ. of Pittsburgh press '58 p 101-3

Squires, James Radcliffe. Loyalties of Robinson Jeffers. Univ. of Mich. press '56 p 199-202

JEFFERSON, Thomas, 1743-1826

Padover, Saul Kussiel, ed. Jefferson profile as revealed in his letters. Day '56 p349-60

Schachner, Nathan. Thomas Jefferson; a biography. Yoseloff '57 p 1049-60

JEFFERY, George Barker, 1891-1957

George Barker Jeffery. Lond Math Soc J 34:255-6 Ap '59

Titchmarsh, E. C. George Barker Jeffery. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p 136-7)

JELLYFISH

Blackburn, M. Trachymedusae and narcomedusae of south-east Australian waters. Australian J Marine & Freshwater Res 6: 427-8 O '55

Kramp, P. L. Revision of Ernst Haeckel's determinations of a collection of medusae belonging to the Zoological museum of Copenhagen. Deep Sea Res 3 sup:167-8 D '55

JELLYFISH—Continued

Southcott, R. V. Studies on Australian cubomedusae, including a new genus and species apparently harmful to man. Australian J Marine & Freshwater Res 7:278-9 J1 '56

JENA, Germany

Schultze, Joachim Heinrich, and others. Jena; werden, wachstum und entwicklungsmöglichkeiten der universitäts- und industriestadt. Fischer '55 p266-71

JENKINSON, Sir Hilary

Davies, James Conway, ed. Studies presented to Sir Hilary Jenkinson [bibliog. by R. Ellis] Oxford '57 p480-94

Ellis, R. and Kellaway, W. Bibliography of the writings of Sir Hilary Jenkinson. Archives 2:329-43 Michaelmas '55

JEROME, Saint, 342-420

Arns, Evaristo. La technique du livre d'après saint Jérôme. E. de Boccard '53 p203-10

Eiswirth, Rudolf. Hieronymus' stellung zur literatur und kunst. (Klassisch-philologische studien, no 16) Harrassowitz '55 p ix-xiii

JERUSALEM

Antiquities

Joint-Lambert, Michel. Jerusalem; tr. by Charlotte Haldane. (Ancient cities and temples) Putnam '58 p222

Temple

Parrot, André. Le temple de Jérusalem. (Cahiers d'archéologie biblique, no5) Delachaux & Niestlé '54 p84-8

JESUITS

Conwell, Joseph F. Contemplation in action; a study in Ignatian prayer. Gonzaga univ. '57 p 108-18

Schoenberg, Wilfred P. Garlic for Pegasus; the life of Brother Benito de Goes of the Society of Jesus. Newman press '55 p209-13 annot

History

Bibliographia de historia Societatis Iesu. Archivum Hist Societatis Iesu 20:352-406; 21:409-77; 22:675-773; 23:414-79; 24:478-531; 25:654-735; 26:337-417; 27:411-78 J1 '51, J1 '52, J1 '53, J1 '54, J1 '55, J1 '56, J1 '57, J1 '58

García Villoslada, Ricardo. Manual de historia de la Compañía de Jesús. 2d ed rev & enl Compañía bibliog. española '54 p759-70

Missions

Cronin, Vincent. Wise man from the West. Dutton '55 p288-90

JESUITS in America

Bannon, J. F. Saint Louis university collection of jesuitica americana. Hispan Am Hist R 37:83-8 F '57

JESUITS in England

Sutcliffe, Edmund Felix. Bibliography of the English province of the Society of Jesus, 1773-1953. Manresa press '57 247p

JESUITS in Hungary

Polgár, László. Bibliographia de historia Societatis Iesu in regnis olim corona hungarica unitis, 1560-1773. (Subsidia ad historiam S.I. ser. minor, 2) Institutum historicum S.I. '57 184p

JESUITS in India

Correia-Afonso, John. Jesuit letters and Indian history; a study of the nature and development of the Jesuit letters from India (1542-1773) and of their value for Indian historiography; with a pref. by Georg Schurhammer. (Studies in Indian history, no20) Indian historical research inst, St Xavier's college '55 p xiii-xxv

JESUITS in North America

Bannon, John Francis. Mission frontier in Sonora, 1620-1687; ed. by James A. Reynolds. (Monograph ser, 26) U.S. Catholic historical soc. '55 p 147-53

JESUS, Society of. See Jesuits

JESUS CHRIST

Bavel, Tarsicius J. van. Recherches sur la christologie de saint Augustin; l'humain et le divin dans le Christ d'après saint Augustin. (Paradosis; Beiträge zur geschichte der altchristlichen literatur und theologie, 10) Editions universitaires '54 p ix-xiii

Bethune-Baker, James Franklin. Early traditions about Jesus; abr. and ed. by W. Norman Pittenger. Seabury '56 incl bibliog annot

Ebbutt, Arthur James. Who do you say that I am? answers to your questions about Jesus. Westminster press '59 p169-70

Jeremias, Joachim. Parables of Jesus; tr. by S. H. Hooke. SCM press '54 p 160-5

Laymon, Charles M. Christ in the New Testament. Abingdon '58 p231-42

Purdy, A. C. Recent books on Jesus and his ministry. Relig in Life 24:436-42 Summer '55 annot

Taylor, Vincent. Person of Christ in New Testament teaching. St Martin's '58 p307-8

Xiberta y Roqueta, Bartolomé María. Tractatus de verbo incarnato. Inst. Francisco Suárez, Consejo superior de investigaciones científicas '54 2v v2, p669-739

See also

Christianity

Lord's supper

Messiah

Trinity

Ascension

Davies, John Gordon. He ascended into heaven; a study in the history of doctrine. (Bampton lectures, 1958) Assn. press '58 p202-8

Atonement

See Atonement

Incarnation

See Incarnation

Messiahship

Heinisch, Paul. Christus der erlöser im Alten Testament. Verlag Styria '55 p 11-22

Mystical body

Best, Ernest. One body in Christ; a study in the relationship of the church to Christ in the Epistles of the Apostle Paul. S.P.C.K. '55 p226-9

Resurrection

Gault, Clarence W. Indebted to Christ's resurrection. Pageant press '56 p220-30 annot

Second Advent

See Second Advent

Teachings

Jeremias, Joachim. Jesus' promise to the nations; the Franz Delitzsch lectures for 1953 [tr. by S. H. Hooke] (Studies in biblical theology, no24) Allenson '58 p76-9

Jones, Claude C. Teaching methods of the Master. Bethany press '57 p 142-4

Thomson, James G. S. Praying Christ; a study of Jesus' doctrine and practice of prayer. Eerdmans '59 p 153-5

Trial

Blinzler, Joseph. Der prozess Jesu; das jüdische und das römische gerichtsverfahren gegen Jesus Christus auf grund der ältesten zeugnisse dargestellt und beurteilt. 2d enl ed Pustet '55 p212-17

—Same; with title: Trial of Jesus; the Jewish and Roman proceedings against Jesus Christ described and assessed from the oldest accounts by Josef Blinzler; tr. from the 2d rev. and enl. ed. by Isabel and Florence McHugh. Newman press '59 p297-304

Los Angeles county law library, Los Angeles. Trial of Jesus; a bibliography. The library '58 4p

JET planes

United States. National library of medicine. Effects of jet aircraft noise on hearing; a list of references comp. by Tordis O. Vatshaug. The library '56 7p

JET propulsion

Hesse, Walter John. Jet propulsion. (Pitman aeronautical pubs. Aeronautical engineering ser) Pitman '58 incl bibliog

North Atlantic treaty organization. Advisory group for aeronautical research and development. Combustion and propulsion panel. Air intake problems in supersonic propulsion; invited papers presented at the 11th AGARD combustion and propulsion panel meeting, Paris, Dec. 1956; ed. J. Fabri. (ACARDograph, 27) Pergamon '58 incl bibliog

Sänger-Bredt, Irene. Bemessungstabellen für staustrahlantriebe. (Stuttgart. Forschungsinst. für physik der strahltriebwerke. Mitteilungen, 4) Verlag Flugtechnik '56 p426-95

Sutton, George Paul. Rocket propulsion elements; an introd. to the engineering of rockets. 2d ed Wiley '56 p433-78

Technical literature digest. See numbers of ARS journal (formerly Jet propulsion)

Zucrow, Maurice Joseph. Aircraft and missile propulsion. Wiley '58 2v incl bibliog

JEWELRY

Becatti, Giovanni. Oreficerie antiche dalle minoiche alle barbariche. Istituto poligrafico dello stato '55 p227-34

Cooper union for the advancement of science and art. Museum for the arts of decoration. Nineteenth century jewelry; from the First empire to the First world war. The museum '55 p22

Steingraber, Erich. Antique jewelry. Praeger '57 p 185-6

Weinstein, Michael. World of jewel stones. Sheridan '58 p399-402

JEWELS. See Gems; Jewelry

JEWETT, Sarah Orne, 1849-1909

Jewett, Sarah Orne. Letters, edited with an introd. and notes by Richard Cary. Colby college press '56 p 16

JEWISH-Arab relations

Arab information center. Suggested readings on the Palestine problem. rev ed (Bibliog. list no2) The center '56 4p

Ellis, Harry B. Israel and the Middle East. Ronald '57 p243-5

Goitein, Solomon Dob Fritz. Jews and Arabs; their contacts through the ages. Schocken '55 p235-8 annot

McClellan, Grant S. ed. Middle-East in the cold war. (Reference shelf, v28, no6) Wilson '56 p 191-201

Polk, William R. and others. Backdrop to tragedy: the struggle for Palestine. Beacon press '57 p375-85 annot

Weigert, G. Israel in the mirror of Arabic writing [bibliog. article] Jewish Frontier 25:27-9 Ag '58

JEWISH civilization. See Jews—Civilization

JEWISH law

Tratner, Ernest Robert. Understanding the Talmud. Nelson '55 p203-5

JEWISH letters

Kobler, Franz, ed. Treasury of Jewish letters; letters from the famous and from the humble. Farrar, Straus '53 2v v2, p613-43

JEWISH literature

Kansas. University. Library. Jews in America, 1654-1954; a checklist of an exhibition at the Univ. of Kan, Nov. 29, 1954 to Jan. 3, 1955, celebrating the tercentenary. The library '55 14p

See also

Hebrew literature

JEWISH newspapers

Federbush, Simon, ed. World Jewry today. Yoseloff '59 incl bibliog

Fraenkel, Joseph. Jewish press of the world. 4th ed Cultural dept, World Jewish congress '56 78p

Fraenkel, J. Jewish press of the world. (In Zionist yearbook 5718 (Sept. 1957-Sept. 1958) (V7) Zionist federation of Great Britain & Ireland '57 p37-40+)

Hebrew union college-Jewish institute of religion. American Jewish periodical center. Jewish newspapers and periodicals on microfilm. The center '57 56p annot

JEWISH periodicals

Federbush, Simon, ed. World Jewry today. Yoseloff '59 incl bibliog

Fraenkel, Joseph. Jewish press of the world 4th ed Cultural dept, World Jewish congress '56 78p

Fraenkel, J. Jewish press of the world. (In Zionist yearbook 5718 (Sept. 1957-Sept. 1958) (V7) Zionist federation of Great Britain & Ireland '57 p37-40+)

Hebrew union college-Jewish institute of religion. American Jewish periodical center. Jewish newspapers and periodicals on microfilm. The center '57 56p annot

JEWISH question
Silberner, Edmund. Western European socialism and the Jewish problem, 1800-1918; a sel. bibliography. Eliezer Kaplan school of economics & social science, Hebrew univ. '55 61p

Tenenbaum, Joseph. Race and Reich: the story of an epoch. Twayne '56 p503-24

JEWISH sects

Molin, Georg. Die söhne des liches; zeit und stellung der handschriften vom Toten Meer. Herold '54 p230-1

JEWS

American Jewish bibliography, July 1, 1956, through June 30, 1957[-July 1, 1957, through June 30, 1958] Am Jewish Year Bk 59:463-73; 60:341-53 '58-'59 annot

Kansas. University. Library. Jews in America, 1654-1954; a checklist of an exhibition at the Univ. of Kan, Nov. 29, 1954 to Jan. 3, 1955, celebrating the tercentenary. The library '55 14p

Kiev, I. E. American-Jewish non-fiction books, 1952-1954[-1958-1959] (In Jewish book annual, 1953-1955[-1959-1960] (V 12-17) Jewish bk. council of Am. '54-'59 6v v 12, p91-103; v 13, p73-81; v 14, p85-93; v 15, p 100-8; v 16, p 13-25; v 17, p95-106 annot

Lehmann, P. Jewish books published outside the USA, 1957-1958. (In Jewish book annual, 1958-1959. (V 16) Jewish book council of Am. '58 p 181-90)

Notices and recent publications. See numbers of Historia judaica

Webber, G. J. Recent Jewish books in English (published outside of the U.S.A.) 1952-1955. (In Jewish book annual, 1955-1956 (V 13) Jewish bk. council of Am. '56 p 135-44) annot

Yivo institute for Jewish research. Yivo annual of Jewish social science, 1956/1957. (V 11) The inst. '57 p296-301 annot

See also

Anti-Semitism

Falashas

Israel

Palestine

Zionism

Bibliography

Trachtenberg, J. Jewish bibliography in America. Stud Bibliog & Booklore 2:99-101 Je '56 annot

Charities

Solomon, Barbara Miller. Pioneers in service; the history of the Associated Jewish philanthropies of Boston. Associated Jewish philanthropies '56 p 171-5 annot

Civil rights

See Jews—Legal status, laws, etc.

Civilization

Finkelstein, Louis, ed. Jews: their history, culture, and religion. 2d ed Harper '55 2v incl bibliog

Economic conditions

See Jews—Political and social conditions

Education

Gannes, Abraham P. Central community agencies for Jewish education; with an introd. by Leo L. Honor. Dropsie college for Hebrew & cognate learning '54 p 169-78

Fiction

Kiev, M. N. American Jewish fiction books, 1952-1954[-1958-1960] (In Jewish book annual, 1953-1955[-1959-1960] (V 12-17) Jewish bk. council of Am. '54-'59 6v v 12, p 108-13; v 13, p85-8; v 14, p97-100; v 15, p 112-15; v 16, p 126-30; v 17, p 107-10 annot

History

Baron, Salo Wittmayer. Social and religious history of the Jews. 2d ed rev & enl Columbia univ. press '52-'58 8v v 1, p293-415; v2, p325-436; v3, p223-340; v4, p229-352; v5, p287-416; v6, p315-486; v7, p215-321; v8, p267-405

Booth, Osborne. Chosen people; a narrative history of the Israelites. Bethany press '59 p258-60

Farmer, William Reuben. Maccabees, Zealots, and Josephus; an inquiry into Jewish nationalism in the Greco-Roman period. Columbia univ. press '56 p211-20

Finkelstein, Louis, ed. Jews: their history, culture, and religion. 2d ed Harper '55 2v incl bibliog

Gamoran, Mamie (Goldsmith). New Jewish history: v3. From the discovery of Am. to our own day. Am. Hebrew congregations '57 incl bibliog

Markowitz, Sidney L. What you should know about Jewish religion, history, ethics and culture. Citadel press '55 p221-2

New York (city). Public library. People and the book; the background of three hundred years of Jewish life in America; an annot. list of illuminated mss, rare bks, authentic docs. and related materials, comp. by Joshua Bloch. The library '54 p 11-12

Sachar, Howard M. Course of modern Jewish history. World pub. '58 p571-607

JEWS—History—Continued

Schwarz, Leo Walder, ed. Great ages and ideas of the Jewish people, by Salo W. Baron [and others] Random house '56 p485-98 annot

Snell, Heber Cyrus. Ancient Israel: its story and meaning; a brief history for seminaries, colleges and for the general reader. 2d ed rev The author '57 p285-6

Law

See Jewish law; Jews—Legal status, laws, etc.

Legal status, laws, etc.

Fenigstein-Sigg, Marianne. Das rassestrafrecht in Deutschland in den Jahren 1933-1945 unter besonderer berücksichtigung des blutschutzgesetzes. (Zürcher beiträge zur rechtswissenschaft, new ser, no 170) H. R. Sauerländer '51 p 123-6

Literature

See Hebrew literature; Jewish literature

Persecutions

Institut für zeitgeschichte, Munich. Gutachten des Instituts für zeitgeschichte. (Veröffentlichungen) The institute '58 incl bibliog
Kisch, G. Yellow badge in history. Hist Judaica 19:140-6 O '57

Political and social conditions

Baron, Salo Wittmayer. Social and religious history of the Jews. 2d ed rev & enl Columbia univ. press '52-'58 8v v 1.p293-415; v2, p325-436; v3, p223-340; v4, p229-352; v5, p287-416; v6, p315-486; v7, p215-321; v8, p267-405

Duker, A. G. Historical and sociological factors in Jewish communal leadership. Jewish Social Stud 17:190-2 J1 '55

Szajkowski, Z. Emancipation of Jews during the French revolution; a bibliog. of bks, pamphlets and ptd. docs. 1789-1800. Stud Bibliog & Booklore 3:55-68, 87-114; 4:21-48 D '57-Je '59 annot

See also

Jewish question

Religion

See Judaism

Sects

See Jewish sects

Social conditions

See Jews—Political and social conditions

Social life and customs

Gilbertson, Merrill T. Way it was in Bible times. Augsburg '59 p 133-4

JEWS and Arabs. See Jewish-Arab relations**JEWS in Colorado**

Uchill, Ida Libert. Pioneers, peddlers, and tsadikim. Sage '57 p311-16

JEWS in France

Gyges, pseud. Les Israélites dans la société française. Docs. & témoignages. '56 p233-6
Szajkowski, Z. Emancipation of Jews during the French revolution; a bibliog. of bks, pamphlets and ptd. docs. 1789-1800. Stud Bibliog & Booklore 3:55-68, 87-114; 4:21-48 D '57-Je '59 annot

JEWS in Germany

Ormann, G. Bibliography of Hebrew and Yiddish publications on German Jewry, 1950-1955. Leo Baeck Inst Jews Germ Yrbk 1:447-66 '56

Post-war publications on German Jewry; bks. and articles, 1945-1955[1957] and supplements; comp. by the Wiener library. Leo Baeck Inst Jews Germ Yrbk 1:393-446; 2:315-27; 3:373-97 '56-'58

Wiener library, London. German Jewry; its history life and culture. (Catalog ser, no3) The library '58 279p

JEWS in Great Britain

Peskin, A. England's Jewish naturalization bill of 1753. Hist Judaica 19:29-32 Ap '57

JEWS in New Zealand

Goldman, Lazarus Morris. History of the Jews in New Zealand. Heinman '58 p243-9

JEWS in Palestine

Palestine and Zionism 1955[1956] (V 10-11) Zionist archives & lib. '56-'58 2v
Zionist archives and library. Palestine and Zionism; a bibliog. of bks, pamphlets and periodicals. The archives. See numbers thru 1954

See also

Israel
Zionism

JEWS in Prague

Muneless, Otto. Bibliographical survey of Jewish Prague: the Jewish state museum of Prague. (Jewish monuments in Bohemia and Moravia, v 1, pt 1) Orbis '52 562p

JEWS in the United States

Duker, A. G. Historical and sociological factors in Jewish communal leadership. Jewish Social Stud 17:190-2 J1 '55

Fox, Joseph. Problems of the Jewish aged in the community. The author '52 p48-52

Glazer, Nathan. American Judaism. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 168-72 annot

Hartstein, Jacob I. ed. Jews in American history; a resource bk. for teachers of social studies and Am. history. Nat. program div, Anti-defamation league of B'nai-B'rith; School of education & community adm, Yeshiva univ. '55 p92-5

Hirschler, Eric E. ed. Jews from Germany in the United States; introd. by Max Gruenewald, Farrar, Straus '55 p 176-9

Jewish historical association of Chicago. Bibliography of publications about Jews in America in five Chicago libraries; a tercentenary publication. The association '55 144p

Leviton, Tina Nellie. Firsts of American Jewish history. 2d ed Charuth press '57 p267-71

New York (city). Public library. People and the book; the background of three hundred years of Jewish life in America; an annot. list of illuminated mss, rare bks, authentic docs. and related materials, comp. by Joshua Bloch. The library '54 p 11-12

Pool, David de Sola, and Pool, Tamar H. de Sola. Old faith in the New world; portrait of Shearith Israel, 1654-1954. Columbia univ. press '55 p547-62

Simonhoff, Harry. Jewish notables in America, 1776-1865; links of an endless chain; foreword by David de Sola Pool. Greenberg '56 p386-91

Simonhoff, Harry. Saga of American Jewry, 1865-1914; links of an endless chain. Arco '59 p386-93

Sklare, Marshall, ed. Jews: social patterns of an Am. group. Free press '58 incl bibliog
Wolf, E. Some unrecorded American Judaica printed before 1851. (In Hebrew union college-Jewish institute of religion. American Jewish archives. Essays in American Jewish history, to commemorate the 10th anniversary of the founding of the Am. Jewish archives under the direction of Jacob Rader Marcus. (Pubs, no4) The college '58 p 187-245) annot

Education

Nulman, Louis. Parent and the Jewish day school; reactions of parents to a Jewish all-day school; forewords by Joseph Kaminsky [and] Lawrence C. Little. Parent study press '56 p 102-3

Juvenile literature

Hartstein, Jacob I. ed. Jews in American history; a resource bk. for teachers of social studies and Am. history. Nat. program div, Anti-defamation league of B'nai-B'rith; School of education & community adm, Yeshiva univ. '55 p95-7

JHERING, Rudolf von, 1818-1892

Wertenbruch, Wilhelm. Versuch einer kritischen analyse der rechtslehre Rudolf von Jherings. (Neue Kölner rechtswissenschaftliche abh. no4) De Gruyter '55 p xi-xiv

JIGGERS (mites) See Chiggers (mites)**JILLSON, Willard Rouse. 1890-**

Overstreet, Anne E. Books, pamphlets, and reprints of Willard Rouse Jillson; a bibliog (1917-1953) Linden press '54 33p

JIMÉNEZ, Juan Ramón, 1881-1858

Garfias, Francisco. Juan Ramón Jiménez. (Colección Ensayistas de hoy. 3) Taurus '58 p207-61

Nemes, Graciela. (Palau). Vida y obra de Juan Ramón Jiménez. (Biblioteca románica hispánica. 2. Estudios y ensayos, 31) Editorial Gredos '57 p365-406

Tudisco, O. B. and Foguelquist, D. F. Juan Ramón Jiménez: bibliografía. R Hispan Mod 24:177-95 Ap '58

JIMÉNEZ de Quesada, Gonzalo, d 1579

Jiménez de Quesada, Gonzalo. El antiojivo; edición dirigida por Rafael Torres Quintero; estudio preliminar por Manuel Ballesteros Gairois. (Pubs. no 10) Inst. Caro y Cuervo '52 p cxxxiii-clxxvi

- JIMSON weed.** See *Datura*
- JIRÁSEK, Alois, 1851-1930**
Nejedlý, Zdeněk. Čtyři studie o Al. Jiráskovi.
2d ed (His Sebrané spisy, v 13) Svoboda '51
p 375-8
- JIU-Jitsu**
Smith, Robert W. ed. Complete guide to
judo; its story and practice. Tuttle '58
p213-49
See also
Wrestling
- JOACHIM, abbot of Fiore, 1132?-1202**
Russo, Francesco. Bibliografia gioachimita.
(Biblioteca di bibliog. italiana, v28) Olschki
'54 211p
- JOAN of Arc, Saint, 1412-1431**
Pernoud, Régine. Retrieval of Joan of Arc: the
evidence at the trial for her rehabilitation,
1450-1456; tr. by J. M. Cohen; foreword by
Katherine Anne Porter. Harcourt '55 p263-4
annot
- JOB analysis**
Gilmour, Robert W. Industrial wage and
salary control. Wiley '56 p245-9
Kershner, Alan Motter. Report on job
analysis. (ONR rep. ACR-5) U.S. Office of
naval research '55 p63-9
Lanham, Elizabeth. Job evaluation. McGraw
'55 p383-91
United States. Superintendent of documents.
Occupations. (Price list 33A, 10th ed) U.S.
Gov. ptg. office '57 11p
See also
Motion study
Time study
- JOB discrimination.** See Discrimination in em-
ployment
- JOB satisfaction**
Evans, Chester E. Supervisory responsibility
and authority. (Research rep. no30) Am.
management assn. '57 p43-8
Herzberg, Frederick, and others. Motivation
to work. 2d ed Wiley '59 incl bibliog
Kuylaars, A. M. Werk en leven van de indu-
striële loonarbeider, als object van een so-
ciale ondernemingspolitiek; met een voor-
woord van Fred L. Polak. H. E. Stenfert
Kroese '51 p221-37
Psychological service of Pittsburgh. Job at-
titudes: a review of research and opinion;
report. The service '55 7v incl bibliog
Robinson, H. A. Job satisfaction researches
of 1955[1-1958] Personnel & Guid J 34:565-8;
36:34-7; 37:55-60; 37:669-73 My '56, S '57,
S '58, My '59
- JOHANSON, Klara Elisabeth, 1875-1948**
Johanson, Klara Elisabeth. Kritik [utg. av
Nils Afzelius] Wahlström & Widstrand '57
p263-328
- JOHN Baptist Mary Vianney, Saint.** See Vian-
ney, J. B. M.
- JOHN of the Cross, Saint, 1542-1591**
Icaza, Rosa Maria. Stylist relationship be-
tween poetry and prose in the Cántico
espiritual of San Juan de la Cruz. (Catholic
univ. of Am. Studies in Romance languages
and literatures, v54) Catholic univ. of Am.
press '57 p 191-201
John of the Cross, Saint. Complete works of
Saint John of the Cross, doctor of the
church; tr. and ed. by E. Allison Peers
from the critical ed. of P. Silverio de Santa
Teresa. 3d ed rev Newman press '53 3v v3,
p405-39
- JOHN XXIII (Angelo Giuseppe Roncalli) pope,**
1881-
Gropi, Ugo, and Lombardi, Julius S. Above
all a shepherd; Pope John XXIII. Kenedy
'59 p215-16 annot
- JOHN II, king of Aragon, 1397-1479**
Vicens Vives, Jaime. Juan II de Aragón,
1398-1479; monarquía y revolución en la
España del siglo XV. (El hombre y su tiem-
po, 1) Editorial Teide '53 p395-8
- JOHN of Jandun, d 1328**
MacClintock, Stuart. Perversity and error;
studies on the Averroist John of Jandun.
(Ind. Univ. Pubs. Humanities ser, no37)
Ind. univ. press '56 p 117-29
- JOHN of Salisbury, bp of Chartres, d 1180**
Hebling-Gloor, Barbara. Natur und aber-
glaube in Policaratus des Johannes von
Salisbury. (Geist und werk der zeiten, no 1)
Fretz & Wasmuth '56 p 110-18
- John of Salisbury, bp of Chartres. Metalogi-
con, a twelfth-century defense of the verbal
and logical arts of the trivium; tr. with
an introd. & notes by Daniel D. McGarry.
Univ. of Calif. press '55 p279-94
- JOHN, Gospel of.** See Bible. New Testament—
John
- JOHNE'S disease**
Sigurdsson, B. Immunological problems in
paratuberculosis. Bact R 20:12-13 Mr '56
- JOHNSEN, Oscar Albert, 1876-**
Sommerfeldt, Wilhelm. Preus. Professor
Dr. Oscar Albert Johnsens forfatterskap.
(Sjuende-mars-bibliografien, no 10) Norsk
bibliografisk bibliotek '54 27p
- JOHNSON, Samuel, 1709-1784**
Bloom, Edward Alan. Samuel Johnson in
Grub Street. (Brown univ. studies, v21)
Brown univ. press '57 p263-72
Pierpont Morgan library. New York. Samuel
Johnson, LL.D. (1709-1784) an exhibition
of first eds., mss., letters, and portraits
to commemorate the 250th anniversary of
the pub. of his Rasselas; Sept. 22-Nov.
28, 1959. The library '59 np
- JOHNSTOWN, Pennsylvania**
O'Connor, Richard. Johnstown: the day the
dam broke. Lippincott '57 p254-5
- JOINTS (anatomy)**
Inkster, R. G. and others. Anatomy of the
locomotor system; osteology, arthrology,
myology. (Cunningham's text-bk. of ana-
tomy, v2) Oxford '56 incl bibliog
See also
Hip joint
Sacroiliac joint
- Diseases**
Sèze, Stanislas de, and Ryckewaert, Antoine.
Maladies des os et des articulations. (Coll.
médico-chirurgicale à révision annuelle)
Editions médicales Flammarion '54 incl bib-
liog
See also
Arthritis
- Dislocation**
See Dislocations
- Surgery**
See also
Arthroplasty
- Tumors**
Jaffe, Henry Lewis. Tumors and tumoróus
conditions of the bones and joints. Lea '58
incl bibliog
- JOJOBA.** See Jajoba
- JONES, Frederic Wood, 1879-1954**
Le Gros Clark, W. E. Frederic Wood Jones,
1879-1954. (In Royal society of London. Bi-
ographical memoirs of fellows of the Royal
society, 1955. The society '55 p 129-34)
- JONES, Sir John Lennard-.** See Lennard-Jones,
J.
- JONES, Lewis Ralph, 1864-1945**
Walker, J. C. and Riker, A. J. Lewis Ralph
Jones. (In National academy of sciences. Bi-
ographical memoirs. Columbia univ.
press '58 p 169-79)
- JONES, Rufus Matthew, 1863-1948**
Vining, Elizabeth Gray. Friend of life; the
biography of Rufus M. Jones. Lippincott
'58 p331-3
- JORDAN, Elijah, 1875-1953**
Jordan, Elijah. Metaphysics, an unfinished
essay; ed. with a pref. and bibliog. by Max
H. Fisch. Principia '56 p xvii-xxvi
- JORDAN**
Grassmuck, G. Selected materials on Iraq
and Jordan: the development of political
documentation. Am Pol Sci R 51:1067-90
D '57
Harris, George Lawrence, and others. Jor-
dan; its people, its society, its culture.
(Survey of world cultures, 2) HRAF press
'58 p235-7
- Patal, Raphael. Jordan, Lebanon, and Syria;**
an annot. bibliography. (Behavior science
bibliogs) HRAF press '57 289p
- Patal, Raphael, ed. Jordan; contributors:**
Farid Aouad [and others] (Country sur-
vey ser) Human relations area files '57
p359-74, 389-91
- Shwadrán, Benjamin. Jordan, a state of ten-**
sion. Council of Middle Eastern affairs
press '59 p401-24
- JOSEPH, Saint**
Rondet, Henri. Saint Joseph; tr. and ed. by
Donald Attwater. Kenedy '56 p241-3

JOUANDEAU, Marcel (Marcel Provence, pseud) 1888-
Ouvres de Marcel Jouhandeau. Biblio 25:10-11 O '57

JOURNALISM

Alkisky, Marvin. Latin American journalism bibliography. Fondo de publicidad interamericana '58 59p

Association générale de la presse belge. Section bruxelloise. Bibliothèque. Catalogue. Catalogus. Maison de la presse '56 36p

Bibliography. See numbers of Gazette

Clark, Wesley Clarke, ed. Journalism tomorrow. Syracuse univ. press '58 p 121-9

Emig, Elmer Jacob. General bibliography of references available on journalism and communications in the University of Florida. School of journalism & communications, Univ. of Fla. '57? 30p

Fraser, Peter. Intelligence of the secretaries of state & their monopoly of licensed news, 1660-1688. Cambridge '56 p 165-72

Masters' theses compiled in journalism, 1949-50[-1951-52] Journalism Q 28:100-7; 29:78-84; 30:115-17 Winter '51, Winter '52, Winter '53

Peterson, Theodore Bernard. Magazines in the twentieth century. Univ. of Ill. press '56 p397-411

Report on current research in schools of journalism, 1950-51[-1956-57] Journalism Q 28:93-9; 29:74-8; 30:112-14; 31:140-9; 32:109-18; 33:144-23; 34:135-43; 35:122-30; 36:104-14 Winter '51, Winter '52, Winter '53, Winter '54, Winter '55, Winter '56, Winter '57, Winter '58, Winter '59

Rucker, Frank Warren, and Williams, Herbert Lee. Newspaper—organization and management. Iowa state college press '55 p525-9

Schlebecker, John T. and Hopkins, Andrew W. History of dairy journalism in the United States, 1810-1950. Univ. of Wis. press '57 p334-90

Selected bibliography from foreign journals. See numbers of Journalism quarterly

Survey of the periodicals. See numbers of Gazette

Wolsey, Roland Edgar. Journalist's bookshelf; an annot. and sel. bibliog. of U.S. journalism. 6th ed Quill & Scroll foundations '55 212p annot

Wolsey, Roland Edgar, and Campbell, Lawrence Randolph. Exploring journalism; with emphasis on its social and professional aspects. 3d ed (Prentice-Hall journalism ser) Prentice-Hall '57 incl bibliog

See also

College and school journalism
Feuilletons
Freedom of the press
Newspapers
Periodicals
Press

History

Ester, Carl d'. Der traum eines lebens: ein deutsches institut für internationale presseforschung und ein weltpressemuseum; ein beitrage zur geschichte der int. zeitungswissenschaft. Donau kurier '57 p209-37

JOURNALISM

Research in progress

Report on current research in schools of journalism, 1950-51[-1956-57] Journalism Q 28: 93-9; 29:74-8; 30:112-14; 31:140-9; 32:109-18; 33:114-23; 34:135-43; 35:122-30; 36:104-14 Winter '51, Winter '52, Winter '53, Winter '54, Winter '55, Winter '56, Winter '57, Winter '58, Winter '59

Study and teaching

Scott, Alan. Secondary school journalism; current practices and trends in Texas high schools. (Research study no 19) Tex. study of secondary education '55 p47-8

Germany

Fliess, Peter J. Freedom of the press in the German Republic, 1918-1933. (La. state univ. studies. Social science ser. no4) La. state univ. press '55 p99-117

Japan

Yamamoto, T. List of books and articles on journalism published in Japan. Gazette 4 no2:197-8 '58

United States

Kobre, Sidney. Journalism history guidebook. Nat. college press '55 incl bibliog

History

Zenger, Peter. Trial of Peter Zenger; ed. and with an introd. and notes by Vincent Buranelli. N.Y. univ. press '57 p 147-50

JOURNALISTIC research

Carter, R. E. Field research in journalism: a tentative review and appraisal. J Marketing 21:146-8 O '56

JOURNALISTS

Angel, Juvenal Londoño. Careers in journalism. (Monograph no46) World trade '57 p24-6

JOUVET, Louis, 1887-1951

Knapp, Bettina Liebowitz. Louis Juvet, man of the theatre; with a foreword by Michael Redgrave. Columbia univ. press '57 p319-33

JOVELLANOS, Gaspar Melchor de, 1744-1811

Penalver Simó, Patricio. Modernidad tradicional en el pensamiento de Jovellanos; prólogo de Jesús Arellano. (Pubs. 70, no general; Seminario de historia del pensamiento. Colección Mar adentro, 1) Escuela de estudios hispano-americanos de Sevilla '53 p 153-9

JOY and sorrow

Jackson, Edgar Newman. Understanding grief; its roots, dynamics, and treatment. Abingdon '57 p243-7

JOYCE, James, 1882-1941

Beebe, M. and Litz, W. Criticism of James Joyce; a sel. checklist with an index to studies of separate works. Mod Fict Stud 4:71-99 Spring '58

Cohn, A. M. Further supplement to James Joyce bibliography 1950-1957. James Joyce R 2:40-54 Spring '58

Hayman, David. Joyce et Mallarmé. (Cahiers des Lettres modernes. Coll. Confrontations, no2) Lettres modernes '56 2v v2, p239-45 Illinois. Southern Illinois university, Carbondale. Library. James Joyce; an exhibition from the coll. of Dr. H. K. Croessmann, Feb, 1957; catalog prepared by Alan M. Cohn. The library '57 13p

Kain, R. M. Supplement to James Joyce bibliography, 1954-1957. James Joyce R 1: 38-40 D '57

Magalander, Marvin, and Kain, Richard Morgan. Joyce: the man, the work, the reputation. N.Y. univ. press '56 p351-64 annot

Mizener, Arthur. Cornell Joyce collection. given to Cornell university by William G. Mennen. Cornell univ. lib. '58 13p

Stewart, John Innes Mackintosh. James Joyce. (Bibliog. ser. of sups. to British bk. news. no91) Longmans '57 p39-43

Sullivan, Kevin. Joyce among the Jesuits. Columbia univ. press '58 p241-6

Walker, B. M. James Joyce bibliography. Manchester R 8:151-60 Spring '58

White, W. Addenda to James Joyce bibliography, 1950-1953 [1954-1957] James Joyce R 1:9-26 Je; 3-24 S '57

JÓZSEF, Attila, 1905-1937

Reguli, Ernő. Irások József Attiláról, bibliográfia. (A Szegei egyetemi könyvtár kiadványai, no31) Tudományegyetem könyvtár '55 40p

JUAN, Don

Singer, Armand Edwards. Bibliography of the Don Juan theme; versions and criticism. (Bul. ser54, no 10-1) W.Va. univ. '54 174p

—First [-Third supplement] (Bul. ser56, no 11-1; Bul. ser58, no 11-2; Bul. ser60, no5-1) W.Va. univ. '56, '59 3v annot

Weinstein, Leo. Metamorphoses of Don Juan. (Stanford studies in language and literature, 18) Stanford univ. press '59 p177-214

JUBILEE volumes. See Festschriften

JUCHHOFF, Rudolf, 1894-

Corsten, Hermann, and Lohse, Gerhart. Kölner schule; festgabe zum 60. geburtstag von Rudolf Juchhoff [biblog. von E. A. Drawert] Greven verlag '55 p219-25

JUDAISM

Baron, Salo Wittmayer. Social and religious history of the Jews. 2d ed rev & enl Columbia univ. press '52-'58 8v v 1. p293-415; v2. p325-436; v3. p223-340; v4. p229-352; v5. p287-416; v6. p315-486; v7. p215-321; v8. p267-405

Berger, A. and Kaufman, R. Jewish encyclopedias and other reference books in the last twenty years. (In Jewish book annual, 1957-1958. (V 15) Jewish book council of Am. '57 p41-9)

Current literature. See numbers of Journal of Jewish studies

JUDAISM—*Continued*

- Finkelstein, Louis, ed. *Jews: their history, culture, and religion*. 2d ed Harper '55 2v incl bibliog
- Glazer, Nathan. *American Judaism*. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 168-72 annot
- Heschel, Abraham J. *Between God and man: an interpretation of Judaism; from the [author's] writings* sel. ed. and introd. by Fritz A. Rothschild. Harper '59 p263-7
- Markowitz, Sidney L. *What you should know about Jewish religion, history, ethics and culture*. Citadel press '55 p221-2
- Noveck, Simon, ed. *Judaism and psychiatry; two approaches to the personal problems and needs of modern man*. Basic bks. '56 p 193-7
- Same. Nat. acad. for adult Jewish studies, United synagogue of Am. '56 p 193-7
- Roubos, K. *Profetie en cultus in Israël*. (Prophecy and cult in Israel) Achtergrond en betekenis van enige profetische uitspraken inzake de cultus; een exegetische studie (with summary in English) Veenman '56 p 127-30
- Trattner, Ernest Robert. *Understanding the Talmud*. Nelson '55 p203-5
- Zionist year book, 5715 (Sept. 1954-Sept. 1955). (V4) Zionist federation of Great Britain & Ireland '54 p 135-67
- See also*
Christianity and other religions—Judaism
- JUDGEMENT (psychology)**
Flanagan, J. C. *Critical incident technique*. Psychol Bul 51:356-8 JI '54
- See also*
Choice (psychology)
- JUDICIAL review**
Haines, Charles Grove. *American doctrine of judicial supremacy*. 2d ed rev. & enl (Calif. Univ. Univ. at Los Angeles, Pubs. in social sciences, v 1) Russell & Russell '59 p663-77
- JUDO**. See Jiu-jitsu
- JUGENDSTIL**. See Art nouveau (movement)
- JUGIE**, Martin, 1878-1954
Mélanges Martin Jugie. (Revue des études byzantines, v 11) Inst. français d'études byzantines '53 p 19-32
- JUGO**, Miguel de Unamuno y. See Unamuno y Jugo, M. de
- JUGOSLAVIA**. See Yugoslavia
- JUKAGHIR language**. See Yukaghir language
- JUNG**, Carl Gustav, 1875-
Hostie, Raymond. *Religion and the psychology of Jung*; tr. by G. R. Lamb. Sheed '57 p224-44
- Jacobi, Jolande. *Complex, archetype, symbol in the psychology of C. G. Jung*; tr. from the German by Ralph Manheim. (Bollingen ser. 57) Pantheon bks. '59 p201-4
- Le Disque vert. C. G. Jung [texte de C. G. Jung, et al] *The periodical* '55 p391-2
- Lewis, A. *Jung's early work*. J Anal Psychol 2:135-6 JI '57
- JUNGDEUTSCHER orden**
Hornung, Klaus. *Der Jungdeutsche orden. (Beiträge zur geschichte des parlamentarismus und der politischen parteien, v 14)* Droste verlag '58 p 145-55
- JUNGER**, Ernst, 1895-
Loose, Gerhard. *Ernst Jünger; gestalt und werk*. Klostermann '57 p371-80
- Mohler, Armin, ed. *Freundschaftliche begnungen; festschrift für Ernst Jünger zum 60. geburtstag*. Klostermann '55 p233
- JUNGSMANN**, Josef Andreas, 1889-
Arnold, Franz Xaver, and Fischer, Balthasar, eds. *Die messe in der glaubensverkündigung; kerygmatische fragen; festschrift für P. Josef Andreas Jungmann zu seinem 60. geburtstag*. 2d ed Herder '53 p377-82
- JUNIOR colleges**
Florida. University. College of education. Education library. Community college; the public junior college movement. (Bibliog. no 10) *The library* '55 8p
- Same. 2d ed (Bibliog. no26) *The library* '57 10p
- Same. 3d ed (Bibliog. no32) *The library* '58 12p
- Hillway, Tyrus. *American two-year college*. (Exploration ser. in education) Harper '58 p259-62
- Martorana, S. V. *Readings on the junior college*. (In National society for the study of education. Public junior college; prepared by the Yearbk. com; ed. by Nelson B. Henry. (Yearbk. 55, pt 1) *The society* '56 p323-38) annot
- Morrison, D. Grant, and Martorana, Sebastian V. *2-year community college; an annot. list of studies and surveys*. (U.S. Office of education. Bul. 1958, no 14) U.S. Gov. ptg. office '58 33p
- JUNIOR high schools**
Brown, Kenneth E. and Wright, Grace (Stevens). *Curriculum problems of junior high schools*. (Circ. no430) U.S. Office of education '55 8p
- Florida. University. College of education. Education library. Junior high school. (Bibliog. no33) *The library* '58 6p
- Gaumnitz, Walter Herbert, and Lewis, Gertrude Minnie. *Selected references to the junior high school*. (Circ. no369) U.S. Office of education '53 10p
- Gaumnitz, Walter Herbert, and others. *Junior high school facts; a graphic analysis*. (Misc. no21) U.S. Office of education, '55 p64-71
- Gruhn, William Theodore, and Douglass, Harl Roy. *Modern junior high school*. 2d ed (Douglass ser. in education) Ronald '56 p391-410
- Hunt, DeWitt. *Art education in junior high schools, a bibliography*. (Circ. no434) U.S. Office of education '55 8p
- Hunt, De Witt. *Industrial arts in the junior high school, a bibliography*. (Circ. no433) U.S. Office of education '55 8p
- Koos, Leonard Vincent. *Junior high school trends*. (Exploration ser. in education) Harper '55 p 145-65 annot
- McNeely, Simon August, and Pelley, Albert L. *Health, physical education, athletics, safety, and outdoor education in the junior high school; some representative references*. (Circ. no432) U.S. Office of education '55 15p
- National association of secondary-school principals. Committee on junior high school education. *Selected references to the junior high school, 1950-56; a listing of the significant literature on the 3-year junior high school; prepared by Ellsworth Tompkins and Virginia Roe*. The association '56 11p
- New York (state). University. *Design for improving early secondary education in New York state; suggestions to schools and their communities for improving educational programs in grades 7, 8 and 9*. The university '54 p 105-18
- Shuford, Iris Lenora. *Trends in theory and practices in the junior high school: 1940-1954*. (Research bul. no22) Tex. study of secondary education '57 p43-9
- Tompkins, Ellsworth, and Gaumnitz, Walter Herbert. *Organization, administration, and supervision of junior high schools; a bibliography*. (Circ. no425) U.S. Office of education '55 12p
- JUNIUS**, pseud. fl 1768-1772
Bowyer, Tony Harold. *Bibliographical examination of the earliest editions of the letters of Junius*. Univ. of Va. press '57 147p
- Cordasco, F. *Addendum to the Junius bibliography*. Bul Bibliog 22:96 S '57
- JUNTKE**, Fritz, 1886-
Langer, Gottfried. *Fritz Juntke zu seinem 70. geburtstag am 3. september 1956; verzeichnis seiner 1913-1956 veröffentlichten druckschriften*. (Schriften zum bibliotheks- und büchereiwesen in Sachsen-Anhalt, 15) Universitäts- & landesbibliothek '56 p8-12
- JURISDICTION (canon law)**
Brentano, Robert. *York metropolitan jurisdiction and papal judges delegate (1279-1296)*. (Calif. Univ. Pubs. in history, v58) Univ. of Calif. press '59 p259-77
- JURISDICTION (international law)**
Essen, Jan Louis Fredrik van. *Immunities in international law; with the collaboration of J. L. G. Tichelaar*. (Hague. Palace of peace. Lib. Sel. bibliogs, 3) Sijthoff '55 56p
- JURISPRUDENCE**
See also
Law
Law and society
Medical jurisprudence
- JUSTICE**
Van Roo, William A. *Grace and original justice according to St Thomas*. (Analecta gregoriana, v75) Univ. gregoriana '55 p203-6
- JUSTICE, Administration of**
Germany
Döhring, Erich. *Geschichte der deutschen rechtspflege seit 1500*. Duncker & Humblot '53 p464-76

JUSTICE, Administration of—*Continued*

United States

- Mayers, Lewis. American legal system; the adm. of justice in the U.S. by judicial, adm. military, and arbitral tribunals. Harper '55 p569-62
- Tompkins, Dorothy Louise (Campbell) Culver. Administration of criminal justice, 1949-1956; a sel. bibliography. Bur. of public adm. Univ. of Calif. '56 351p

JUTE

- Bally, W. and Traupel, R. Jute and its substitutes. Ciba R no 108:3908 F '55
- Kundu, B. C. Jute—world's foremost bast fibre. Econ Bot 10:234-40 J1 '56

JUVENILE delinquency

Abstracts and references. See numbers of British journal of delinquency

- Bloch, Herbert Aaron. Bibliography of delinquency causation. N.Y. State youth comm. '54 17p

- Bloch, Herbert Aaron, and Flynn, Frank Thomas. Delinquency; the juvenile offender in America today. Random house '56 p 577-97

- Bornemann, E. Jugendprobleme unserer zeit. Psychol Rundsch 9:100-4 Ap '58

- California. Dept. of the youth authority. Juvenile delinquency bibliography: causes, extent, prevention, treatment; a sel. bibliog; comp. by Joseph P. Evans. The department '57 31p

- Cohen, A. K. Sociological research in juvenile delinquency. Am J Orthopsychiat 27: 787-8 O '57

- Colorado. State department of public welfare. Library. Juvenile delinquency. (Lib. counselor, v 12, no2) The library '57 49p annot

- Council on social work education. Committee on corrections. Casebook in correctional casework. The council '58 p63-6

- Diller, J. C. Comparison of the test performances of male and female juvenile delinquents. J Genetic Psychol 86:234-6 Je '55

- Florida. University. College of education. Education library. Juvenile delinquency: the home, the school, the court, and the child. 2d ed (Bibliog. no22) The library '57 10p

- Same. 3d ed (Bibliog. no25) The library '57 11p

- Fornwalt, Russel J. Juvenile delinquency; a list of resource material. Big brother movement '55-'57 30p

- Fornwalt, Russell J. Juvenile delinquency research review. Big brother movement '57 7p annot

- Juvenile delinquency. Lib J 81:1232-3 My '15 '56

- Kvaraceus, William Clement. Juvenile delinquency. (What research says to the teacher. 15) Dept. of classroom teachers. Am. educational research assn. '58 p29-32

- Kvaraceus, William Clement, and others. Delinquent behavior. Juvenile delinquency project. Nat. education assn. of the U.S. '59 2v incl bibliog

- London. Institute for the study and treatment of delinquency. Prevention of juvenile delinquency in selected European countries. Bur. of social affairs, Dept. of economic & social affairs, United nations '55 p 148-56

- Same; with title: La prevención de la delincuencia de menores en determinados países de Europa. Bur. of social affairs, Dept. of economic & social affairs, United nations '55 p 186-95

- Same; with title: La prévention de la délinquance juvénile dans certains pays européens. Bur. of social affairs, Dept. of economic & social affairs, United nations '55 p 181-9

- McCann, Richard Vincent. Delinquency; sickness or sin? Harper '57 p 166-72 annot

- McClellan, Grant S. ed. Juvenile delinquency. (Reference shelf v28, no2) Wilson '56 p 176-83

- McCord, William, and others. Origins of crime; a new evaluation of the Cambridge-Somerville youth study. Columbia univ. press '59 p209-10

- Manning, A. E. Bodgie; a study in abnormal psychology. Heinman '58 incl bibliog

- Maughns, S. B. Psychopathic personality; review of the literature 1947-54. Archives Crim Psychodyn 1:322-5 Spring '55

- Mieskes, Hans. Der jugendliche in der situation der straffälligkeit; untersuchung zum problem erziehung oder strafe. Fischer '56 p516-23

- National probation and parole association. Standards and guides for the detention of children and youth, by Sherwood Norman. The association '58 p 141-2

- Neumeyer, Martin Henry. Juvenile delinquency in modern society. 2d ed (Van Nostrand ser. in sociology) Van Nostrand '55 incl bibliog

- New York (city). Board of education. What secondary schools can do about teen-age narcotics addiction. (Curriculum bul. 1956-57 ser. no3) The board '57 p26-7

- Scott, P. Gangs and delinquent groups in London. Brit J Delinq 7:25-6 J1 '56

- Stotsky, B. A. and others. Society's orphans; a study in a residential setting of adolescents with problems. J Psychol 44:103-4 J1 '57

- Taylor, Earl A. Juvenile delinquency and functional readiness. Reading & study skills center '58 p26-31

- Trent, R. D. Expressed values of institutionalized delinquent boys. J Genet Psychol 92:146-8 Je '58

- United nations. Department of economic and social affairs. Comparative survey of juvenile delinquency; pt 1, North America. (ST/SOA/SD/Rev. 1) The department '58 p 126-34

- United States. Children's bureau. Studies in juvenile delinquency; a sel. bibliog, 1939-1954. The bureau '56 37p

- United States. Superintendent of documents. Children's bureau and other publications relating to children and youth. (Price list 71, 40th ed) U.S. Gov. ptg. office '59 7p

- Weaver, Anthony. They steal for love; an experiment in education and psychiatry with children and parents. Int. univs. press '59 p 213-19 annot

- Woodward, M. Role of low intelligence in delinquency. Brit J Delinq 5:300-3 Ap '55

See also

- Gangs
Juvenile detention homes

JUVENILE detention homes

- National probation and parole association. Standards and guides for the detention of children and youth. The association '58 p 141-2

JUVENILE literature. See Children's literature

K

KAFKA, Franz, 1883-1924

- Benson, A. Franz Kafka: an American bibliography. Bul Bibliog 22:112-14 Ja '58

- Flores, Angel. Bibliographical index of the complete works of Franz Kafka. Language, literature & arts div, Paul Klapper lib, Queens college '56 9p

- Flores, Angel, Franz Kafka: biography and criticism; a bibliography. Language, literature & arts div, Paul Klapper lib, Queens college '56 23p

- Flores, Angel, and Swander, Homer, eds. Franz Kafka today. Univ. of Wis. press '58 p251-85

- Goth, Maja. Franz Kafka et les lettres françaises, 1928-1955. Corti '56 [i.e. '57] p257-82

- Hemmerle, Rudolf. Franz Kafka; eine bibliographie. Lerche '58 138p

- Wagenbach, Klaus. Franz Kafka; eine biographie seiner jugend, 1883-1912. Francke '53 p 189-91, 277-337

KAHLE, Paul Ernst, 1875-

- Kahle, Paul Ernst. Opera minora; festgabe zum 21. jan. 1956. Brill '56 p xi-xviii

KAISER, Georg, 1878-1945

- Kenworthy, Brian J. Georg Kaiser. (Modern language studies) Blackwell '57 p207-15

KAISER, John Boynton, 1887-

- Newark. New Jersey. Free public library. Annotated bibliography of the writings of John Boynton Kaiser, published 1911 to 1958; prepared on the occasion of his retirement as director, Apr. 15, 1943-July 2, 1958, of the Newark public library. (NPL news. Sup) The library '58 32p

- KALLEN, Gerhard, 1884-**
Engel, Josef, and Klinkenberg, Hans Martin, eds. *Aus mittelalter und neuzeit* [Festschrift Gerhard Kallen zum 70. geburtsdag dargebracht von kollegen, freunden und schülern [bibliog. by Margarete Keunel] Hanstein '57 p387-94]
- KANARESE literature**
Karnatak university, Dharwar, India. Library. Select list of Kannada books, 1824-1956. The library '56 77p
- KANDINSKY, Wassily, 1866-1944**
Grohmann, Will. Wassily Kandinsky; leben und werk. Verlag M. DuMont Schauberg '58 p413-25
—Same [with title: Wassily Kandinsky; life and work [tr. from the German by Norbert Guterman] Abrams '58 p413-25
Kandinsky, Wassily. Wassily Kandinsky, par Max Mill, avec la participation de Jean Arp [et al bibliog. par N. Kandinsky] Maeght '51 p 142-4
- KANNADO literature.** See Kanarese literature
- KANSAS**
Economic conditions
Sheridan, Richard. Economic history, 1500-1900. (Economic development in south central Kan, pt 1 A) Bur. of business research, Univ. of Kan. '56 p279-87
History
Bonner, Thomas Neville. Kansas doctor; a cent. of pioneering. Univ. of Kan. press '59 p311-21
Kansas history as published in the press. See numbers of Kansas historical quarterly
Monaghan, James. Civil war on the western border, 1854-1865. Little '55 p399-433
- KANT, Immanuel, 1724-1804**
Glasenapp, Helmuth von. Kant und die religionen des Ostens. (Jahrbuch der Albertus-Univ. zu Königsberg/Pr. Sup5) Holzner-verlag '54 p xv-xx
Miller, Oscar W. Kantian thing-in-itself; or, The creative mind. Philosophical lib. '56 p 136-40
- KAPPA.** See Plasmagenes
- KARL August, grand duke of Saxe-Weimar-Eisenach, 1757-1828**
Karl August, grand duke of Saxe-Weimar-Eisenach. Politischer briefwechsel des Herzogs und Grossherzogs Carl August von Weimar; hrsg. von Willy Andreas; v 1, Von den anfängen der regierung bis zum ende des fürstenbundes, 1778-1790. (Quellen zur deutschen geschichte des 19. und 20. jahrhunderts, v37) Deutsche verlags-anstalt '54 p579-86
- KAROK Indians**
Bright, William. Karok language. (Calif. Univ. Pubs. in linguistics, v 13) Univ. of Calif. press '57 p2-3
- KARYOKINESIS**
Anderson, N. G. Theoretical approach to the primeval mechanism, the initiation of cell division, and chromosomal condensation. Q R Biol 31:192-9, 264-9, S-D '56
Ar-Rushdi, A. H. Cytogenetics of variegation in a species hybrid in nicotiana. Genetics 42:325 My '57
Bull, A. L. Developmental effects of the vg^B deficiency in drosophila melanogaster. J Exp Zool 132:498-500 Ag '56
Davidson, D. Irradiation of dividing cells: changes in sensitivity to X-rays during mitosis. Ann Bot 22:194-5 Ap '58
Duncan, R. E. and Persidsky, M. D. Achromatic figure during mitosis in maize endosperm. Am J Bot 45:728-9 D '58
Leedale, G. F. Periodicity of mitosis and cell division in the euglenineae. Biol Bul 116:173-4 F '59
Naylor, J. M. Control of nuclear processes by auxin in axillary buds of tradescantia paludosa. Can J Bot 36:231-2 Mr '58
Newcomer, E. H. Mitotic chromosomes of the domestic fowl. J Heredity 48:233-4 S '57
Overton, J. Mitotic response of regenerating amphibian fin to feeding and grafting. J Exp Zool 136:285-6 N '57
Popham, R. A. Cytogenetics and zonation in the shoot apex of chrysanthemum morifolium. Am J Bot 45:206 Mr '58
Savelkoul, R. M. H. Distribution of mitotic activity within the shoot apex of elodea densa. Am J Bot 44:316-17 Ap '57
- Symposium on mitogenesis. Lemont, Illinois, 1956. Mitogenesis; ed. by Howard S. Ducoff and Charles F. Ehret. (Developmental biology conference ser. 1956) Univ. of Chicago press '59 p 109-14
- KASHMIR**
Crane, Robert I. ed. Area handbook on Jammu and Kashmir state; project staff: Walter Hauser [and others] prelim ed (Human relations area files. Subcontractor's monograph, HRAF-24) Univ. of Chicago '56 incl bibliog
- Politics and government
Khan, Mohammed Matalnur Rahman. United nations and Kashmir. Wolters '54 p204-13
- KASNER, Edward, 1878-1955**
Douglas, J. Edward Kasner. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p 198-209)
- KATANGA, Belgian Congo**
Walraet, Marcel. Bibliographie du Katanga. (Pubs. sér C. Bibliog. fasc. 1-2) Com. spécial du Katanga '54-'56 2v
- KATINAS**
Anderson, F. G. Pueblo cachina cult: a historical reconstruction. Sw J Anthropol 11:418-19 Winter '55
- KAUFFMANN, Hans, 1896-**
Braunfels, Wolfgang, ed. Kunstgeschichtliche studien für Hans Kauffmann [bibliog. by V. von Below and G. Bandmann] Gebr. Mann '56 p272-5
- KAUFMANN, Fritz, 1891-**
Landgrebe, L. Veröffentlichungen von Fritz Kaufmann. Z Philo Forsch 12:613-15 O '58
- KAYSER, Heinrich Gustav Johannes, 1853-1940**
Herzberg, G. Heinrich Kayser, 1853-1940. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p 141-3)
- KAZAKHSTAN**
Krader, Lawrence. Bibliography of Kazakhstan. Bur. of social science research, Am. univ. '54 40p
- KEATS, John, 1795-1821**
Current biography. Keats-Shelly J 4:109-30; 5:117-41; 6:129-57; 7:109-39; 8 no 1:51-86 '55-59
Slote, Bernice. Keats and the dramatic principle. Univ. of Nev. press '58 p215-24
- KEITH, Arthur, 1864-1944**
Longwell, C. R. Arthur Keith, 1864-1944. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p 197-200)
- KEITH, Sir Arthur, 1866-1955**
Le Gros Clark, W. E. Arthur Keith, 1866-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society. The society '55 p 156-61)
- KELTS.** See Celts
- KEMP, Tage, 1896-**
Books and papers by Tage Kemp; a bibliography. Acta Genet & Stat Med 5 no4 pt 1:287-93 '55
- KENNAWAY, Sir Ernest Laurence, 1881-1958**
Cook, J. W. Ernest Laurence Kennaway. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p 150-4)
- KENSINGTON rune stone**
Wahlgren, Erik. Kensington stone, a mystery solved. Univ. of Wis. press '58 p215-22
- KENTUCKY**
Overstreet, Anne E. Books, pamphlets and reprints of Willard Rouse Jilison; a bibliography (1917-1953) Linden press '54 33p
Thompson, Lawrence Sidney. Kentucky tradition. Shoe string '56 p 182-93 annot
- Fiction
Woodbridge, H. C. Kentucky novel; 1951-5. Ky Hist Soc Reg 54:134-45 Ap '56 annot
- History
Jennings, Walter Wilson. Transylvania; pioneer university of the West. Pageant press '55 p301-9
Kentucky. University. Library. Writings on Kentucky history, 1955. (Bul. 17) The library '57 22p
Kentucky historical society. Guide to the manuscripts of the Kentucky historical society [by] G. Glenn Clift. The society '55 185p

KENTUCKY—History—Continued

Ware, Charles Crossfield. Kentucky's Fox Creek; vignettes of the village church, and of the R. H. Crossfield heritage. The author '57 p69-70

Politics and government

Reeves, John Estill. Kentucky government. Bur. of gov. research, Univ. of Ky. '55 incl bibliog

KENYON, John Samuel, 1874-

Kenyon, John Samuel. Annotated bibliography of the publications of John S. Kenyon. The author '54 23p

KEPLER, Johann, 1571-1630

Kepler, Johann. Johannes Kepler: Leben und briefe [von] Carola Baumgardt; eingeleitet von Albert Einstein; aus dem lateinischen und dem englischen übersetzt, ergänzt und mit einem nachbericht, hrsg. von Helmut Minkowski. (Limes bücher, 2) Limes verlag '53 192p

KERR, Sir John Graham, 1869-1957

Hindle, E. John Graham Kerr. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1958. The society '58 p 164-6)

KERSCHENSTEINER, Georg Michael Anton, 1854-1932

Wehle, Gerhard. Praxis und theorie im lebenswerk Georg Kerschensteiners. (Göttinger studien zur pädagogik, new ser. no 1) Beltz '56 p 167-75

KETOSIS. See Acetonemia**KETRZYŃSKI, Wojciech, 1838-1918**

Chojnacki, Władysław, ed. Sprawy Mazur i Warmii w korespondencji Wojciecha Ketrzyńskiego. Zakład narodowy im. Ossolińskich '52 p325-6

KEY novels. See Livres à clefs**KEYLAND, Nils, 1867-1924**

Keyland, Nils. Folkliiv i Värmlands finnmarker; efterlämnade uppsatser och bilder. (Handlingar, 46) Nordiska museet '54 p79-81

KEYNES, John Maynard Keynes, baron, 1883-1946

Harris, Seymour Edwin. John Maynard Keynes, economist and policy maker. (Twentieth century lib) Scribner '55 p221-2
Means to prosperity by J. M. Keynes [and others] with a bibliog. by Seymour E. Harris. (Economica bks, E-15) Smith, Keynes & Marshall '59 p91-2

KEYS, Thomas Edward, 1908-

McDaniel, W. B. Thomas E. Keys. Med Lib Assn Bul 45:577-80 O '57

KHALKA language

Poppe, Nikolai Nikolaevich. Khalkhamongolische grammatik, mit bibliographie, sprachproben und glossar. (Akad. der wissenschaften und der literatur, Mainz. Orientalische kommission. Veröffentlichungen, v 1) Steiner '51 p 126-37

KHAZARS

Yarnollinsky, A. Khazars: a bibliog. 1940-1958. N Y Pub Lib Bul 63:237-41 My '59

KIDNEYS

Edvall, C. A. Renal function in hyperparathyroidism; a clinical study of 30 cases with special reference to sel. renal clearance and renal vein catheterization. (Sup229) Acta chirurgica scandinavica '58 p52-6

Kill, Fredrik. Function of the ureter and renal pelvis; pressure recordings and radiographic studies of the normal and diseased urinary tract of man. Saunders '57 p 198-205

McDonald, J. and Macfarlane, W. V. Renal function of sheep in hot environments. Australian J Ag Res 9:691-2 S '53

Smith, Homer William. From fish to philosopher. Little '53 p213-54

See also

Diuretics and diuresis
Urine

Diseases

Atlas, Donald Herman, and Gaberman, Peter. Reversible renal insufficiency; diagnosis and treatment. Williams & Wilkins '58 p204-26

Ekström, Tore. Renal hypoplasia; a clinical study of 179 cases [tr. by Joan Whitehouse] (Sup203) Acta chirurgica scandinavica '55 p 146-50

Griffith, W. H. Renal lesions in choline deficiency. Am J Clin Nutrition 6:269-70 My '58

Merrill, John P. Treatment of renal failure; therapeutic principles in the management of acute and chronic uremia. Grune '55 p213-29

Muehrcke, Robert C. and others. Lupus nephritis. William & Wilkins '57 p 133-45

Risholm, Lars. Studies on renal colic and its treatment by posterior splanchnic block. (Acta chirurgica scandinavica. Sup 184) Almqvist '54 p60-4

Sarre, Hans. Nierenkrankheiten; physiologie, pathophysiologie, klinik und therapie. Thieme '58 p504-18

See also

Calculi, Urinary

Radiography

Edsman, Gunnar. Angionephrography and suprarenal angiography; a roentgenologic study of the normal kidney, expansive renal and suprarenal lesions and renal aneurysms [from the Swedish by Lois Goldie-Kjellman] (Sup 155) Acta radiologica '57 p 135-41

Helander, Carl Gustaf. Nephrographic effect and renal arteriographic damage; an experimental study. (Sup 163) Acta radiologica '58 p82-7

Widen, Torsten. Renal angiography during and after unilateral ureteric occlusion; a long-term experimental study in dogs [tr. by L. James Brown] (Sup 162) Acta radiologica '58 p 100-3

KIERKEGAARD, Søren Aabye, 1813-1855

Croxall, Thomas Henry. Kierkegaard commentary. Harper '56 p256-7

Fabro, Cornelio, ed. Studi kierkegaardiani: con un inedito di Soeren Kierkegaard [scritti di] N. Abbagnano [et al] Morceliana '57 p417-33

Kierkegaard, Søren Aabye. Johannes Climacus; or, De omnibus dubitandum est; and, A sermon: tr. with an assessment by T. H. Croxall. (Lib. of modern religious thought) Stanford Univ. press '58 p 190-6

Kierkegaard, Søren Aabye. Prayers of Kierkegaard; ed. and with a new interpretation of his life and thought, by Perry D. LeFevre. Univ. of Chicago press '56 p243-5

Theunissen, M. Das Kierkegaardbild in der neueren forschung und deutung (1945-1957) Deutsch Vierteljahrs Literaturw & Geistesgesch 32:576-612 N '58

Thomas, John Heywood. Subjectivity and paradox. Macmillan '57 p 173-4 annot

KILIMANJARO

Salt, G. Contribution to the ecology of upper Kilimanjaro. J Ecol 42:422-3 Jl '54

KILLARNEY

Bourke, Francis Stephen. Hand-list of books on Killarney. (Pubs, v6, no2) Bibliog. soc. of Ireland '53 24-34p

KINDERGARTEN

Dillard, Pauline (Hargis). Church kindergarten. Broadman '58 incl bibliog

Foster, Josephine (Curtis) and Headley, Neith E. Education in the kindergarten. 3d ed. rev. by Neith E. Headley. Am. bk. '59 incl bibliog

Heinz, Mamie Wilhelmina. Growing and learning in the kindergarten. John Knox press '59 incl bibliog

Lambert, Hazel M. Teaching the kindergarten child. Harcourt '58 incl bibliog

Leavitt, Jerome Edward, ed. Nursery-kindergarten education [by] Anna Beth Brown [and others] McGraw '58 p346-58

National education association. Department of kindergarten-primary education. Kindergarten-primary education; an annot. and indexed bibliog; prepared by a Com. of Detroit teachers with the assistance of the NEA division. The department '55 36p

Peterson, Helen Thomas. Kindergarten: the key to child growth; a new comprehensive guide for teachers and parents. Exposition '58 p 175-200 annot

Selected references on kindergarten-primary education El Sch J 55:413-17; 56:325-9 Mr '55, Mr '56 annot

Selected references on preschool, parental, and kindergarten primary education. El Sch J 56:272-6; 57:335-41; 58:347-56; 59:349-55 F '56, Mr '57, Mr '58, Mr '59 annot

See also

Day nurseries
Nursery schools

- KINEMATICS**
See also
Machinery, Kinematics of
- KINESTHESIA**
Scott, M. G. Measurement of kinesthesia. Res Q 26:341 O '55
- KINETICS**. See Dynamics: Propellants
- KING, Clarence, 1842-1901**
Wilkins, Thurman. Clarence King; a biography. Macmillan '58 p357-78
- KING, Harold, 1887-1956**
Harrington, C. R. Harold King, 1887-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p 167-71)
- KING, Henry Churchill, 1858-1934**
Love, Donald M. Henry Churchill King of Oberlin. Yale univ. press '56 p288-91 annot
- KING, Louis Vessot, 1886-1956**
Foster, J. S. Louis Vessot King, 1886-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 107-8)
- KINGDOM of God**
Hodges, Jesse Wilson. Christ's kingdom and coming; with an analysis of dispensationalism. Eerdmans '57 p237-40
- KINGS and rulers**
Kantorowicz, Ernst Hartwig. King's two bodies; a study in mediaeval political theology. Princeton univ. press '57 p517-30
See also
Belgium—Kings and rulers
Coronations
Despotism
Roman emperors
- KINSEY, Alfred Charles, 1894-1956**
Himmelhoch, Jerome, and Fava, Sylvia Fleis, eds. Sexual behavior in American society; an appraisal of the first two Kinsey reprints; ed. for the Soc. for the study of social problems. Norton '55 p417-35
- KINSHIP**
Berndt, R. M. Murngin (Wulamba) social organization. Am Anthropol 57:105-6 F '55
Edmonson, M. S. Kinship terms and kinship concepts. Am Anthropol 59:412-15 Je '57
Gibson, G. D. Double descent and its correlates among the Herero of Namaland. Am Anthropol 58:138-9 F '56
Goody, John Rankine, ed. Developmental cycle in domestic groups. (Cambridge papers in social anthropology, no 1) Cambridge '58 incl bibliog
Hoijer, H. Athapaskan kinship systems. Am Anthropol 58:332-3 Ap '56
Kaut, Charles R. Western Apache clan system: its origins and development. (N.Mex. Univ. Pubs. in anthropology, no9) Univ. of N.Mex. '57 p95-9
Murphy, R. F. Matrilocality and patrilineality in Mundurucu society. Am Anthropol 58:433-4 Je '56
Romney, A. K. and Epling, P. J. Simplified model of Kariera kinship. Am Anthropol 60:73-4 F '58
Schmitt, Karl, and Schmitt, Iva Osana. Wichita kinship, past and present. Univ. bk. exchange '53? p71-2
Titiev, M. Importance of space in primitive kinship. Am Anthropol 58:864-5 O '56
Young, Michael, and Willmott, Peter. Family and kinship in east London. (Inst. of community studies. Repts. 1) Free press '57 p223-6
See also
Consanguinity
Indians of North America—Kinship
- KIRCHNER, Ernst Ludwig, 1880-1938**
Stuttgarter kunstkabinett Roman Norbert Ketterer. Ausstellung E. L. Kirchner, 1880-1938; gemälde, aquarelle, zeichnungen, graphik; zur erinnerung an den 75. geburts-tag des künstlerers; 8. sept. bis 20. okt. 1956. The firm '56 p7-9
- KIRK, Edwin, 1884-1955**
Cooper, G. A. Memorial to Edwin Kirk (1884-1955) Geol Soc Am Proc 1956:144-6 S '57
- KLABUND, pseud. See Henschke, A.**
- KLAGES, Ludwig, 1872-1956**
Hager, Wilhelm. Ludwig Klages in memoriam, 10. dezember 1872-29. juli 1956. Barth '57 p32-8
- KLAPROTH, Martin Heinrich, 1743-1817**
Dann, Georg Edmund. Martin Heinrich Klaproth, 1743-1817, ein deutscher apotheker und chemiker; sein weg und seine leistung. Akademie-verlag '58 p 109-39
- KLEBEL, Ernst, 1896-**
Klebel, Ernst. Probleme der bayerischen verfassungsgeschichte; gesammelte aufsätze. (Schriftenreihe zur bayerischen landesgeschichte, v57) Beck '57 p481-4
- KLEE, Paul, 1879-1940**
Grohmann, Will. Paul Klee. 2d ed Kohlhammer '54 p428-41
—Same [bibliog. by Hannah Muller Applebaum] Abrams '54 p432-45
Klee, Paul. Das bildnerische denken; schriften zur form- und gestaltungslehre, hrsg. und bearb. von Jürg Spiller. Schwabe '56 p523-4
San Lazzaro, Gualtieri di. Klee; a study of his life and work; tr. from the Italian by Stuart Hood. Praeger '57 p284-6 annot
- KLEIST, Heinrich von, 1777-1811**
March, Richard. Heinrich von Kleist. (Studies in modern European literature and thought) Bowes '54 p59-60
Sembdner, Helmut. ed. Heinrich von Kleists lebensspuren; dokumente und berichte der zeitgenossen. (Sammlung Dietrich, v 172) Schönmeyer '57 p519-32
- KLEMPERER, Victor, 1881-**
Heintze, Horst, and Silzer, Erwin, eds. Im dienste der sprache; festschrift für Victor Klemperer zum 75. geburts-tag am 9. oktober 1956 [bibliog. by H. Kunzel] Niemeyer '58 p 1-40
- KLIEMANN, Horst, 1896-**
Hodeige, Fritz, ed. Das werck der bucher; von der wirksamkeit des buches in vergangenheit und gegenwart; eine festschrift für Horst Kliemann zu seinem 60. geburts-tag. Rombach '56 p344-59
- KLIMT, Gustav, 1862-1918**
Hatle, Ingomar. Gustav Klimt, ein Wiener maler des jugendstils. The author '55 p 126-8
- KLINGBERG, Frank Joseph, 1883-**
Klingberg, F. J. Role of the Negro in the building of the Americas. Negro Hist Bul 21:52-7 D '57
- KLONDIKE gold fields**
Berton, Pierre. Klondike fever; the life and death of the last great gold rush. Knopf '58 p446-57
- KLOPSTOCK, Friedrich Gottlieb, 1724-1803**
Klopstock, Margareta (Moller). Briefwechsel mit Klopstock, ihren verwandten und freunden; hrsg. und mit erläuterungen versehen von Hermann Tiemann. Maximilian-gesellschaft '56 3v v3, p75-8
- KLUCKHOHN, Paul, 1886-1957**
Paul Kluckhohn zum siebzigsten geburts-tag; eine festgabe der Deutschen vierteljahrsschrift für literaturwissenschaft und geistesgeschichte. Deutsch Vierteljahrsschrift für Literatur- & Geistesgesch. 30 no2/3:157-60 '56
—Same. Metzler '56 p 13-16
- KLUYVER, Albert Jan, 1888-1956**
Woods, D. D. Albert Jan Kluyster, 1888-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 122-8)
- KLYSTRONS**
Hamilton, J. J. Reflex klystrons. Macmillan '59 incl bibliog
- KNAPP, Ely Heuss. See Heuss-Knapp, E.**
- KNEE**
Radiography
Fagerberg, Stig. Tomographic studies on the normal and injured knee; tr. from the Swedish by Marcia Skogh. (Sup. 138) Acta radiologica '56 p90-3
- KNIGHTS and knighthood**
See also
Heraldry
Templars
- KNIGHTS Templars (monastic and military order). See Templars**
- KNOTS and splices**
Day, Cyrus Lawrence. Knotting and splicing. 2d ed rev Naval inst. pub. '55 p205-17
- KNOWLEDGE (information)**
Ammons, R. B. Effects of knowledge of performance: a survey and tentative theoretical formulation. J Gen Psychol 54:296-9 Ap '56
Chase, Stuart. Some things worth knowing; a generalist's guide to useful knowledge. Harper '58 p263-72 annot
- KNOWLEDGE, Classification of. See Classification**
- KNOWLEDGE, Theory of**
Contemporary approaches to cognition; a symposium held at the Univ. of Colo; contributors: Jerome S. Bruner [and others] Harvard univ. press '57 incl bibliog

KNOWLEDGE, Theory of—Continued

- Meller, Bernhard. Studien zur erkenntnislehre des Peter von Ailly; anhang: Aillys traktat, De materia concilii generalis. (Freiburger theologische studien, no67) Herder '54 p xv-xxxii
- Pap, Arthur. Semantics and necessary truth; an inquiry into the foundations of analytic philosophy. Yale univ. press '58 p440-7
- Rougier, Louis Auguste Paul. Traité de la connaissance. Gauthier-Villars '55 p435-42
- Wilhelmsen, Frederick D. Men's knowledge of reality; an introd. to Thomistic epistemology. Prentice-Hall '56 incl bibliog
- See also
- Reality

KNOX county, Kentucky

- Jillson, Willard Rouse. Bibliography of Knox county, Kentucky: citations of ptd. and ms. sources touching upon its history, geology, cartography, coal, salt, oil and gas with annots (1750-1956) Perry pub. co. '58 34p

KOBER, Leopold, 1883-

- Küpper, Heinrich. Skizzen zum antlitz der erde; geologische arbeiten, hrsg. aus anlass des 70. geburtstages von Prof. L. Kober, Univ. Wien. Brüder Holinek '53 p v-vii

KOBLENZ, Germany**History**

- Michel, Fritz. Die kunstdenkmäler der stadt Koblenz; die profanen denkmal und die vororte. (Die Kunstdenkmäler von Rheinland-Pfalz, v 1) Deutscher kunstverlag '54 incl bibliog

KOCH, Rudolf, 1876-1934

- Beyer, Oskar. Rudolf Koch, ein schöpferisches leben. Bärenreiter-verlag '53 p 102-4

KOCH'S lymph. See Tuberculin**KÖHLER, Günther, 1901-1958**

- Sandler, G. In memoriam Günther Köhler. Petermanns Geog Mitt 102 no4:242-3 '58

KOKOSCHKA, Oskar, 1886-

- Kokoschka, Oskar. Schriften. 1907-1955; zusammengestellt und mit erläuterungen und bibliographischen angaben hrsg. von Hans Maria Wingler. A. Langen-G. Müller '56 p480-4

- Wingler, Hans Maria. Oskar Kokoschka, das werk des malers. Galerie Welz '56 p345-73

KOLBE-Schmitt-reaction

- Lindsey, A. S. and Jeskey, H. Kolbe-Schmitt reaction. Chem R 57:614-20 Ag '57

KOLLAR, Jan, 1793-1852

- Ormis, Ján Vladimír. Bibliografija Jána Kollára. Vydavateľstvo Slovenskej akadémie vied '54 503p

KONGO, Belgian. See Congo, Belgian**KOOPMANS, Jan, 1860-1926**

- Koopmans, Jan. Vijf letterkundige studiën over de 17de en 18de eeuw; verzameld en ingeleid door C. M. Geerars. (Zwolsse reeks van taal- en letterkundige studien, no9) W. E. J. Tjeenk Willink '58 p 185-96

KOPAL, Josef, 1833-

- Stupka, V. Soupis prací univ. prof. Dr Josefa Kópala. Časopis Mod Filol 40 no2:97-107 '58

KÖPE, Zoltán, 1870-1906

- Köpe, Zoltán. Egy arany; elbeszélések [irtal Thury Zoltán pseud. válogatta és sajtó alá rendezte Rejtő István] Szépirodalmi könyvkiadó '55 p347-9

KÖPPEN, Wladimir Peter, 1846-1940

- Wladimir Köppen, ein gelehrtenleben; nach Köppens eigenen aufzeichnungen unter mitwirkung von Erich Kuhlbrodt zusammengestellt von Else Wegener-Köppen. (Grosse naturforscher, v 18) Wissenschaftliche verlagsgesellschaft '55 p 160-93

KOREA

- California. University. East Asia studies. Russian supplement to the Korea studies guide; comp. by Robert L. Backus. The university '58 211p

- Chōng, Kyōng-jo. Korea tomorrow; land of the morning calm; with pref. note by General Mark W. Clark and foreword by Paul F. Douglass. Macmillan '56 p339-53

- McCune, Shannon Boyd-Bailey. Korea's heritage; a regional & social geography. Tuttle '56 p 195-211 annot

- Paige, G. D. Survey of Soviet publications on Korea, 1950-56. J Asian Stud 17:579-94 Ag '58

- Prague. Universita Karlova. Knihovna. Lidové demokratické země Asie : Korea, Vietnam, Mongolsko; výberový seznam literatury; sest. Miroslav Kaftan. (Čteme a studujeme, 1956, no2) The library '56 15p

Antiquities

- Hewes, G. W. Korea. Asian Perspect 1:25-7 Summer '57

History

- Berger, Carl. Korea knot; a military-political history. Univ. of Pa. press '57 p 187-93

KOREA (People's Democratic Republic)

- Rudolph, Philip. North Korea's political and economic structure. Inst. of Pacific relations '59 p65-70

KOREAN war, 1950-1953

- Berger, Carl. Korea knot; a military-political history. Univ. of Pa. press '57 p 187-93
- Spanier, John W. Truman-MacArthur controversy and the Korean war. Harvard univ. press '59 p298-306 annot

Medical and sanitary affairs

- United States. Army medical service graduate school, Washington, D.C. Recent advances in medicine and surgery (19-30 April 1954) based on professional medical experiences in Japan and Korea, 1950-1953. (Medical science pub. no4) The school '55 incl bibliog
- United States. National library of medicine. Bibliography of military medicine relating to the Korean conflict, 1950-1956; comp. by Charles Roos. The library '57 56p

KÖRTE, Alfred, 1866-1946

- Ruppert, H. Verzeichnis der veröffentlichten von Alfred Körte. Sächs Akad Wiss Jahrb 1949-1953:101-21 '54

KORZENIOWSKI, Apollo, 1820-1869

- Taborski, Roman. Apollo Korzeniowski, ostatni dramatopisarz romantyczny. (Polska akademia nauk. Inst. badań literackich. Studia historycznoliterackie, v9) Zakład im. Ossolińskich '57 p 132-9

KOSCHSMIEDER, Erwin, 1895-

- Erwin Koschsmieder 60 Jahre alt (31. august 1955) Jahrb Gesch Osteurop ns3 no2: 213-15 '55

- KOSSMANN, Friedrich Karl Heinrich, 1893- Opstellen, door vrienden en collega's aangeboden aan Dr F. K. H. Kossmann, ter gelegenheid van zijn vijf en zestigste verjaardag en van zijn afscheid als bibliotecaris der gemeente Rotterdam [bibliog. by J. C. Mazurel Nijhoff '58 p260-4

KRAHE, Hans, 1898-

- Sybaris; festschrift Hans Krahe zum 60. gebursttag am 7. feb. 1958. dargebracht von freunden, schülern und kollegen. Harrassowitz '58 p203-15

KRAKOW**Economic conditions**

- Demel, Juliusz. Stosunki gospodarcze i społeczne Krakowa w latach 1846-1853. (Biblioteka krakowska no 107) Nakł. tow. miłośników historii i zabytków Krakowa '51 p294-9

KRALIK, Dietrich, ritter von Meyrswalden, 1884-

- Festschrift für Dietrich Kralik, dargebracht von freunden, kollegen und schülern. Berger '54 p287-90

KRAMER, Matthias, fl 1672-1727

- Ising, Gerhard. Die erfassung der deutschen sprache des ausgehenden 17. jahrhunderts in den wörterbüchern Matthias Kramers und Kaspar Stieler. (Akademie der wissenschaften. Berlin. Inst. für deutsche sprache und literatur. Veröffentlichungen, 7) Akademie-verlag '56 p 127-35

KRANZMAYER, Eberhard, 1897-

- Hornung, Herwig, ed. Verzeichnis der schriften von Eberhard Kranzmayer als festgabe zu seinem sechzigsten gebursttag dargebracht von seinen Wiener freunden und mitarbeitern. Wörterbuchkanzlei der österr. akademie der wissenschaften '57 15p

KRAPOTKIN, Petr Alekseevich, knfáz', 1842-1921

- Krapotkin, Petr Alekseevich, knfáz'. Mutual aid; a factor of evolution; foreword by Ashley Montagu, and The struggle for existence, by Thomas H. Huxley. Extending horizons bks. '55 p ii

KRAUS, Edward Henry, 1875-

- Hunt, W. F. Edward Henry Kraus. Am Min 40:948-51 N '55

- KRAUS, Franz Xaver, 1840-1901**
Kraus, Franz Xaver. Tagebücher; hrsg. von Hubert Schiel. Bachem '57 p765-87
- KRAUS, Karl, 1874-1936**
Kraft, Werner, Karl Kraus. O. Müller '56 p363-6
- KRIGE, Uys, 1910-**
Plaistowe, Z. M. Uys Krige; bibliography. (Bibliog. ser) School of librarianship, Univ. of Cape Town '57 49p
- KUBIN, Alfred, 1877-**
Raabe, Paul, ed. Alfred Kubin: leben, werk, wirkung. Rowohlt '57 p 190-249
- KUENEN, Philip Henry, 1902-**
List of publications of Ph. H. Kuenen, 1925-1956. J Paleont 31:818-19 J1 '57
- KUHL, Willi, 1892-**
Hinsch, W. Bibliographie der arbeiten von W. Kuhl. Res Film 2:88-92 D '55
- KURDISH language**
Mackenzie, D. N. Bibliography of southern Kurdish, 1945-55. Roy Cent Asian Soc J 44:31-7 Ja '57
- KURDISTAN**

Social conditions

- Barth, Fredrik. Principles of social organization in southern Kurdistan. (Oslo. Univ. Etnografiske museum. Bul. no7) Brødrene Jørgensen boktr. '53 p 145-6
- KURDS**
Nikitine, Basile. Les Kurdes, étude sociologique et historique; préf. de Louis Massignon. Impr. nat. '56 p311-26

L

- LA BAUME, Wolfgang, 1885-**
Kleemann, Otto, ed. Documenta archaeologica Wolfgang La Baume dedicata. 8.II. 1955. (Rheinische forschungen zur vorgeschichte, v5) Röhrscheid '56 p 139-43
- LABOR (obstetrics)**
King, Edward L. Occipitoposterior positions. (Am. lecture ser, pub. no310) Thomas '57 p 100-3
- LABOR, Compulsory**
Büick, Hartwig. Die zwangsarbeit im friedensvölkerrecht; untersuchung über die möglichkeit und grenzen allgemeiner menschenrechte. (Kiel. Univ. Inst. für int. recht. Veröffentlichungen, 36) Vandenhoeck & Ruprecht '53 p200-17
- Massachusetts institute of technology. Center for international studies. Forced labor in the Soviet union; a sel. bibliography. The center '55 33p
- United States. Department of state. Division of library and reference services. Forced labor under communism; a sel. list of semi-popular books. (Bibliog. list 83) The services '52 7p
- LABOR, Migrant.** See Migrant labor
- LABOR, Right to.** See Right to labor
- LABOR and capital**
See also
Class conflict
Industrial relations
- LABOR and laboring classes**
Bibliography. See numbers of International labour review
- Boëthius, Inga. Svenska företagssociologisk bibliografi, 1945-1955; en selektiv och resonerande bibliografi. (Svenska bibliotekarie-samfundet. Skriftserie, 4) Appelberg '58 211p
- Book reviews and notes. See numbers of Monthly labor review
- Brückmann, Kurt and others. Literatur für den gewerkschaftsfunktionär; eine empfehlende bibliographie. (Leipzig. Deutsche bücherei. Sonderbibliog, 7) Tribüne '56? 145, 23p
- Same. 2d enl ed (Leipzig. Deutsche bücherei. Sonderbibliog, 7) Tribüne '58 219p
- Cornell university. New York state school of industrial and labor relations. Library. Industrial and labor relations; abstracts and annot. of current and periodical literature. The library. See numbers thru December 1957

- Daniels, Walter Machray. American labor movement. (Reference shelf, v30, no3) Wilson '58 p216-23
- Gulick, Charles Adams, and others. History and theories of working-class movements; a sel. bibliography. Bur. of business & economic research, Univ. of Calif. '55 364p
- Hanssen, K. V. Arbeiderbevegelsen; en litteraturoversikt. Arbeidernes opplysningsforbund '54 100p
- International labor office. Library. Catalogue des publications en langue française du Bureau international du travail; supplément, 1951-1955. (Contributions bibliogs, no6 sup) The office '57 88p
- Kuhn, Alfred. Labor; institutions and economics. Rinehart '56 incl bibliog
- Labor education guide; current materials for workers' education activities. Am. labor education service. See numbers thru 1957
- Labor in print. Newark pub. lib. See numbers annot
- Publications récentes. See numbers of Relations industrielles
- Recent publications. See numbers of Industrial and labor relations review
- Reynold, Lloyd George. Labor economics and labor relations. 3d ed Prentice-Hall '59 incl bibliog
- Rosen, Ned, and McCoy, Ralph E. Doctoral dissertations in labor and industrial relations, 1933-1953. (Bibliog. contributions, no5) Inst. of labor & industrial relations, Univ. of Ill. '55 86p
- United States. Department of state. Office of intelligence research. External research labor problems in foreign areas. The office '54 25p
- United States. Superintendent of documents. Industrial workers. (Price list 78, 9th ed) U.S. Gov. ptg. office '59 12p
- See also
Absenteeism (labor)
Arbitration, Industrial
Capital
Child labor
Church and labor
Class conflict
Collective bargaining
Communism
Compagnonnages
Convict labor
Cooperation
Cost and standard of living
Discrimination in employment
Diseases, Industrial
Employees' representation in management
Farm labor
Industrial relations
International labor organization
Migrant labor
Occupations
Peasantry
Right to labor
Socialism
Strikes and lockouts
Trade unions
Unemployment
Wages
Welfare work in industry
Woman—Employment
Work

Accidents

See Accidents, Industrial

Bibliography

- International labor office. Library. Bibliographical work of the I.L.O. library. Tra-vaux bibliographiques de la bibliothèque du B.I.T. (Bibliog. reference list, no86) The li-brary '58 5p

Dwellings

- Spörhase, Rolf. Wohnungsbau als aufgabe der wirtschaft; förderung des wohnungsbaues durch wirtschafts-unternehmungen; metho-den und leistungen. (Bücher des Deutschen industrie-inst) Kohlhammer '56 p254-9

Education

See Education of workers

Medical care

See Medical service, Industrial

Periodicals

- Bereg, T. Panorama de la presse syndicale de 1830 à nos jours. R Socialiste 107:473-82 My '57

LABOR and laboring classes—Continued

Africa

Inter-African labour institute. Human factors of productivity in Africa; a preliminary survey. Comm. for technical cooperation in Africa south of the Sahara '57 p 135-53 annot

Canada

Canada. Department of public printing and stationary. Labour. Travail. 2d ed (Canadian gov. pubs. Sectional catalogue, no 10) The department '58 125p annot

Czechoslovakia

Grobelný, Andělín, and Sobotík, Bohumil, eds. Dělnické hnutí na Ostravsku; sborník prací. (Slezský studijní ústav. Publikace, no 16) Krajský národní výbor '57 p331-9

France

Aguet, Jean Pierre. Les grèves sous la Monarchie de juillet, 1830-1847; contribution à l'étude du mouvement ouvrier français. (Etudes d'histoire économique, politique et sociale, 7 [9]) Droz '54 p xxv-xxxv

Chombart de Lauwe, Paul Henry. La vie quotidienne des familles ouvrières; recherches sur les comportements sociaux de consommation. (Travaux) Centre d'études sociologiques, Centre nat. de la recherche scientifique '56 p263-70

Dale, Leon Andrew. Marxism and French labor. Vantage '56 p212-61

Vidalenc, Georges. French trade union movement past and present. (I.C.F.T.U. monographs, no 1) Int. confederation of free trade unions '53 p 132-3

Germany

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Bibliographie zur geschichte der deutschen arbeiterbewegung; eine auswahl der seit 1945 im gebiet der DDR erschienenen veröfentlichungen; bearb. von Hildegard Scheffler und Lutz Noack. Verlag für buch- & bibliothekswesen '55 94p

History

Ulbricht, Walter. Zur geschichte der deutschen arbeiterbewegung; aus reden und aufsatzen, 1918-1950. 2d ed Dietz '53 3v v3, p791-8

Great Britain

Great Britain. British information services. Reference division. Labour relations and working conditions in Britain. rev ed (I.D. 1190) The services '56 p55-6

Morton, Arthur Leslie, and Tate, George. British labor movement, 1770-1920; a political history. Int. pubs. '57 p300-6 annot

Hawaiian Islands

Johannessen, Edward. Hawaiian labor movement; a brief history. Humphries '56 p 168-76

Wills, Arnold L. Labor-management relations in Hawaii; ed. by Harold S. Roberts. Industrial relations center, Univ. of Hawaii '55 p61-2

India

Saxena, R. C. Labour problems and social welfare. 4th ed Jai Prakash Nath '55 p757-64

Italy

Periodicals

Ente per la storia del socialismo e del movimento operaio italiano. Bibliografia del socialismo e del movimento operaio italiano; v 1, Periodici tratti dalle raccolte della Biblioteca nazionale di Firenze; a cura di R. Cuillini e L. B. Manetti. Ed. Esmoi '56 2v annot

Latin America

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 174-81; no 19, p226-35; no20, p215-24; no21, p 179-90 annot

Morocco

Montagne, Robert, ed. Naissance du prolétariat marocain, enquête collective exécutée de 1948 à 1950. (Cahiers de l'Afrique et l'Asie, 3) Peyronnet '52 p270-6

Netherlands

Jong, Frits de. Om de plaats van de arbeid; een geschiedkundig overzicht van ontstaan en ontwikkeling van het Nederlands verbond van vakverenigingen. Arbeiderspers '56 p365-75

Pennsylvania

Palmer, Gladys Louise. Philadelphia workers in a changing economy. (Penn. Univ. Wharton school of finance & commerce. Industrial research dept. Research studies, 38) Univ. of Pa. press '56 p 182-4

Sullivan, William A. Industrial worker in Pennsylvania, 1800-1840. Pa. historical & museum comm. '55 p235-45

United States

Derber, Milton, and Young, Edwin, eds. Labor and the New deal. Univ. of Wis. press '57 p373-8

Gates, Francis. Reference guides for labor research; a sel. bibliog. of directories, bibliogs, handbks, and guides to special colls. relating to Am. labor unions, employers, and employer associations. Labor coll. Social sciences reference service, General lib. Univ. of Calif. '57 35p

Green, Marguerite. National civic federation and the American labor movement, 1900-1925. Catholic univ. of Am. press '56 p507-25

Haber, William, and Levinson, Harold Myer. Labor relations and productivity in the building trades. (Rep. no6) Bur. of industrial relations, Univ. of Mich. '56 p255-60

Holbrook, Stewart Hall. Rocky Mountain revolution. Holt '56 p307-9

Larrowe, Charles P. Shape-up and hiring hall; a comparison of hiring methods and labor relations on the New York and Seattle waterfronts. Univ. of Calif. press '55 p237-44

Levinson, Edward. Labor on the march; introd. by Walter P. Reuther; foreword by James T. Farrell. Univ. bks. '56 p300-5

Myers, James, and Laidler, Harry Wellington. What do you know about labor? Day '56 p261-74

Rayback, Joseph G. History of American labor. Macmillan '59 p435-46 annot

Ross, A. M. Do we have a new industrial feudalism? Am Econ R 48:919-20 D '58

Stimson, Grace (Heilman). Rise of the labor movement in Los Angeles. (Calif. Univ. Inst. of industrial relations. Pubs.) Univ. of Calif. press '55 p 501-13

Sufrin, Sidney Charles, and Sedgwick, Robert Charles. Labor economics and problems at mid-century. Knopf '56 incl bibliog

United States. Bureau of labor statistics. Techniques of preparing major BLS statistical series; ed. by Benjamin Lipstein. (Bul. no 1168) U.S. Gov. ptg. office '54 incl bibliog

United States. Superintendent of documents. Labor. (Price list 33, 40th ed) U.S. Gov. ptg. office '59 21p

History

Mandel, Bernard. Labor: free and slave; workingmen and the anti-slavery movement in the United States. Associated authors '55 p217-44

LABOR and the church. See Church and labor

LABOR contract

Princeton university. Industrial relations section. Trend toward longer-term contracts. (Sel. references, no73) The section '57 4p annot

See also

Collective bargaining

LABOR laws and legislation

- International labor office. Library. Bibliography on labour law. *Bibliographie du droit de travail*. (Bibliog. contributions, no8) The office '53 83p
 —Same. rev. ed. (Bibliog. contributions, no 13) The library '58 104p
See also
 Boycott
 Collective bargaining
 Picketing
 Trade unions
 Vacations, Employee
 Workmen's compensation

Russia

- Dewar, Margaret. Labour policy in the USSR, 1917-1928. Royal inst. of int. affairs '56 p278-80

United States

- See also*
 Hours of labor

LABOR laws and legislation, International

- International labor office. Freedom of association and the protection of the right to organize; a workers' education manual. The office '59 p 141-6

LABOR market. See Labor supply**LABOR party (Great Britain)**

- McKenzie, Robert Trelford. British political parties; the distribution of power within the Conservative and Labor parties. St Martins press '55 p602-8
 Poirier, Philip P. Advent of the British labour party. Columbia univ. press '58 p275-90
 Reid, J. H. Stewart. Origins of the British labour party. Univ. of Minn. press '55 p243-51

LABOR productivity

- Association française pour l'accroissement de la productivité. Bibliography on productivity; project no 233. The association '56 250p

- Netherlands. Economische voorlichtingsdienst. Bibliotheek. Literatuur van belang in verband met de productiviteit. The library '52 25p

- Rostás, László. Select bibliography on productivity. provisional ed Board of trade [London] '52 20p

See also

- Efficiency, Industrial

LABOR relations. See Industrial relations**LABOR saving devices**

- Wheeler, J. L. Selected references on work simplification: sometimes termed method study, or motion study. News Notes Calif Lib 48:334-6 Ap '53 annot

- Work simplification. News Notes Calif Lib 50:474-6 Jl '55 annot

See also

- Libraries—Mechanical aids

LABOR supply

- Princeton university. Industrial relations section. Manpower problems in economic development; a sel. bibliog. prepared by Keith Simpson and Hazel C. Benjamin. (Bibliog. ser. no85) The section '58 93p

- United States. Research and development board. Committee on human resources. Symposium on scientific and specialized manpower, 15-16 June 1953. (HMP 200/1) U.S. Research & development board '53 p 133-6

See also

- Child labor
 Manpower

Statistics

- United States. Department of commerce. Special advisory committee on employment statistics. Measurement of employment and unemployment by the Bureau of the census in its current population survey; rep. of the Special advisory com. on employment statistics. The committee '54 p A85-A87

Switzerland

- Kaser, Heinz. Berufsnachwuchsbedarf und berufsnachwuchs in der Schweiz. Haupt '54 p 104-9

United States

- Bancroft, Gertrude. American labor force: its growth and changing composition; for the Social science research council in cooperation with the United States Dept. of commerce. Bur. of the census. (Census monograph ser) Wiley '58 p 146-50

- United States. Department of commerce. Special advisory committee on employment statistics. Measurement of employment and unemployment by the Bureau of the census in its current population survey; rep. of the Special advisory com. on employment statistics. The committee '54 p A85-A87

LABOR turnover

- Batson, Robert J. Employee turnover statistics; collection, analysis, use. (Personnel brief no 17) Civil service assembly '56 p 1-2 at end

- Pearce, Frank Thomas. Financial effects of labour turnover. 1st ed (Birmingham, England. Studies in economics and society, monograph A4) Research board, Faculty of commerce & science '54 p215-28

LABOR unions. See Trade unions**LABORATORIES***See also*

- Medical laboratories

Design

- London. Science museum. Science library. Some recent references to the design of civil engineering laboratories, 1950-1954. (Bibliog. ser, no742) The library '56 2p

LABORATORY animals. See Animal experimentation

- LABROUSTE, Pierre François Henri, 1801-1875 Maytham, Thomas N. Henri Labrouste, architect: a bibliography. (Pub. no5) Am. assn. of architectural bibliographers '55 6p

LABRUNIE, Gérard. See Gérard de Nerval**LABYRINTH (ear)**

- Fischer, Joseph. Labyrinth; physiology and functional tests. Grune '56 incl bibliog

- Wersäll, Jan. Studies on the structure and innervation of the sensory epithelium of the cristae ampullares in the guinea pig; a light and electron microscopic investigation. (Sup 126) Acta oto-laryngologica '56 p80-5

LACOMBE, Jean Baptiste Marie, 1760-1794

- Bécamps, Pierre, J. B. M. Lacombe, président de la Commission militaire; la révolution à Bordeaux, 1789-1794. Éditions Bière '53 p9-19

LACQUER and lacquering

- Häcker, Gerhard. Fortschritte der lackiertechnik, 1950-1955; heisspritzen & elektrostatishes lackieren. Fachliteratur ermittlung- & berichtsdienslt für industrie & forschung '56 p25-33

- Linge, J. R. Some developments and applications of brittle lacquers. Aircraft Eng 30:95 Ap '58

- Wilborn, Felix, ed. Physikalische und technologische prüfverfahren für lacke und ihre rohstoffe, von E. A. Becker [et al] mit einem geleitwort von W. Röhrs. Berliner union '53 incl bibliog

LACRETELLE, Jacques de, 1888-

- Alden, Douglas William. Jacques de Lacre-telle; an intellectual itinerary. Rutgers univ. press '58 p345-54 annot

- Œuvres de Jacques de Lacre-telle. Biblio 27: 10-11 Jl '59

LACROSSE

- Field hockey—lacrosse guide with official rules and standards. Sept. 1958-Sept. 1960; eds: Elizabeth F. Cooper and Marion R. Phillips [Bibliog. for field hockey by Eleanor J. Graham; Rev. bibliog. for lacrosse by the Lacrosse committee] (Sports lib. for girls and women) Div. for girls & women's sports. Am. assn. for health, physical education & recreation '58 p 107

LACTASE

- Heilskov, Niels Søren Christian. Studier over animalsk lactase. Studies on animal lactase; summary in English. Munksgaard '56 p 156-9

LACTATION

- Browning, C. B. and others. Effect of feeding low levels of diethylstilbestrol on gestation and lactation of rats. J Nutrition 66:331-2 N '58

LACTATION—Continued

- Joensen, Hans Debes. Studier over brysternæringsens udbredelse og betydning belyst på et materiale af 4948 spædbørn født i ægteskab i Holbæk amt i årene 1939-1942; with an English summary; tables and figures in English also. (Frøoskpararit. Sup 1) Føroya frøoskpararfelag '54 p392-444
- Nandi, Satyabrata. Hormonal control of mam-mogenesis and lactogenesis in the C₃H/He Crgl mouse. (Calif. Univ. Pubs. in zoology, v65, no 1) Univ. of Calif. press '59 p52-7
- Teichman, R. and others. Effect of previous ration on lactation response to substituting corn for alfalfa according to net energy and total digestible nutrient systems of estimation. J Dairy Sci 41:141-2 Ja '58
- Turner, C. W. and others. Experimental induction of growth of the cow's udder and the initiation of milk secretion. J Dairy Sci 39:1728-9 D '56
- Wilcox, C. J. and others. Genetic and environmental influences upon solids-not-fat content of cow's milk. J Dairy Sci 42:1143-6 JI '59

See also

Cows
Milk, Human

LACTIC acid bacteria

- Babel, F. J. Slow acid production by lactic cultures: a review. J Dairy Sci 38:727-33 JI '55

LACTOSE

- Atkinson, R. L. and others. Lactose in animal and human feeding. J Dairy Sci 40: 1127-32 S '57
- Sampey, J. J. and Neubeck, C. E. Low-lactose concentrate makes better ice cream. Food Eng 27:183 Ja '55
- Weisberg, S. M. Recent progress in the manufacture and use of lactose: a review. J Dairy Sci 37:1114-15 S '54

LAFAYETTE, Marie Joseph Paul Yves Roch

- Gilbert du Motier, marquis de, 1757-1834
- Brandon, Edgar Ewing, ed. Lafayette, guest of the nation; a contemporary account of the triumphal tour of general Lafayette through the United States in 1824-1825, as reported by the local newspapers. Oxford historical press '50-'57 3v v 1, p273-5; v2, p 159-60; v3, p253-4

LAFORGUE, Jules 1860-1887

- Laforgue, Jules. Selected writings; ed. & tr. by William Jay Smith. Grove '56 p281-7

LAGERLÖF, Selma Ottoliana Lovisa, 1858-1940

- Selma Lagerlöf, Vandrings Böcker 7 no 8: 1-4 '58
- Stockholm. Kungliga biblioteket. Nils Holgerssons underbara resa genom Sverige, av Selma Lagerlöf; nov. 1906-nov. 1956; katalog upprättad av Nils Afzelius över en utställning i Kungliga biblioteket. (Uttställnings-katalog no8) The library '56 p48-51
- Ulvénstam, Lars Henrik. Den äldrade Selma Lagerlöf; en studie i hennes Löwensköld-cykel. Bonnier '55 p267-78

LAISTNER, Max Ludwig Wolfram, 1890-

- Laistner, Max Ludwig Wolfram. Intellectual heritage of the early middle ages; sel. essays, ed. by Chester G. Starr. Cornell univ. press '57 p275-85

LAKE DISTRICT, England

- Nicholson, Norman. Lakiers; the adventures of the first tourists. Hale '55 p224-9

LAKE water

- Curl, H. Origin and distribution of phosphorus in western Lake Erie. Limnol & Oceanog 4:75-6 Ja '59

LAKES

- Swain, F. M. Stratigraphy of lake deposits in central and northern Minnesota. Am Assn Pet Geol Bul 40:652-3 Ap '56

See also

Limnology
Ponds

LAMAISM

- Gordon, Antoinette K. Iconography of Tibetan Lamaism, 2d ed rev & enl Tuttle '59 p 111-13

LAMB, Arthur Becket, 1880-1952

- Keyes, F. G. Arthur Becket Lamb, 1880-1952. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p230-3)

LAMB, Charles, 1775-1834

- Blunden, Edmund Charles. Charles Lamb. (Biographical ser. of sups. to British bk. news, no56) Longmans '54 p37-40

LAMBS**Feeding**

- Andrews, F. N. and others. Effect of oral and subcutaneous estrogen and androgen administration on growth and carcass quality of lambs. J Animal Sci 15:586-8 My '56
- Davey, R. J. and Wellington, G. H. Studies on the use of hormones in lamb feeding. J Animal Sci 18:74, 84 F '59

LAMELLIBRANCHIATA

- Owen, G. Observations on the stomach and digestive diverticula of the lamellibranchia. Q J Micros Sci 97:566-7 D '56

See also

Oysters

LAMELLIBRANCHIATA, Fossil

- Hayami, I. Review of the so-called liassic cyrenoids in Japan. Japan J Geol & Geog 29:26-7 Ag '58
- Hayami, I. Some Hettangian pelecypods from the trigonia-sandstone of the Shizukawa group in northeast Japan. Japan J Geol & Geog 29:109-10 Ag '58
- Ichikawa, K. Early neo-triassic pelecypods from Iwal, near Itsukaichi, Tokyo prefecture. Japan J Geol & Geog 25:194-5 D '54
- Kobayashi, T. On the dentition of trigonoides and its relation to similar pelecypod genera. Japan J Geol & Geog 27:91-2 Ag '56

- Stenzel, Henryk Bronislaw, and others. Pelecypoda from the type locality of the Stone City beds (middle eocene) of Texas. (Tex. Univ. Pub. no5704) Bur. of economic geology '57 p 187-96

- Vokes, H. E. Notes on the nucinelidae (pelecypoda) with description of a new species from the eocene of Oregon. J Paleont 30: 669-71 My '56

LAMENTATIONS, Book of. See Bible. Old Testament—Lamentations**LAMINATED wood. See Plywood****LAMMERT, Friedrich, 1890-**

- Seehase, Heinz, ed. Rastloses schaffen; fest-schrift für Dr Friedrich Lammert. Kohl-hammer '54 p 152-6

LA MOTTE-FOUQUE, Karoline Auguste (von Briest) frein de, 1773-1831

- Wilde, Jean T. Romantic realist: Caroline de La Motte Fouqué. Bookman associates '55 p45-62

LAND, Emory Scott, 1879-

- United States. Library of Congress. Manuscript division. Emory Scott Land: a register of his papers in the Library of Congress. The library '53 7p

LAND

- Barlowe, Raleigh. Land resource economics; the political economy of rural and urban land resource use. Prentice-Hall '58 incl bibliog

See also

Agriculture
Real estate business
Real property

Taxation

- Pittsburgh. University. Bureau of business research. Bibliography ad valorem tax administration. The bureau '59 213p

- Sakolski, Aaron Morton. Land tenure and land taxation in America. Schalkenbach '57 p295-305

See also

Forests and forestry—Taxation

France

- Juillard, Etienne and Meynier, André. Die agrarlandschaft in Frankreich; forschungsergebnisse der letzten jahre; übers. von W. Hartke. (Münchner geographische hefte, no9) Lassleben '55 p 88-96

Hong Kong

- Tregear, Thomas Refoy. Survey of land use in Hong Kong and the new territories. (World land use survey. Regional monograph, no 1) Geographical pubs; Hong Kong univ. press '58 p71

Montana

- Peters, William S. and Johnson, Maxine C. Public lands in Montana; their history and current significance. (Regional study no 10) Bur. of business & economic research, Mont. state univ. '59 p68-9

LAND, Arid. See Arid regions**LAND burning. See Burning of land****LAND grant colleges. See Agricultural colleges**

LAND settlement

Doherty, Donald K. Preliminary bibliography of colonization and settlement in Latin and Anglo-America. Geographical branch, Canada. Dept. of mines & technical surveys. '52 70p

Krenzlín, Anneliese. Dorf, feld und wirtschaft im gebiet der grossen tler und platten stlich der Elbe; eine siedlungsgeographische untersuchung. (Forschungen zur deutschen landeskunde, v70) Verlag des Amtes fr landeskunde '52 p 137-44

Yacono, Xavier. La colonisation des plaines du Chlif, de Lavigerie au confluent de la Mina; v 1. Conditions offertes  la colonisation. L'emprise coloniale. Les facteurs de la transformation. Imbert '55 p12-58

See also
Colonization

LAND surveying. See Surveying

LAND tax. See Land—Taxation

LAND tenure

Denman, Donald Robert, and others. Bibliography of rural land economy and landownership, 1900-1957; a full list of works relating to the British Isles and sel. works from the United States and western Europe. Dept. of estate management, Cambridge univ. '58 412p

Food and agriculture organization of the United nations. Bibliography on land tenure. Bibliographie des rgimes fonciers. Bibliografa sobre tenencia de la tierra. The organization '55 386p

—Supplement to Bibliography on land tenure, 1959. The organization '59 282p

Timmons, John F. Improving agricultural tenancy; an FAO land tenure study. (FAO agricultural studies, no35) Food & agriculture organization of the United nations '57 p57-9

See also
Bhoadan movement
Farm ownership
Feudalism
Land titles
Peasantry

California

Dana, Samuel Trask, and Krueger, Myron Edward. California lands; ownership, use, and management. Am. forestry assn. '58 p281-99 annot

Far East

Klein, Sidney. Pattern of land tenure reform in East Asia after World war II. (Bookman monograph ser) Bookman associates '58 p211-24

Germany

Ltge, Friedrich Karl. Die mitteldeutsche grundherrschaft und ihre auflsung. 2d enl ed (Quellen und forschungen zur agrargeschichte, v4) Fischer '57 p305-11

India

Moore, Frank J. and Freydis, Constance A. Land tenure legislation in Uttar Pradesh. (Modern India project monograph no 1) South Asia studies, Inst. of East Asiatic studies, Univ. of Calif. '55 p 119-24

Mexico

Senior, Clarence Ollson. Land reform and democracy. Univ. of Fla. press '58 p253-66

Netherlands Guiana

Quintus Bosz, Akseel Johann Albrecht. Drie eeuwen grondpolitiek in Suriname; een historische studie van de achtergrond en de ontwikkeling van de Surinaamse rechten op de grond. Three centuries of landpolicy in Surinam, with a summary in English. Van Gorcum '54 p461-3

Peru

Benayas, Juan. Los mitos comunistas, socialistas y colectivistas del Per prehispano. The author '51 p 152-7

Poland

Madajczyk, Czesław. Burżuazyjno-obszarowa reforma rolna w Polsce, 1918-1939. Ksizka i Wiedza '56 p432-45

Schleswig-Holstein

Leister, Ingeborg. Rittersitz und adliges gut in Holstein und Schleswig. (Forschungen zur deutschen landeskunde, v64) Verlag des Amtes fr landeskunde '52 p 130-7

Uganda

Uganda. Ministry of land tenure. Bibliography of land tenure. The ministry '57 51p

United States

Abernethy, Thomas Perkins. Western lands and the American revolution. (Va. Univ. Inst. for research in the social sciences. Inst. monograph. no25) Russell & Russell '59 p370-92

Sakolski, Aaron Morton. Land tenure and land taxation in America. Schalkenbach '57 p295-305

LAND titles

Dowson, Sir Ernest McLeod, and Sheppard, Vivian Lee Osborne. Land registration. (Gt. Brit. Colonial office. Colonial research pubs, no 13) H.M.S.O. '52 p201-7

LAND utilization

Denman, Donald Robert, and others. Bibliography of rural land economy and land ownership, 1900-1957; a full list of works relating to the British Isles and sel. works from the United States and western Europe. Dept. of estate management, Cambridge univ. '58 412p

Renne, Roland Roger. Land economics; principles, problems, and policies in utilizing land resources. rev ed Harper '58 incl bibliog

See also
Agriculture
Forests and forestry
Irrigation
Reclamation of land

South

Anderson, James Richard. Land use and development, southeastern Coastal plain; present use and potential development of land for agriculture. (U.S. Dept. of agriculture. Agriculture information bul. no 154) U.S. Gov. ptg. office '56 p75-82

United States

Beyer, Jacquelyn L. Integration of grazing and crop agriculture; resources management problems in the Uncompaghe Valley irrigation project. (Chicago. Dept. of geography. Research paper no52) Chicago univ. press '57 p 120-5

Wooten, Hugh Hill, and Anderson, James Richard. Agricultural land resources in the United States, with special reference to present and potential cropland and pasture. (U.S. Dept. of agriculture. Agriculture information bul. no 140) U.S. Gov. ptg. office '55 p89-96

LANDERSDORFER, Simon Konrad, bp 1880-

Passauer studien; festschrift fr Bischof Dr. Simon Konrad Landersdorfer OSB zum 50. jahrestag seiner priesterweihe, dargeboten von der Phil. theol. hochschule Passau. Verlag Passavia '53 p313-15

LANDIVAR, Rafael, 1731-1793

Valle, Rafael Heliodoro. Bibliografa de Rafael de Landivar. Inst. Caro y Cuervo '53 48p

LANDOR, Walter Savage, 1775-1864

Elwin, Malcolm. Landor, a replevin. Macdonald '58 p478-80

LANDSCAPE gardening

Engel, David Harris. Japanese gardens for today; with a foreword by Richard Neutra. Tuttle '59 p265-6

Some recent publications. See numbers of Landscape architecture

See also
Parks

LANDSLIDES

National research council. Highway research board. Committee on landslide investigations. Landslides and engineering practice; ed. by Edwin B. Eckel. (Special rep. 29) The board '58 incl bibliog

LANGENHOVEN, Cornelis Jakob, 1873-1932

Malan, E. M. Cornelis Jacob Langenhoven. 12.8.1873-15.7.1932; bibliografie. (Bibliografiese reeks) Skool van biblioteekwese, Univ. van Kaapstad '51 30p

- LANGEVELD, Martinus Jan, 1905-**
Langeveld, Martinus Jan. Studien zur anthropologie des Kindes. (Forschungen zur pädagogik und anthropologie, v 1) Niemeyer '56 p 137
- LANGFELDT, Gabriel, 1895-**
Ancheren, Per, and Eltinger, Leo, eds. Nervøse lidelser og sinnetts helse; festschrift til professor, dr. med. Gabriel Langfeldt på 60-års dagen. Aschehoug '55 p235-9
- LANGFELDT, Johannes, 1893?-**
Ziel und wege bibliothekarischer bildung; festgabe zum 65. geburtstag von Johannes Langfeldt; hrsg. von Viktor Zifreund. (Bibliothekar-lehrinst. des landes Nordrhein-Westfalen. Veröffentlichungen) Greven '58 p 157-66
- LANGLE, Paul Antoine Marie Fleuriot, vicomte de, 1744-1787**
Fleuriot de Langle, Paul. La tragique édition de Lapérouse et Langle. Hachette '54 p241-4
- LANGMUIR, Irving, 1881-1957**
Taylor, H. Irving Langmuir. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p 179-84)
- LANGUAGE, Universal**
Pei, Mario Andrew. One language for the world. Devin-Adair '58 p267-77
- LANGUAGE and languages**
Arens, Hans. Sprachwissenschaft; der gang ihrer entwicklung von der antike bis zur gegenwart. (Orbis academicus; problemgeschichten der wissenschaft in dokumenten und darstellungen, v 1/6) Alber '55 p 526-55
Bibliografie české lingvistiky za léta 1945-1950 [-1951-1955] jazyková obecná, indoevropská, slovanská a česká. (Československá akad. věd. Sekce jazyka a literatury. Studie a prameny, no7-8) Nakl. Československé akad. věd. '55-'57 2v
Bibliography. See numbers of American speech
Brown, Roger William. Words and things. Free press '58 p379-91
Cohen, Marcel Samuel Raphaël. Pour une sociologie du langage. (Sciences d'aujourd'hui) Michel '56 incl bibliog
Dvonč, Ladislav. Bibliografija slovenske jazykovedy za roky 1948-1952. Matica slovenská '57 231p
Firth, John Rupert. Papers in linguistics, 1934-1951. Oxford '57 p229-30
Gleason, Henry Allan. Introduction to descriptive linguistics. Holt '55 p373-8 annot
Guiraud, Pierre. Bibliographie critique de la statistique linguistique; révisée et complétée par Thomas D. Houchin. (Permanent int. com. of linguists. Com. on linguistic statistics. Pub. no2) Editions Spectrum '54 121p
Hamilton, R. V. Psycholinguistic analysis. J Social Psychol 41:285-6 My '55
Herdan, G. Language as choice and chance. Noordhoff '56 incl bibliog
Hockett, Charles Francis. Course in modern linguistics. Macmillan '58 p599-605
Huppé, Bernard Felix, and Kaminsky, Jack. Logic and language. Knopf '56 incl bibliog
Lado, Robert. Linguistics across cultures; applied linguistics for language teachers; with a foreword by Charles C. Fries. Univ. of Mich. press '57 p 124-41 annot
Mowrer, O. H. Psychologist looks at language. Am Psychologist 9:692-4 N '54
Pei, Mario Andrew. Language for everybody; what it is and how to master it. Devin-Adair '56 p327-30
Periodica. See numbers of Anthropos
Permanent international committee of linguists. Linguistic bibliography for the years 1948[-1956] and sups. for previous years. Spectrum '51-'58 9v
Pike, Kenneth Lee. Language in relation to a unified theory of the structure of human behavior. prelim ed Summer inst. of linguistics '54-'55 2 pts pt 1, p 157-61; pt2, p75-9
Planta, Johann Martin von. Unsere sprachen und wir; von der vielsprachigen Schweiz zum sprachziel des abendlandes. Huber '57 p 149-55
Pop, Seyer. Bibliographie des questionnaires linguistiques. (Pubs. 6) Com. for linguistic inquiry, Permanent int. com. of linguists '55 168p
Potter, Simeon. Modern linguistics. (Language lib) Essential bks. '57 p 171-83 annot
Publications récentes. See numbers of Anthropos
- Révész, Géza. Origins and prehistory of language; tr. from the German by J. Butler. Philosophical lib. '56 p227-33
Siertsema, Bertha. Study of glossematics; critical survey of its fundamental concepts. Nijhoff '55 p230-6
Soffetti, J. P. Why children fail to read: a linguistic analysis. Harvard Educ R 25:83-4 Spring '55
Thomas, Lawrence Leslie. Linguistic theories of N. Ja. Marr. (Calif. Univ. Pubs. in linguistics, v 14) Univ. of Calif. press '57 p 168-76
Trnka, Bohumil. Tentative bibliography; with an introd. by Marcel Cohen. (Int. permanent com. of linguists. Com. on linguistic statistics. Pub. 1) Spectrum pub. '50 22p
Verburg, Pieter Adrianus. Taal en functionaleiteit; een historisch-critische studie over opvattingen aangaande de functies der taal vanaf de prae-humanistische philologie van Orleans tot de rationalistische linguïstiek van Bopp. Veenman '52 p445-56
- See also
Bilingualism
Children—Language
Literature
Phonetics
Semantics
Semantics (philosophy)
Speech
Vocabulary
- Periodicals**
Byrd, Milton Bruce, and Goldsmith, Arnold L. Publication guide for literary and linguistic scholars; foreword by William Riley Parker. (Wayne state univ. Detroit. Studies. Humanities, no4) Wayne state univ. press '58 146p
- Psychology**
Hamilton, R. V. Psycholinguistic analysis of some interpretive processes of three basic personality types. J Social Psychol 46:176-7 N '57
- Study and teaching**
Association for supervision and curriculum development. Research helps in teaching the language arts; a rep. prepared for ASCD by Harold G. Shane. The association '55 incl bibliog
Boyd, Gertrude A. and Furness, Edna L. Diagnostic and instructional procedures in the language arts. Curriculum & research center, College of education, Univ. of Wyo. '56 p 194-8
Kale, Shrikrishna Vasudeo. Learning and retention of English-Russian vocabulary under different conditions of motion picture presentation. Pa. state college '53 p 180-7
Ladu, T. FLES—a bibliography. N J Sch Libn 13:18-20 Spring '59
- LANGUAGES, Artificial**
See also
Esperanto
- LANGUAGES, Modern**
American doctoral degrees granted in the field of modern languages in 1953-1954[-1957-1958] Mod Lang J 39:100-6; 40:145-9; 41:194-200; 42:142-6; 43:147-51 F '55, Mr '56, Ap '57, Mr '58, Mr '59
Annual bibliography for 1955[-1958] PMLA 71:101-266; 72:133-402; 73:95-364; 74:67-336 A '56, Ap '57, Ap '58, Ap '59
Bibliographic. See numbers of Langues modernes
Eells, W. C. American doctoral theses on modern languages written by women in the 19th century. Mod Lang J 41:209-11 My '57
Modern humanities research association. Year's work in modern language studies, 1954[-1957] (V 16-19) Cambridge '55-'58 4v
New publications. See numbers of Modern language review
Theses for the year 1955[-1959] S Atian Bul 21:14-16; 22:12-14; 23:11-13; 24:13-15; 25:9-11 N '55, N '56, N '57, N '58, N '59
- Research in progress**
Research in progress in the modern languages and literatures, 1955[-1958] PMLA 71:267-345; 73:47-93 Ap '56, Ap '58
- Study and teaching**
Annotated bibliography of modern methodology for 1954[-1957] Mod Lang J 40:83-104; 41:81-103; 42:27-43; 43:34-49 Ja '56, F '57, Ja '58, Ja '59

LANGUAGES, Modern—Study and teaching—

Continued

- Brickman, W. W. Foreign-language teaching. *Sch & Soc* 81:155-6 My 14 '55
- Johnston, M. C. References on foreign languages in the elementary school. *Mod Lang J* 41:170-3 Ap '57
- Jones, Helen Fe. Foreign languages in the secondary school curriculum. (Curriculum bul. no 192) School of education, Univ. of Ore. '59 p 17-18
- Metropolitan school study council. Committee on foreign languages in the elementary school. Some solutions to problems related to the teaching of foreign languages in elementary schools; a report. The council '56 p31-3
- Oliva, Peter F. Instructional aids and sources for foreign languages. Materials diffusion project. College of education, Univ. of Fla. '59 incl bibliog
- Thompson, Elizabeth Engle, and Hamalainen, Arthur Emil. Foreign language teaching in elementary schools; an examination of current practices. Association for supervision & curriculum development '58 p43-6
- United Nations educational, scientific and cultural organization. Bibliography on the teaching of modern languages. (Educational studies and docs, no 13) Education clearing house '55 107p
- LANGUINE, Antonin, 1877-1955**
Lutaud, L. Antonin Langue. *Soc Géol France Bul* 6:782-9 Jl '57
- LANOUX, Armand, 1914?-**
Œuvres d'Armand Lanoux, essai de bibliographie. *Biblio* 25:9 Mr '57
- LAOS**
Hickey, Gerald C. and others, eds. Area handbook on Laos; auths: Albert Androsky [and others] prelim. ed (Human relations area files. Subcontractor's monograph, HRAF-23) Univ. of Chicago '55 p320-8
- Kéne, Thao. Bibliographie du Laos. Com. littéraire lao, Ministère de l'éducation nat. '58 68p
- Antiquities
Hackenberg, R. A. Cambodia, Laos and Vietnam. *Asian Perspect* 1:55-9 Summer '57
- LAPÉROUSE, Jean François de Galaup, comte de, 1741-1788**
Allen, Edward Weber. Vanishing Frenchman; the mysterious disappearance of Lapérouse. *Tuttle* '59 p307-9 annot
- Fleuriot de Langle, Paul. La tragique expédition de Lapérouse et Langle. *Hachette* '54 p241-4
- LAPLAND**
Cappelen, J. W. firm. Oslo. *Laponica, Norvegica: topografi, kulturhistorie, kunst, tidsskrifter, norske forfattere, nordiske bibliofiler trykk, danske og svenske forfattere.* (Katalog no9) The firm '53 61p
- LAPPS**
Indiana. University. Graduate program in Uralic and Asian studies. Lapps; auth: Eeva K. Minn. (Subcontractor's monograph, HRAF-3) Human relations area files '55 incl bibliog
- Manker, Ernst Mauritz. Les Lapons des montagnes suédoises; traduit du suédois par I. et S. P. [i.e. J.J. Lehman. (Géographie humaine, 24) Gallimard '54 p271-9
- Same; with title: Nomadism of the Swedish mountain Lapps; the Siidas and their migratory routes in 1945; tr. by Robert N. Pehrson. (Nordiska museet. Acta lapponica, 7) Geber '53 p257-61
- Whitaker, Ian. Social relations in a nomadic Lappish community. (Samiske samlinger, v2) Norsk folkemuseum '55 p 150-62
- Antiquities
Serning, Inga. Lapska offerplatsfynd från järnålder och medeltid i de svenska lappmarkerna; med numismatisk bilaga utarb. i Kungl. Myntkabinettet under medverkan av Vera Jammer [et al.] with an English summary. (Stockholm. Nordiska museet. Acta lapponica, 11) Geber '56 p 172-81, 219-22
- LAQUERRIERE, André Lucien, 1881-1953**
Lanoizéle, Louis. Un bouquiniste des quais de Paris: André-Lucien Laquerrière. The author '58 p37
- LA RAMEE, Pierre de, 1515?-1572**
Ong, Walter Jackson. Ramus and Talon inventory; a short-title inventory of the pub. works of Peter Ramus (1515-1572) and of Omer Talon (ca 1510-1562) in their original and in their variously altered forms; with related material: 1. The Ramist controversies; a descriptive catalogue. 2. Agricola check list: a short-title inventory of some ptd. eds. and ptd. compendia of Rudolph Agricola's Dialectical invention (De inventione dialectica) Harvard univ. press '58 558p
- LARBAUD, Valéry, 1881-**
Barmann, C. Œuvres de Valéry Larbaud; bibliographie. *Biblio* 24:9-11 N '56
- Famerie, Jacqueline. Valéry Larbaud; essai de bibliographie. (Bibliog. belgeca 25) Comm. belge de bibliog. '58 252, 35p
- Larbaud, Valéry. Œuvres; préf. de Marcel Arland. (Bibliothèque de la Pléiade, 126) Gallimard '57 p 1125-43
- LARVAE**
Beck, S. D. European corn borer, *pyrausta nubilalis* (Hubn.) and its principal host plant. *Entom Soc Am Ann* 49:558, 587-8 N '56
- Brauns, Adolf. Puppen terricoler dipterenlarven; eine einföhrung in die kenntnis der ruhestadien bodenlebender zweiflüglerlarven der waldbiozönose auf systematischer grundlage. (Untersuchungen zur angewandten bodenbiologie, v2) Musterschmidt wissenschaftlicher verlag '54 p 141-5
- Brauns, Adolf. Terricole dipterenlarven; eine einföhrung in die kenntnis und ökologie der häufigsten bodenlebenden zweiflüglerlarven der waldbiozönose auf systematischer grundlage. (Untersuchungen zur angewandten bodenbiologie, v 1) Musterschmidt wissenschaftlicher verlag '54 p 160-9
- Brookes, V. J. and Fraenkel, G. Nutrition of the larva of the housefly, *musca domestica*. *L. Physiol Zool* 31:223 Jl '58
- Caspari, E. and Blomstrand, I. Yellow pigment in the testis of ephestia: its development and its control by genes. *Genetics* 43:693-4 S '58
- Eldt, D. C. Anatomy and histology of the full-grown larva of ctenicera aeripennis destructor (Brown) (coleoptera: elateridae) *Can J Zool* 36:358-9 Je '58
- Friend, W. G. and Patton, R. L. Studies on vitamin requirements of larvae of the onion maggot, *hylemya antiqua* (MG.) under aseptic conditions. *Can J Zool* 34:161-2 Ap '56
- Gould, Douglas Jay. Larval trombiculid mites of California (acarina: trombiculidae) (Calif. Univ. Pubs. in entomology, v 11, no 1) Univ. of Calif. press '56 p79-86
- Jones, J. C. Effects of salts on anopheles heart rates. *J Exp Zool* 133:142-4 O '56
- MacSwain, John Winslow. Classification of the first instar larvae of the meloidae (coleoptera) (Calif. Univ. Pubs. in entomology, v 12) Univ. of Calif. press '56 p 141-9
- Maxwell, D. E. Comparative internal larval anatomy of sawflies (hymenoptera: symphyta) *Can Entom* 87 sup 1:123-5 '55
- Nichols, R. L. Etiology of visceral larva migrans. *J Parasitol* 42:357, 377 Ag '56
- Oberholzer, J. J. Morphological study of some South African lamellicorn larvae. *So African J Ag Sci* 2:48, 87-8 Mr '59
- Sanjean, John. Taxonomic studies of sarcophaga larvae of New York, with notes on the adults. (Memoir 349) Agricultural experiment station. Cornell univ. '57 p64-75
- Szarski, H. Origin of the larva and metamorphosis in amphibia. *Am Natur* 91: 297-301 S '57
- Thomas, J. B. Use of larval anatomy in the study of bark beetles (coleoptera: scolytidae) *Can Entom* 89 sup:29-31 '57
- Wheeler, G. C. and Wheeler, J. Ant larvae of the subfamily pseudomyrmecinae (hymenoptera: formicidae) *Entom Soc Am Ann* 49:393 Jl '56
- See also
Caterpillars
- LARYNX**
Rustad, William H. Recurrent laryngeal nerves in thyroid surgery. *Thomas* '56 p45-7

LARYNX—Continued

Surgery

- Di Carlo, Louis Michael, and others. Speech after laryngectomy; a comparative study of the breathing and speech coordinations of laryngectomized and normal subjects, and the relationships between the breathing and speech coordinations and articulatory errors of laryngectomized subjects to their speech intelligibility. (Syracuse univ. Special education and rehabilitation monograph ser, 1) Syracuse univ. press '55 p 181-4
- LA SALLE, Jean Baptiste de, Saint, 1651-1719 Battersby, William John. St John Baptist de La Salle; with a foreword by H. O. Evannett. Burns '57 p335-41
- LASSBERG, Joseph Maria Christoph, freiherr von, 1710-1855
Bader, Karl Siegfried, ed. Joseph von Lassberg, mitter und sammler; aufsätze zu seinem 100. todestag [bibliog. von H. Beckman-Ritzel] Vorwerk '55 p395-413
- LAST, Hugh Maciawain, 1894?-1957
Bibliography of the published writings of H. M. Last. J Kom Stud 47:3-8 '57
- LAST supper. See Lord's supper
- LATERALITY
See also
Left- and right-handedness
- LATERITE
Bawa, K. Laterite soils and their engineering characteristics. Am Soc Civil Eng Proc 83 LSM 4 no 14281:11-14 N '57
- Eyles, Victor Ambrose. Composition and origin of the antrm laterites and bauxites; with mineral determinations by X-ray methods by F. A. Bannister [and others] (Gt. Brit. Geological survey. Memoirs: Northern Ireland) H.M.S.O. '52 p82-5
- LATEX
Noble, Royce Jennings. Latex in industry. 2d ed Rubber age '53 incl bibliog
- LATHES
Abell, Sydney George, and others. Bibliography of the art of turning and lathe and machine tool history with additional references to books and periodical articles which are of interest in relation to these subjects; trs. by Henry Herbert Kolm. 2d ed rev & enl Soc. of ornamental turners '56 89p
- LATHYRISM
Gardner, A. F. Experimental lathyrism; review of the literature. Am J Clin Nutrition 7:213-23 Mr '59
- LATIMER, Wendell Mitchell, 1893-1955
Hildebrand, J. H. Wendell Mitchell Latimer. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p230-7)
- LATIN AMERICA
Bibliografía hispanoamericana. See numbers of Revista hispánica moderna
Book notices. See numbers of Hispanic American historical review
British bulletin of publications on Latin America, the West Indies, Portugal and Spain. Hispanic and Luso-Brazilian councils, Canning house lib. See numbers
Doctoral dissertations of Latin American topics, 1954 [-1955] Hispan Am Hist R 35: 221-70; 36:348-80 My '55, Ag '56 annot
Doors to Latin America. Inter-Am. bibliog. & lib. assn. See numbers annot
Galindez Suárez, Jesús. Iberoamérica; su evolución política, socio-económica, cultural e internacional. Las Americas '54 p529-601
Gardel, Luis Delgado. Brief description of some rare & interesting books from the XVth & XVIIIth centuries which can be found in the Columbus memorial library. Pan Am. union '58 p67-70
Getlen, Mary Jane. Latin America today; a bibliography. Lib. N.J. State college, Trenton '58 9p annot
Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v annot
Hilton, Ronald, ed. Handbook of Hispanic source materials and research organizations in the United States. 2d ed Stanford univ. press '56 448p
Humphreys, Robert Arthur. Latin American history; a guide to the literature in English. Oxford '58 197p
Índice bibliográfico. Latin Am. index. See numbers

- Kantor, Harry. Bibliography of unpublished doctoral dissertations and masters theses dealing with the governments, politics and international relations of Latin America. (Pubs. ser 1, v 13) Inter-Am. bibliog. & lib. assn. '53 85p
Kidder, Frederick Elwyn. Survey of investigations in progress in the field of Latin American studies. Pan Am. union '56 58p
Leon Pinelo, Antonio Rodríguez de. El Epítome de Pinelo, primera bibliografía del Nuevo Mundo; estudio prelim. de Agustín Millares Carlo. Pan Am. union '58 186p
Pan American union. Columbus memorial library. List of books accessioned and periodical articles indexed for the month. The library. See numbers
Revista interamericana de bibliografía. Inter-American committee on bibliog. Pan Am. union. See numbers
Taylor, Marion R. Guide to Latin-American reference materials; a union list for use in the Atlanta-Athens area. (Regional bibliogs. no 1) Ga. chapter, Special lib. assn. '58 102p
Texas. University. Institute of Latin American studies. Seventy-five years of Latin American research at the University of Texas; masters theses and doctoral dissertations, 1893-1958, and pubs. of Latin Am. interest, 1941-1958. (Latin Am. studies 18) The institute '58 67p
United States. Department of state. Division of library and reference services. Brief reading list of Latin American republics. (Bibliog. list 79) The services '52 13p
See also
Pan Americanism
South America
United nations—Latin America

Bibliography

- Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p264-8; no 19, p344-7; no20, p314-15; no21, p281 annot

Civilization

- González Ruiz, Felipe. Evolución de la cultura en América; estudios de iniciación. Sapientia '53 incl bibliog
Vicéns Vives, Jaime, ed. Historia social y económica de España y América. Editorial Teide '57 2v v 1, p491-4; v2, p549-55

Commerce

- Thompson (J. Walter) company. Latin American markets, 1956; a descriptive and statistical survey of 30 markets made up of almost 173 million people. McGraw '56 p 195-6

Description and travel

- Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p87-104; no 19, p 112-28; no20, p 106-26; no 21, p82-95 annot

Economic conditions

- Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p50-75; no 19, p69-93; no20, p78-95; no21, p54-72
Wagemann, Ernst Friedrich. Ein markt der zukunft: Lateinamerika. Econ-verlag '53 p 135-6

Foreign relations

- Glick, Edward B. Latin America and the Palestine problem. Theodor Herzl foundation '58 p 182-96
Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 168-73; no 19, p218-25; no20, p209-14; no21, p 173-8 annot
Houston, John Albert. Latin America in the United nations; foreword by Ricardo J. Alfaro. (United nations studies, no8) Carnegie endowment '56 p319-30

History

- Bannon, John Francis, and Dunne, Peter Masten. Latin America: an historical survey. rev ed Bruce pub. '58 incl bibliog
Bibliografía histórica de España e Hispanoamérica, 1953-1954-1958 (V 1-4) Teide '55-'59 4v
Published also quarterly as Índice histórico español
Bishko, C. J. Iberian background of Latin American history: recent progress and continuing problems. [bibliographical article] Hispan Am Hist R 36:50-80 F '56

LATIN AMERICA—History—Continued

Gibson, Charles. Colonial period in Latin American history. (Pub. no 7) Service center for teachers of history '58 24p

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 113-67; no 19, p 138-217; no 20, p 137-208; no 21, p 103-72 annot

Rippy, J. Fred. Latin America; a modern history. (Univ. of Mich. history of the modern world) Univ. of Mich. press '58 p571-9

Stuart, Graham Henry. Latin America and the United States. 5th ed Appleton '55 incl bibliog

Williams, Mary Wilhelmine. People and politics of Latin America; 4th ed. by [the auth] and others. Ginn '55 p911-35 annot

Worcester, Donald Emmet, and Schaeffer, Wendell, G. Growth and culture of Latin America. Oxford '56 incl bibliog

Historiography

Humphreys, R. A. Historiography of the Spanish American revolutions. Hispan Am Hist R 36:81-93 F '56

Sources

Spain. Archivo histórico nacional, Madrid. Documentos de Indias, siglos XV-XIX; catálogo de la serie existente en la Sección de diversos [por] M. del Carmen Pescador del Hoyo. (Catálogos de archivos y bibliotecas) Servicio de publicaciones, Dirección general de archivos y bibliotecas '54 279p

Wars of independence, 1806-1830

Humphreys, R. A. Historiography of the Spanish American revolutions. Hispan Am Hist R 36:81-93 F '56

Juvenile literature

Pan American union. Department of cultural affairs. Latin America in books for boys and girls; comp. by the Children's bk. com. of the Child study assn. of Am. and pub. as a sup. to the list of bks. accessioned and periodical articles indexed, Nov. 1956. The department '56 23p annot

Politics

Davis, Harold Eugene, ed. Government and politics in Latin America; contributors: Robert J. Alexander [and others] Ronald '58 incl bibliog

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 105-12; no 19, p 129-37; no 20, p 127-36; no 21, p 96-102 annot

Johnson, John J. Political change in Latin America; the emergence of the middle sectors. (Stanford studies in history, economics, and political sciences, v 15) Stanford univ. press '58 p 197-263 annot

Johnson, J. J. Middle groups in national politics in Latin America. Hispan Am Hist R 37:324-9 Ag '57

Pan American union. Columbus memorial library. Bibliography on public administration in Latin America. 2d ed (Bibliog. ser. no 43) Dept. of cultural affairs '58 198p

Pierson, William Whatley, and Gil, Federico Guillermo. Governments of Latin America. (McGraw-Hill ser. in political science) McGraw '57 incl bibliog

Stuart, Graham Henry. Latin America and the United States. 5th ed Appleton '55 incl bibliog

Religion

Rycroft, William Stanley. Religion and faith in Latin America; with a foreword by Alberto Rembao. Westminster press '58 p 193-7

See also

Catholic church in Latin America

Social conditions

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 253-63; no 19, p 328-38; no 20, p 304-12; no 21, p 271-6 annot

LATIN AMERICA and the United States**See also**

Monroe doctrine

LATIN AMERICAN literature. See Spanish American literature

LATIN AMERICAN philosophy. See Philosophy, Latin American

LATIN drama**History and criticism**

Beare, William. Roman stage; a short history of Latin drama in the time of the republic. 2d ed Methuen '55 p346-52

LATIN inscriptions. See Inscriptions, Latin**LATIN language**

Blaise, Albert. Manuel du latin chrétien. Le latin chrétien '55 p207-17

See also

Inscriptions, Latin
Romance languages

Style

Springhetti, Emilio. Institutiones stili latini. (Latinitas perennis, 2) Pontificia univ. gregoriana '54 p xi-xii

Syntax

Woodcock, Eric Charles. New Latin syntax. Harvard univ. press '59 p243

LATIN literature

Þorgilsson, Þórhallur. Drög að skrá um ritverk á íslenzku að fornu og nýju af latneskum eða rómönskum uppruna; v 1, Frakkland. (Bibliographiae latino-romanicae islandicae tentamen. 1: Scripta e fontibus gallicis) Landsbókasafn Íslands '54 1v

History and criticism

Büchner, Karl. Römische literaturgeschichte: ihre grundzüge in interpretierender darstellung. (Kröners taschenausgabe, v247) Kröner '57 p557-66

Translations from Arabic

Carmody, Francis James. Arabic astronomical and astrological sciences in Latin translation; a critical bibliography. Univ. of Calif. press '56 193p

LATIN manuscripts. See Manuscripts, Latin

LATIN papyri. See Manuscripts, Latin (papyri)

LATIN poetry, Medieval and modern

History and criticism

Chiri, Giuseppe. Poesia cortese latina (profilo storico dal V al XII secolo) (Nuovi saggi, 5) Edizioni dell'Ateneo '54 p 113-20

Raby, Frederic James Edward. History of Christian-Latin poetry from the beginnings to the close of the middle ages. 2d ed Oxford '53 p461-89

Raby, Frederic James Edward. History of secular Latin poetry in the middle ages. 2d ed Oxford '57 2v v2, p361-99

Waddell, Helen Jane. Wandering scholars. (Doubleday anchor bk, A 63) Doubleday '55 p307-37

LATVIA

Chicago. University. Bibliography of Latvia, prepared by the University for Human relations area files, inc. (Behavior science bibliogs) The university '56 45p

Chicago. University. Division of the social sciences. Latvia: an area study; ed. George B. Carson; contributors: Josef Anderle [and others] (Subcontractor's monograph, HRAP-41) Human relations area files '56 incl bibliog

History

Hellmann, Manfred. Das Lettenland im mittelelter; studien zur ostbaltischen frühzeit und lettischen stammesgeschichte, insbesondere Lettgallens. (Beiträge zur geschichte Osteuropas, v 1) Böhlau-verlag '54 p xiv-xxii

Rīga. Valsts bibliotēka. Revolucionārā kustība Latvijā; ieteicamās literatūras rādītājs [sastādītāji: J. Veinbergs un O. Pūce] The library '55 31p

LAUBERT, Manfred, 1877-

Johann Gottfried Herder-forschungsrat. Manfred Laubert zum 75. geburtsdag, am 4. november 1952; sein leben und sein werk. The council '52 p 17-45

LAUNDRY

Laundry references. Prac Home Econ 34:42 N '55

Reumuth, Horst. Vom schmutz und vom waschen; die physikalisch-chemischen grundlagen der textilen wasch- und veredlungsprozesse; zugleich ein beitrage zur mikroskopie in der technik. (Monographie der praxis) Econ-verlag '53 p 117-22

- LAUTENBACH, Wilhelm, 1891-1948**
Lautenbach, Wilhelm. Zins, kredit und produktion, hrsg. von Wolfgang Stüttzel; mit einem vorwort von Wilhelm Röpke. J. C. B. Mohr (P. Siebeck) '52 p213-15
- LAVA**
Kuno, H. and others. Differentiation of Hawaiian magmas. *Japan J Geol & Geog* 28:216-18 D '57
Wager, L. R. Chemical definition of fractionation stages as a basis for comparison of Hawaiian, Hebridian, and other basic lavas. *Geochimica & Cosmochimica Acta* 9: 247-8 Je '56
Wentworth, Chester Keeler, and Macdonald, Gordon Andrew. Structures and forms of basaltic rocks in Hawaii. (U.S. Geological survey. Bul. 994) U.S. Gov. ptg. office '53 p91-5
- LAVAL, Pierre, 1883-1945**
Mallet, Alfred. Pierre Laval. (Archives d'histoire contemporaine) Amiot-Dumont '55 2v v2, p406-21
- LA VALLIERE, Louise Françoise de la Baume Le Blanc, duchesse de, 1644-1710**
Sanders, Joan. La petite; the life of Louise de la Vallière. Houghton '59 p263-5
- LAVEDAN, Pierre, 1885-**
Urbanisme et architecture; études écrites et publiées en l'honneur de Pierre Lavedan. Laurens '54 p5-7
- LA VERENDRYE, Pierre Gaultier de Varennes, sieur de, 1685-1749**
Crouse, Nellis Maynard. La Vérendrye, fur trader and explorer. Cornell univ. press '56 p237-41
- LAVOISIER, Antoine Laurent, 1743-1794**
Duveen, Denis I. and Klickstein, Herbert S. Bibliography of the works of Antoine Laurent Lavoisier, 1743-1794; with a pref. by John F. Fulton. Dawson '54 491p
- LAW**
American bar foundation. American bar research center. Graduate degrees in law, 1953-54[1957-58] Current legal research projects and allied activities. (Pub. no2-6) The foundation '55-'59 5v
Aumann, Francis Robert. Instrumentalities of justice: their forms, functions, and limitations. (Ohio. State univ, Columbus. Contributions in history and political science, no 18) Ohio state univ. press '56 p 125-31
Bibliographische und dokumentarische hinweise. See numbers of Zeitschrift für ausländisches öffentliches recht und völkerrecht
Bibliographischer dienst Staat und recht. Deutsches inst. für rechtswissenschaft. See numbers
Book notes and bibliography. See numbers of American political science review
Catalogue des sources de documentation juridique dans le monde. Register of legal documentation in the world. 2d ed. rev. & enl. prepared by the Int. assn. of legal science and the Int. com. for social science documentation. (Documentation in the social sciences) UNESCO '57 424p annot
Coen, L. J. and Mersky, R. M. Law books for public libraries. *Lib J* 84:2117-20, 2270-3 Jl-Ag '59 annot
Current publications in legal and related fields. Am. assn. of law libraries. See numbers
Fuchs, Wilhelm. Juristische bücherkunde; geschichte und system der juristischen fachbibliographie; eine einföhrung in die bibliographische technik und in den bibliographischen apparat der rechts-, staats- und ihrer hilfswissenschaften; 1, Darstellung der teil (geschichte und system) 5th rev ed Schönöhütte '53 incl bibliog
Index to legal periodicals; pub. for the Am. assn. of law libraries. Wilson. See numbers
Index to periodical articles related to law. Yale law lib; Columbia law lib. See numbers
Japan science review. Law and politics; list of books and articles, 1946-1950[1956] (No2-3, 5-9) Union of Japanese socs. of law & politics '51-'58 7v
Law materials of general interest. See numbers of News notes of California libraries thru April 1957 annot
Maryland. State library, Annapolis. Selected list of law books available in the Maryland state library; incl. a brief history of the lib; comp. by Nelson J. Molter. rev ed The library '54 108p
—Same; comp. by Nelson J. Molter and Ruth D. Burton. rev ed The library '58 152p
Nagy, Lajos. Jogl és államigazgatási bibliográfia, 1952. (Budapest. Állam- és jogtudományi intézet. Könyvtar, no7) Jogl- és államigazgatási könyv- és folyóiratkiadó '54 135p
Napoleone, V. Dizionario bibliografico delle riviste giuridiche italiane su leggi vigenti, 1865-1954. Giuffrè '56 2023p
Société d'histoire du droit des pays flamands, picards et wallons. Livres anciens de droit d'origine étrangère imprimés aux Pays-Bas; essai de bibliog. et catalogue de l'exposition organisée à l'occasion des Journées d'histoire de droit de la Société du 21 au 23 mai 1953 à l'Hôtel de ville de Breda. (Bibliothèque de l'univ. d'Amsterdam) Stadsdrukkerij '53 72p
Stollreither, Konrad. Internationale bibliographie der juristischen nachschlagewerke. International bibliography of legal reference books. Klostermann '55 595p
Zeitschriftenschau. See numbers of Zeitschrift für ausländisches öffentliches recht und völkerrecht
See also
Administrative law
Aeronautics—Laws and regulations
Atomic power—Law and legislation
Canon law
Commercial law
Contracts
Ecclesiastical law
Educational laws and legislation
Fishery laws and legislation
International law
International law, Private
Jurisdiction
Justice
Justice, Administration of
Labor laws and legislation
Legislation
Legislative bodies
Maritime law
Mohammedan law
Natural law
Obscenity (law)
Patent laws and legislation
Police
Press law
Probate law and practice
Railroad law
Roman law
Water—Laws and legislation
Classification
See also
Classification—Books—Law
Jews
See Jews—Legal status, laws, etc.
Periodicals
Autti, Aune, and Sipponen, Kaudo. Yhteisluettelo Suomen tieteellisissä kirjastoissa olevista ulkomaisista lainopillisista aineksista ja sarjajulkaisuista. Samkatolog över utländska juridiska tidskrifter och seriepublikationer i Finlands vetenskapliga bibliotek. Union list of foreign juridical journals and serial publications in the research libraries of Finland. Eduskunnan kirjasto '56 215p
Belgrad. Institut za uporedno pravo. Pregled stranih časopisa iz oblasti prava bibliote-kama FNRP. (Pub. serA, no 1) The institute '56 43p
Frykholm, Lars. Förteckning över löpande utländska rättsvetenskapliga seriepublikationer i svenska bibliotek. Riksdagsbiblioteket '57 27p
London. University. Institute of advanced legal studies. Survey of legal periodicals: union catalogue of holdings in British libraries. 2d ed (Pubs, no 1) The institute '57 82p
Pimsleur, M. G. New titles in Anglo-American legal periodicals. *Law Lib J* 51:134-43 My '58
Stanford university. Hoover institute and library on war, revolution, and peace. Bibliography of law journals currently published in eastern Europe. The library '55 9p annot
Philosophy
Friedrich, Carl Joachim. Philosophy of law in historical perspective. Univ. of Chicago press '58 p233-40

LAW—Philosophy—Continued

- Herron, Matthew. Binding force of civil laws. St Anthony guild '58 p 113-17
- Kantorowicz, Hermann. Definition of law; ed. by A. H. Campbell; with an introd. by A. L. Goodhart. Cambridge '58 p 103-8 annot
- Ritter, Klaus. Zwischen naturrecht und rechtspositivismus; eine erkenntnistheoretische auseinandersetzung mit den neueren versuchen zur wiederherstellung einer rechtsmetaphysik; mit einem vorwort von Hans Dornbois. (Glaube und forschung 10) Luther-verlag '56 p 119-28
- Vecchio, Giorgio del. Philosophy of law; tr. by Thomas Owen Martin from the 8th ed. 1952. Catholic univ. of Am. press '53 p457-60

See also

Law and ethics**History**

- Villey, Michel. Leçons d'histoire de la philosophie du droit. (Strasbourg. Univ. Faculté de droit et des sciences politiques. Annales. 4) Dalloz '57 incl bibliog

Sociology

See Law and society

Dominican Republic

- Pan American union. Division of law and treaties. Selected bibliography on legal and related matters affecting business in the Dominican Republic. The division '53 5p

Finland

- Reinikainen, Veikko, ed. Suomen lainopillinen kirjallisuus. Bibliographia iuridica fennica, 1809-1948. (Julkaisu, ser C, no3) Suomalainen lakimiesyhdistys '51 1047p

Germany

- Döhring, Erich. Geschichte der deutschen rechtspflege seit 1500. Duncker & Humblot '53 p464-76
- Planitz, Hans, and Buyken, Thea. Bibliographie zur deutschen rechtsgeschichte. Klostermann '52 1044p

Great Britain

- Legal bibliography of the British Commonwealth of nations. 2d ed Sweet '55-'58 6v
- Smith, Goldwin Albert. Constitutional and legal history of England. (Scribner's historical ser) Scribner '55 p531-51 annot

Colonies

- Legal bibliography of the British Commonwealth of nations. 2d ed Sweet '55-'58 6v

Hungary

- Mid-European law project. Legal sources and bibliography of Hungary, by Alexander Kainoki Bedo and George Torzsay-Biber; pub. for Free Europe committee. (Praeger pubs. in Russian history and world communism, no20) Praeger '57 157p
- Nagy, Lajos. Jogi és államigazgatási bibliográfia, 1952. (Budapest. Állam- és jogtudományi intézet. Könyvtár, no7) Jogi- és államigazgatási könyv- és folyóiratkiadó '54 135p

Ireland

- Donaldson, Alfred Gaston. Some comparative aspects of Irish law. (Duke univ. Commonwealth studies center. Pub. no3) Duke univ. press '57 p 270-82

Latin America

- Bavitch, Stojan Albert. Guide to interamerican legal studies; a sel. bibliog. of works in English. Univ. of Miami law lib. '57 297p
- Handbook of Latin American studies, no 18 [1-21] Univ. of Fla. press '55-'59 4v no 18, p225-35; no 19, p294-309; no20, p278-87; no21, p243-55 annot

New Mexico

- Poldervaart, Arie William. Manual for effective New Mexico legal research. (N.Mex. Univ. Pubs. in social sciences and philosophy, no2) Univ. of N.Mex. press '55 incl bibliog

United States

- Book notes and bibliography. See numbers of American political science review

- Gerhart, Eugene Clifton. America's advocate: Robert H. Jackson. Bobbs '53 p526-32
- Greenberg, Jack. Race relations and American law. Columbia univ. press '59 p21-37 annot

- Henkin, Louis. Arms control and inspection in American law; with a foreword by Philip C. Jessup. Columbia univ. press '58 p270-7
- Jacobstein, J. Myron, and Pimsleur, Meira G. Law books in print. Glanville pub. '57-'59 2v

- Los Angeles county law library. Readings on the American legal system. The library '56 2p annot

—Same. The library '59 3p annot

- Municipal year book, 1956[1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p471-2; 1957, p470-1; 1958, p484-5; 1959, p491-2

- Pullen, William Russell. Check list of legislative journals issued since 1937 by the states of the United States of America. A.L.A. '55 59p

- United States. Department of the army. Army library. Selected bibliography in constitutional law and administrative law, with reference lists; rev. to date by Clayton R. Gibbs. The library '55 61p

- United States. Superintendent of documents. Laws. (Price list 10, 46th ed) U.S. Gov. ptg. office '59 34p

History

- Dalzell, George Walton. Benefit of clergy in America & related matters. Blair '55 p273-81 annot

LAW, Germanic

- Lear, Floyd Seyward. Treason and related offenses in Roman and Germanic law. (Pamphlet v42, no2) Rice inst. '55 p90-110 annot

LAW, Hebrew. See Jewish law**LAW, Jewish. See Jewish law****LAW, Maritime. See Maritime law****LAW, Martial. See Martial law****LAW, Natural. See Natural law****LAW, Primitive**

- Gluckman, Max. Judicial process among the Barotse of Northern Rhodesia. Free press '55 p370-3

LAW and ethics

- Cahn, Edmond Nathaniel. Moral decision; right and wrong in the light of Am. law. Ind. univ. press '55 p319

LAW and society

- Carlston, Kenneth Smith. Law and structures of social action. Columbia univ. press '56 p274-84

LAWRENCE, David Herbert (Lawrence H. Davison, pseud) 1885-1930

- Arnold Armin. D. H. Lawrence and America. Philosophical lib. '59 p231-44

- Freeman, Mary. D. H. Lawrence; a basic study of his ideas. Univ. of Fla. press '55 p263-9 annot

- Illinois. Southern Illinois university, Carbondale. University libraries. D. H. Lawrence; an exhibition of first eds, mss, paintings, letters, and miscellany at [the] Library, Apr. 1958; ed. by Earl Tannenbaum. The libraries '58 61p

- Nehls, Edward, ed. D. H. Lawrence: a composite biography. Univ. of Wis. press '57-'59 3 v v1, p535-40; v2 p440-50; v3, p651-5

- Spilka, Mark. Love ethic of D. H. Lawrence. Ind. univ. press '55 p237-40

LAWRENCE, Thomas Edward, 1888-1935

- Aldington, Richard. Lawrence of Arabia; a biographical enquiry. Regnery '55 p421-5 annot

- Armitage, Flora. Desert and the stars; a biography of Lawrence of Arabia. Holt '55 p309-12

- Béraud-Villars, Jean Marcel Eugène. Colonel Lawrence; ou, La recherche de l'absolu. Michel '55 p397-402

- Same; with title: Lawrence; or, The search for the absolute; tr. from the French by Peter Dawnay. Duell '59 p355-8

LAWRENCE, William John, 1862-1940

- Shuttleworth B. W. J. Lawrence; a handlist. Theatre Notebk 8:52-4; 9:15-19, 34-8, 67-73, 97-8; 10:5-10, 52-5, 69-73, 114-17; 11:26-30, 50-5, 78-81, 130-4; 12:21-4, 65-7 Ap. O '54-Winter '58

LAWSON, Henry Archibald Hertzberg, 1867-1922
Stone, Walter W. Chronological checklist of Henry Lawson's contributions to The bulletin (1887-1927) The author '54 21p

LAWYERS

American bar foundation. Lawyers in the United States: distribution and income; pt2. Income. The foundation '58 p35-8
Robson, Robert. Attorney in eighteenth-century England. (Cambridge studies in English legal history) Cambridge '59 p 172-7
Steude, William L. Lawyer in Michigan state government. (Papers in public adm, no31) Inst. of public adm. Univ. of Mich. '59 p61-4

LAXNESS, Halldór Kiljan, 1902-

Esksland, Ivar. Halldór Kiljan Laxness; menneske og motiv. Fønna forlag '55 p 147-9

LAYOUT, Factory. See Factories—Design and construction

LEACHING

Ebel, R. A. Leaching. Ind & Eng Chem 47: 577-8 Mr '55

LEACOCK, Stephen Butler, 1869-1944

Curry, R. L. Stephen Butler Leacock: a check-list. Bul Bibliog 22:106-9 Ja '58

LEAD

American public health association. Occupational health section. Committee on chemical procedures. Methods for determining lead in air and in biological materials. 2d rev ed The association '55 p65-9
Roll, K. H. and Mullarkey, E. J. Lead and its alloys. Ind & Eng Chem 47:1989; 48:1734; 49:1610-11; 50:1453-4 S '55, S '56, S '57, S '58

Isotopes

Eckelmann, W. R. and Kulp, J. L. Uranium-lead method of age determination. Geol Soc Am Bul 67:52-3; 68:1138-40 Ja '56, S '57
Lyons, J. B. and others. Lead-alpha ages of some New Hampshire granites. Am J Sci 255:545-6 O '57

Quinn, A. W. and others. Lead-alpha ages of Rhode Island granite rocks compared to their geologic ages. Am J Sci 255:559-60 O '57

Toxicology

See Lead poisoning

LEAD alloys

Roll, K. H. and Mullarkey, E. J. Lead and its alloys. Ind & Eng Chem 47:1989; 48:1734; 49:1610-11; 50:1453-4 S '55, S '56, S '57, S '58

LEAD compounds

Moss, T. S. Lead salt photoconductors. Inst Radio Eng Proc 43:1880-1 D '55

LEAD industry and trade

Lead development association. Technical abstracts. The association. See numbers

LEAD ores

Agnew, A. F. Application of geology to the discovery of zinc-lead ore in the Wisconsin-Illinois-Iowa district. Min Eng 7:795 Ag '55

LEAD poisoning

Bellrose, Frank Chapman. Lead poisoning as a mortality factor in waterfowl populations. (Ill. Natural history survey. Bul. v27, article 3) Ill. Dept. of registration & education '59 p287-8

Byers, D. H. Evaluation of blood lead analyses. Ind Med 28:119-20 Mr '59

Elder, W. H. Effect of lead poisoning on the fertility and fecundity of domestic mallard ducks. J Wildlife Mgt 18:322-3 Jl '54

LEADERSHIP

Andrews, Richard E. Leadership and supervision, a survey of research findings; a management report. (Personnel management ser, no9) U.S. Civil service comm. '55 p53-62

Bellows, Roger Marion. Creative leadership. (Prentice-Hall industrial relations and personnel ser) Prentice-Hall '59 p311-24

Campbell, Donald Thomas. Leadership and its effects upon the group. (Ohio studies in personnel; Research monograph no83) Bur. of business research, Ohio state univ. '56 p79-81

Chicago. University. Industrial relations center. Leadership and human relations; bibliog. [prepared by] Olive Golden. The center '55 19p annot

—Same: a sel. bibliog. by Edith Arlen. rev ed (Significant sources in management, organization, industrial relations, no6) The center '57 66p annot

Chicago. University. University college. Summer program in executive development for federal administrators, 1957. The college '57 25p (at end)

Drucker, A. J. Predicting leadership ratings in the United States army. Educ Psychol Meas 17:261-3 Summer '57

Ewing, Russel H. Dilemma of leadership in a democracy. Nat. inst. of leadership '56 3p at end

Fiedler, Fred E. Leader attitudes and group effectiveness. Univ. of Ill. press '58 p67-9

Florida. University. College of education. Education library. Leadership in education. (Bibliog. no 12) The library '55 10p

Gardner, G. Functional leadership and popularity in small groups. Human Relations 9 no 4:508-9 '56

Gordon, Thomas. Group centered leadership; a way of releasing the creative power of groups. Houghton '55 p355-60

Halpin, Andrew Williams. Leadership behavior of school superintendents; the perceptions and expectations of board members, staff members, and superintendents. (Studies in educational adm. 6) Midwest adm. center. Univ. of Chicago '59 p87-90

Härnqvist, Kjell. Adjustment; leadership and group relations in a military training situation. Almqvist '56 p209-14

Hemphill, John Knox, and others. Relation between possession of task-relevant information and attempts to lead. (Psychological monographs, general and applied, no414) Am. psychological assn. '56 p23-4

Keesing, Felix Maxwell, and Keesing, Marie Margaret (Martin). Elite communication in Samoa; a study of leadership. (Stanford anthropological ser, no3) Stanford univ. press '56 p301-10

Krumboltz, J. D. Relation of extracurricular participation to leadership criteria. Personnel & Guid J 35:313-14 Ja '57

Laird, Donald Anderson, and Laird, Eleanor Childs (Leonard). New psychology for leadership; based on researches in group dynamics and human relations. McGraw '56 p207-15

Psychological services, incorporated. Bibliography on military leadership; annots. of sel. studies from scientific, technical, and related publications. (Technical research rep. no 18) U. S. Human resources research inst. '53 90p

Ross, Murray G. and Hendry, Charles E. New understandings of leadership; a survey and application of research. Assn. press '57 p 151-8

Scott, Ellis Laverne. Leadership and perceptions of organization. (Ohio studies in personnel; Research monograph no82) Bur. of business research, Ohio state univ. '56 p 115-17

Stogdill, Ralph Melvin, and Coons, Alvin E. eds. Leader behavior: its description and measurement. (Research monograph no88; Ohio studies in personnel) Bur. of business research, Ohio state univ, Columbus '57 incl bibliog

Stogdill, Ralph Melvin, and Shartle, Carroll L. Methods in the study of administrative leadership. (Research monograph no80; Ohio studies in personnel) Bur. of business research, Ohio state univ, Columbus '55 p75-7

Stogdill, Ralph Melvin, and others. Leadership and role expectations. (Research monograph no86; Ohio studies in personnel) Bur. of business research, Ohio state univ, Columbus '56 p 161-2

Weber, Clarence Adam, and Karnes, John Wesley. Industrial leadership; the Am. way to teamwork. Chilton co. '59 p203-15 annot

See also

Psychology. Military

LEAFHOPPERS

Beirne, B. P. Leafhoppers (homoptera: cicadellidae) of Canada and Alaska. Can Entom 88 sup 2:114-16 '56

Nielson, Mervin W. Revision of the genus colladonus (homoptera, cicadellidae). (Technical bul. no 1156) U.S. Dept. of agriculture '57 p48-51

Wolfe, Homer Randall. Leafhoppers of the state of Washington. (Circ. 277) Washington agricultural experiment stations, Inst. of agricultural sciences, State college of Wash. '55 p35-7

LEAGUE of nations

Hoffmann, Stanley. Organisations internationales et pouvoirs politiques des états. (Fondation nat. des sciences politiques. Cahiers, no52) Colin '54 p419-28

LEARNING, Psychology of

- Association for supervision and curriculum development. Learning and the teacher. (Yrbk. 1959) The association '59 incl bibliog
- Berlyne, D. E. Knowledge and stimulus-response psychology. *Psychol R* 61:253-4 J1 '54
- Björkman, Mats. Measurement of learning; a study of verbal rote learning. (Acta univ. stockholmensis; Stockholm studies in psychology. 1) Almqvist '58 p 112-14
- Bleke, R. Reward and punishment as determiners of reminiscence effects in schizophrenic and normal subjects. *J Personality* 23:497-8 Je '55
- Brueckner, Leo John, and Bond, Guy Loraine. Diagnosis and treatment of learning difficulties. Appleton '55 incl bibliog
- Bruner, J. S. and others. Breadth of learning as a function of drive level and mechanization. *Psychol R* 62:10 Ja '55
- Bugelski, Bergen Richard. Psychology of learning. Holt '56 p483-617
- Bush, Robert R. and Estes, William Kaye, eds. Studies in mathematical learning theory; with contributions by Norman H. Anderson [and others] (Stanford mathematical studies in the social sciences. 3) Stanford univ. press '59 incl bibliog
- Campbell, D. T. Operational delineation of what is learned via the transposition experiment. *Psychol R* 61:173-4 My '54
- Campbell, D. T. Perception as substitute trial and error. *Psychol R* 63:341-2 S '56
- Cofe, C. N. Reasoning as an associative process. *J Gen Psychol* 57:66-8 J1 '57
- Crow, Lester Donald, and Crow, Alice. Human development and learning. Am. bk. '56 incl bibliog
- Deese, James Earle. Psychology of learning. 2d ed (Mc-Graw-Hill ser. in psychology) McGraw '58 p333-55
- Eysenck, H. J. Reminiscence, drive, and personality theory. *J Abnorm & Soc Psychol* 53:333 N '56
- Farber, I. E. Role of motivation in verbal learning and performance. *Psychol Bul* 52:325-7 J1 '55
- Florida. University. College of education. Education library. Learning process. 2d ed (Bibliog. no21) The library '57 7p
- Florida. University. College of education. Education library. Motivation and learning. (Bibliog. no20) The library '56 5p
- Frandsen, Arden N. How children learn; an educational psychology. (McGraw-Hill ser. in education) McGraw '57 incl bibliog
- Gagné, R. M. Training devices and simulators: some research issues. *Am Psychologist* 9:106-7 Mr '54
- Giles, Hermann Harry. Education and human motivation. *Philosophical lib.* '57 p 101-8
- Growth, development, and learning; reviews the literature for the period since Dec. 1952[-1955] *R Educ Res* 25:365-486; 28:371-558 O '55, D '58
- Hilgard, Ernest Ropiequet. Theories of learning. 2d ed (Century psychology ser) Appleton '56 incl bibliog
- Kingsley, Howard L. Nature and conditions of learning; 2d ed. rev. by Ralph Garry. (Prentice-Hall psychology ser) Prentice-Hall '57 incl bibliog
- Krasner, L. Studies of the conditioning of verbal behavior. *Psychol Bul* 55:166-70 My '58
- Mary Amatora, Sister. Forced learning may be harmful. *Und Child* 26:12 Ja '57
- Mosteller, F. Stochastic models for the learning process. *Am Philos Soc Proc* 102 no 1:59 '58
- Mowrer, O. H. Two-factor learning theory reconsidered, with special reference to secondary reinforcement and the concept of habit. *Psychol R* 63:127-8 Mr '56
- Rensch, B. Increase of learning capability with increase of brain-size. *Am Natur* 90: 93-5 Mr '56
- Renz, Russell R. Self-directed learning for educational leadership; an abridgment of A study of student-centered teaching and its application to the development of educational leadership. (Bul. 31, no 1) Bur. of school service, College of education, Univ. of Ky. '58 p59-61
- Rollin, A. R. Mass action effects in learning. *J Psychol* 39:317-19 Ap '55
- Rozeboom, W. W. What is learned? an empirical enigma. *Psychol R* 65:32-3 Ja '58
- Salzinger, K. Experimental manipulation of verbal behavior: a review. *J Gen Psychol* 61:89-94 J1 '59
- Spence, K. W. Theory of emotionally based drive (D) and its relation to performance in simple learning situations. *Am Psychologist* 13:140-1 Ap '58
- Spiker, C. C. Experiments with children on the hypotheses of acquired distinctiveness and equivalence of cues. *Child Develop* 27: 261-3 Je '56
- Stevenson, H. W. Experimental studies of children's learning. *J Genetic Psychol* 87: 328-30 D '55
- Underwood, B. J. Interference and forgetting. *Psychol R* 64:58-60 Ja '57
- Waters, R. H. Reinforcement in learning theory: a proposed realignment. *J Gen Psychol* 54:153-4 Ja '56
- Wright, Johan Magnus von. Experimental study of human serial learning. (Finska vetenskaps-societen, Commentationes humanarum litterarum, v23, no 1) Munksgaard '57 p 155-61
- See also
 Alternation, Double
 Animal learning
 Conditioned responses
 Fixation (learning)
 Memory
 Problem solving
 Reading, Psychology of
 Recall (psychology)
 Transfer of training
- LEARNING and scholarship**
 See also
 Humanism
 Research
- LEASING of equipment**
 National association of assessing officers. Assessment of leased equipment. The association '59 p55-8
- LEAST squares**
 Darlington, S. Linear least-squares smoothing and prediction, with applications. *Bell System Tech J* 37:1293-4 S '58
- Rainsford, Hume Frederick. Survey adjustments and least squares. *Ungar* '58 p303-16
- LEATHER**
 Abstracts. See numbers of American leather chemists association. Journal
 Abstracts. See numbers of Society of leather trades' chemists. Journal
 Gansser, A. Training in modern times. *Ciba R* no 118:34 Ja '57
- Wallace, Everett L. Leather research and technology at the National bureau of standards; a review and bibliography. (Nat. bur. of standards, Circ. 560) U.S. Gov. ptg. office '55 13p
- See also
 Hides and skins
 Tanning
- LEATHER industry and trade**
 O'Flaherty, Fred, and others, eds. Chemistry and technology of leather. (Am. chemical soc. Monograph ser, no 134) Reinhold '56-'58 2v incl bibliog
- LEATHES, John Beresford, 1864-1956**
 Peters, K. John Beresford Leathes. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p 190-1)
- LEAUTAUD, Paul, 1872-**
 Œuvres de Paul Léautaud; essai de bibliographie. *Biblio* 24:12 J1 '56
- LEAVES**
 Marsden, M. P. F. and Bailey, I. W. Fourth type of nodal anatomy in dicotyledons illustrated by clerodendron tichotomum Thunb. *Arnold Arbor J* 36:47-50 Ja '55
- Sacher, J. A. Cataphyll ontogeny in pinus lambertiana. *Am J Bot* 42:90-1 Ja '55
- Scheidecker, D. Diagnostic foliaire; éléments de documentation. Centre de phytophysiologie, Office de la recherche scientifique et technique outre-mer '55 43p
- Thorne, G. N. Factors affecting uptake of radioactive phosphorus by leaves and its translocation to other parts of the plant. *Ann Bot* 22:397-8 J1 '58
- See also
 Defoliation
 Forest litter
 Stipules (botany)

LEAVES—Continued

Anatomy

- Brown, W. V. Leaf anatomy in grass systematics. *Bot Gaz* 119:178 Mr '58
 De Wet, J. M. J. Leaf anatomy and phylogeny in the tribe danthonieae. *Am J Bot* 43:182 Mr '56
 Foster, A. S. Comparative morphology of the foliar sclereids in boronella Baill. *Arnold Arb J* 36:196-7 Ap '55
 Rodin, R. J. Leaf anatomy of welwitschia. *Am J Bot* 45:95, 103 F '58
 Sun, C. N. Histogenesis of the leaf and structure of the shoot apex in glycine max (L.) Merrill. *Torrey Bot Club Bul* 84:173-4 My '57

Chemical composition

- Emmert, F. H. Soluble and total phosphorus, potassium, calcium and magnesium of apple leaves as affected by time and place of sampling. *Am Soc Hort Sci Proc* 64:13-14 '54
 Gagnon, D. and others. Mineral nutrient content of some forest plant leaves and of the humus layer as related to site quality. *Can J Bot* 36:219-20 Mr '58
 Kates, M. and Eberhardt, F. M. Isolation and fractionation of leaf phosphatides. *Can J Bot* 35:904-5 N '57
 Plaisted, P. H. Some biochemical changes during development and aging of acer plantanoides L. leaves. *Boyce Thompson Inst Contrib* 19:253-4 Ja '58
 Stafford, H. A. and Loewus, F. A. Fixation of C¹⁴O₂ into tartaric and malic acids of excised grape leaves. *Plant Physiol* 33:198-9 My '58
 Staples, R. C. Changes in the organic acid composition of wheat leaves infected with the leaf rust fungus. *Boyce Thompson Inst Contrib* 19:17-18 Jl '57
 Wolf, F. T. Changes in chlorophylls A and B in autumn leaves. *Am J Bot* 43:717-18 N '56

Morphology

- Crotty, W. J. Trends in the pattern of primordial development with age in the fern acrostichum daneae-foolium. *Am J Bot* 42: 635-6 Jl '55

LEBANON

- Patal, Raphael. Jordan, Lebanon, and Syria: an annot. bibliography. (Behavior science bibliog.) HRAF press '57 289p
 Patal, Raphael, ed. Republic of Lebanon. (Subcontractor's monograph, HRAF-46) Human relations area files '56 2v incl bibliog

LEBISTES reticulatus. See Guppies

LE BRAS, Gabriel

- Le Bras, Gabriel. Etudes de sociologie religieuse; v 1. Sociologie de la pratique religieuse dans les campagnes françaises. (Bibliothèque de sociologie contemporaine) Presses univ. de France '55 p xi-xix

LECLERCQ, Paul, 1863-1944

- Leclercq, Paul. La pensée juridique du procureur général Paul Leclercq; textes réunis par Jean Faurès et Jan de Meyer; préf. de Léon Cornil. Bruylant '53 2v v2, p455-82

LECOMTE DU NOUY, Pierre, 1883-1947

- Lecomte du Nouty, Mary Bishop Harriman. Pierre Lecomte du Nouty; de l'agnosticisme à la foi. Eds. du Vieux Colombier '55 p241-51

LEE, Robert Edward, 1807-1870

- Miers, Earl Schenck. Robert E. Lee; a great life in brief. (Great lives in brief; a new ser. of biographies) Knopf '56 p200-3

LEE-HAMILTON, Eugene, 1845-1907

- Lyon, H. T. Publishing history of the writings of Eugene Lee-Hamilton. *Bibliog Soc Am Pa* 51 no2:141-59 '57

LEEDS, Edward Thurlow, 1877-1955

- Harden, Donald Benjamin, ed. Dark-age Britain; studies presented to E. T. Leeds. Methuen '56 p xvii-xxii

LEEMANN-VAN ELCK, Paul

- Zürcher bibliophilen-kreis. Verzeichnis der schriften und aufsätze von Paul Leemann-van Elck; zum 70. geburtstag. Orell Füssli '54 15p

LEES, George Martin, 1898-1955

- Arkell, W. J. George Martin Lees, 1898-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p172-3)

LEEUWEN, Freek van, 1905-

- Leeuwen, Freek van. Rood en wit; oude en nieuwe gedichten, gekozen en ingeleid door Wim. J. Simons. De Beuk '55 82p

LEEUWENHOEK, Anthony van, 1632-1723

- Dobell, Clifford. Antony van Leeuwenhoek and his little animals; being some account of the father of protozoology & bacteriology and his multifarious discoveries in these disciplines; coll, tr, and ed. from his ptd. works, unpub. mss, and contemporary records; with an introd. by Cornelis B. van Niel. Russell & Russell '58 p388-422

LEFEBVRE, Georges, 1874-

- Lefebvre, Georges. Etudes sur la Révolution française. Presses universitaires de France '54 p vii-viii

LEFT, and right-handedness

- Kirchhoff, H. and Schimming, G. Linkshändigkeit und die verbale lese-rechtschreibschwäche. *Psychol Rundsch* 9:270-2 O '58

LEG

Ulcers

- Piulachs Oliva, Pedro. Ulcers of the legs. Thomas '56 incl bibliog

LEGAL medicine. See Medical jurisprudence

LEGATIONS. See Diplomatic and consular service

LEGENDS

See also

- Barlaam and Joasaph (legend)
 Chansons de geste
 Folklore
 Mythology
 Quindecim signa ante iudicium

History and criticism

- García de Diego, Vicente, ed. Antología de leyendas de la literatura universal. (Grandes antologías Labor) Editorial Labor '53 p 148-56

LEGENDS, Indian. See Indians of North America—Legends; Indians of South America—Legends

LEGER, Aléxis Saint-Léger (St John, Perse, pseud) 1889-

- Bosquet, A. L'œuvre de Saint-John Perse. *Biblio* 27:10 Ja '59

- Léger, Aléxis Saint-Léger. Seamarks; by St John Perse (pseud) tr. by Wallace Fowlie; bilingual ed (Bollingen ser, 67) Pantheon bks. '58 p357-63

LEGER, Fernand, 1881-1955

- Paris. Musée des arts décoratifs. Fernand Léger, 1881-1955; catalogue rédigé par François Mathey. Hazan '56 p37-68

LEGISLATION

See also

- Judicial review
 Legislative bodies
 Library legislation

Kentucky

- Kentucky. University. Library. Kentucky session laws, legislative journals, collected documents; checklists revised to Nov, 1954. (Occasional contributions, no67) The library '54 24p

United States

See also

- United States—Congress

LEGISLATIVE bodies

- Mohrhoff, Federico. La dissolution des assemblées législatives dans les constitutions modernes; histoire, politique, droit constitutionnel et parlementaire comparé, procédure. Colombo '53 p 355-79

- Pullen, William Russell. Check list of legislative journals issued since 1937 by the states of the United States of America. A.L.A. '55 59p

- Stanford, Edward F. Legislative assistance. (1957 Legislative problems, no2) Bur. of pub. adm. Univ. of Calif. '57 p64-5

- Tompkins, D. C. Legislative organization and procedure; a sel. bibliography. (In California. University. School of law. Streamlining state legislatures; rep. of a conference held at the University, Oct. 27-29, 1955, prepared by Stanley Scott. The school '56 p74-81)

LEGISLATIVE hearings

- Thomen, Harold Ordell. Checklist of hearings before congressional committees through the 67th Congress; pts 1, 2, and 3. General reference & bibliog. div. Lib. of Congress '59 114p

LEGISLATIVE power

Institut zur förderung öffentlicher angelegenheiten. Die übertragung rechtsetzender gewalt im rechtsstaat. (Wissenschaftliche schriftenreihe, v 12) The institute '52 p430-46

Marshall, Geoffrey. Parliamentary sovereignty and the Commonwealth. Oxford '57 p267-72

See also

Judicial review

LEGUMES

Allen, O. N. and Baldwin, I. L. Rhizobia-legume relationships. Soil Sci 78:425-7 D '54

Bergersen, F. J. Structure of ineffective root nodules of legumes. Australian J Biol Sci 10:241-2 Ag '57

Bowen, G. D. Nodulation of legumes indigenous to Queensland. Queensland J Ag Sci 13:54-6 Mr '56

Isely, D. Leguminosae of the north-central United States. Iowa St Coll J Sci 30:115-18; 32:380-3 Ag '55, F '58

Sterling, C. Development of the seed coat of lima bean (*Phaseolus lunatus* L.) Torrey Bot Club Bul 81:286-7 JI '54

Sterling, C. Nucellus and endosperm in the seed of lima bean (*Phaseolus lunatus* L.) Torrey Bot Club Bul 82:48-9 Ja '55

Whyte, Robert Orr, and others. Las leguminosas en la agricultura. (FAO estudios agropecuarios, no21) Food & agriculture organization of the United nations '55 p397-405

See also

Beans
Mesquite
Peas

LEGUMINOSAE. See Legumes**LEHMANN, Heinrich, 1876-**

Nipperdey, Hans Carl, ed. Das deutsche privatrecht in der mitte des 20. jahrhunderts; festschrift für Heinrich Lehmann zum 80. geburtstag. De Gruyter '56 2v 2v, p338-44

LEHMANN, Johann Gottlob, 1719-1767

Freyberg, Bruno von. Johann Gottlob Lehmann (1719-1767) ein arzt, chemiker, metallurg, bergmann, mineraloge und grundlegenden geologe. (Erlanger forschungen, reihe B: Naturwissenschaften, v 1) Universitätsbund Erlangen '55 p 11, 120-32

LEHR-SPLAWIŃSKI, Tadeusz, 1891-

Kuraszkiewicz, W. Tadeusz Lehr-Splawiński. Nauka Polska 5:119-25 O '57

LEIBNIZ, Gottfried Wilhelm, freiherr von, 1646-1716

Barber, William Henry. Leibniz in France, from Arnould to Voltaire; a study in French reactions to Leibnizianism, 1670-1760. Oxford '55 p266-71

Leibniz, Gottfried Wilhelm, freiherr von. Philosophical papers and letters; a sel. tr. and ed. with an introd. by Leroy E. Loemker. Univ. of Chicago press '56 2v v 1, p 102-13

LEICESTER, England**History**

Patterson, Alfred Temple. Radical Leicester; a history of Leicester, 1780-1850. Univ. college '54 p389-93

LEIPZIG**History**

Rothe, Edith, and Rust, Werner. Die Leipziger messe. (Bibliog. zur geschichte der stadt Leipzig. Sonderband 1: Sächsische akad. der wissenschaften, Leipzig. Historische kommission. Schriften. v21) Verlag für buch- & bibliothekswesen '58 213p

LEISHMANIASIS

Brasil. Instituto brasileiro de bibliografia e documentação. Leishmanioses; bibliog. brasileira. (Bibliogs. brasileiras sobre doenças tropicais, no5) The institute '58 57p

LEISURE

Denney, R. and Meyersohn, M. L. Preliminary bibliography on leisure. Am J Social 62:602-15 My '57 annot

See also

Recreation

Periodicals

France. Direction générale de la jeunesse et des sports. Publications périodiques concernant la jeunesse et les sports (mise à jour au 1^{er} octobre 1953) The office '53 64p

LEITH, Charles Kenneth, 1875-1956

Hewett, D. F. Charles Kenneth Leith. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p 197-204

Lund, R. J. Memorial to Charles Kenneth Leith (1875-1956) Geol Soc Am Proc 1956: 155-8 S '57

LEMAITRE, Frédéric, 1800-1876

Baldick, Robert. Life and times of Frédéric Lemaître. Essential bks. '59 p249-52

LENAU, Nikolaus, 1802-1850

Martens, Wolfgang. Bild und motiv im welt-schmerz; studien zur dichtung Lenaus. (Literatur und leben, new ser, v4) Böhlau '57 p 184-7

LENGTH measurement

Schmidt, Hans. Längenmessungen. (Werkstattbücher für betriebsangestellte, konstruktoren und facharbeiter, no 104) Springer '51 p66

LENIN, Vladimir Il'ich, 1870-1924

Hammond, Thomas Taylor. Lenin on trade unions and revolution, 1893-1917. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p 130-50

Kniha, Prague. V. I. Lenin [k 30. výročí umrtí V. I. Lenina připravil kolektiv pracovníků propagace národního podniků Kniha v red. Zdenka Eisler The library '54 24p

Meyer, Alfred George. Leninism. (Harvard univ. Russian research center. Studies, 26) Harvard univ. press '57 p295-8 annot

Page, Stanley W. Lenin and world revolution. N.Y. univ. press '59 p245-8

Slovenske vydavateľstvo politickej literatúry, Bratislava. V. I. Lenin; prehľad diel vydaných v slovenčine [K 85. výročiu narodenia V. I. Lenina] Slovenské vydavateľstvo politickej literatúry a Slovenská kniha; zostavila J. Bahnová. The publisher '55 39p

LENNARD-JONES, Sir John, 1894-1954

Mott, N. F. John Edward Lennard-Jones, 1894-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p 182-4)

LENOX-CONYNGHAM, Sir Gerald Ponsonby, 1866-1956

Bullard, E. C. Gerald Ponsonby Lenox-Conyngham, 1866-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 140)

LENS, Crystalline. See Crystalline lens**LENSES**

See also

Contact lenses

LEO, Heinrich, 1799-1878

Schoeps, Hans Joachim. Das andere Preussen; konservative gestalten und probleme im zeitalter Friedrich Wilhelm IV. 2d ed rev & enl Peters '57 p353-64

LEONARDO da Vinci, 1452-1519

Leonardo da Vinci. Leonardo da Vinci. Reynal '56 p511-18

Lüddecke, Heinz, ed. Leonardo da Vinci im spiegel seiner zeit. 2d ed Rütten & Loening '53 p 107-8

McMahon, A. P. Selective bibliography; sup. by Kate Trauman Steinitz. (In Leonardo da Vinci. Treatise on painting <Codex urbinas latinus 1270> tr. and annot. by A. Philip McMahon; with an introd. by Ludwig H. Heydenreich. Princeton univ. press '56 2v v 1, p359-96)

Pedretti, Carlo. Studi vinciani; documenti, analisi e inediti leonardeschi; in appendice: Saggio di una cronologia dei fogli del Codice atlantico. (Travaux d'humanisme et renaissance, 27) Droz '57 p290-2

Steinitz, Kate Trauman. Leonardo da Vinci's Trattato della pittura (Treatise on painting) a bibliog. of the pld. eds, 1651-1956, based on the complete coll. in the Elmer Belt lib. of Vinciana, preceded by a study of its sources and its; pref. by Elmer Belt. (Lib. research monographs, v5) Munksgaard '58 243p

LEOPARD men

Lindskog, Birger. African leopard men. (Studia ethnographica upsaliensia, 7) W. S. Heinman '54 p207-15

LEOPARDI, Giacomo, conte, 1798-1837

Mazzatinti, Giuseppe, and others. Bibliografia leopardiana. (Biblioteca bibliog. italiana. 11-12, 26) Olshchki '31-'53 3v

Whitfield, John Humphreys. Giacomo Leopardi. Blackwell '54 p264-6

LEPIDOPTERA

- Agenjo, Ramón. Fauna lepidopterológica almeriense. Consejo superior de investigaciones científicas '52 p313-37
- Blest, A. D. Evolution of protective displays in the saturniidae and sphingidae (lepidoptera). Behaviour 11 no4:306-9 '57
- Blest, A. D. Function of eyespot patterns in the lepidoptera. Behaviour 11 no2:254-5 '57
- Common, I. F. B. Study of the ecology of the adult bogong moth, *agrotis infusa* (Boisd.) (lepidoptera: noctuidae) with special reference to its behavior during migration and aestivation. Australian J Zool 2:260-2 S '54
- Hardwick, D. F. Taxonomy, life history, and habits of the elliptoid-eyed species of *schinia* (lepidoptera: noctuidae) with notes on the heliothidinae. Can Entom 90 sup6: 85-6 '58
- See also
Butterflies
Ithomiidae
Spruce budworms

LEPROSY

- Swan, L. L. and Ross, Sister H. Clinical laboratory aspects of leprosy. Pub Health Rep 70:1211-12 D '55

LEPTOSPIROSIS

- Bryans, J. T. Studies on equine leptospirosis. Cornell Vet 45:48-50 Ja '55
- Byrne, R. J. Canine leptospirosis and public health. Pub Health Rep 70:1235-6 D '55
- Hirschberg, N. and others. Laboratory services in the diagnosis of leptospirosis. Am J Pub Health 46:52-3 Ja '56
- Roberts, S. J. Sequelae of leptospirosis in horses on a small farm. Am Vet Med Assn J 133:194 Ag 15 '58
- United States. Army medical service. Graduate school. Symposium on the leptospiroses, 11-12 December 1952. (Medical science pub. no 1) The service '53 incl bibliog

LERCH, Eugen, 1888-

- Schon, P. M. Bibliographie der schriften Eugen Lerchs. (In Bruneau, Charles, and Schon, Peter M. eds. Studia romanica; gedenschrift für Eugen Lerch. Port Verlag '55 p454-593)

LÉRIDA, Spain

- Lladonosa Pujol, José. La ciutat de Lleida. (Enciclopèdia catalunya. Biblioteca per a l'estudi de Catalunya, València i les Balears en tots els aspectes, v26) Editorial Barcino '55 p9-20

LERIDA, Spain (province)

- Tarragó Pleyán, José Alfonso. Índice de la bibliografía llerdense; ensayo recopilador de libros, folletos, hojas, artículos de publicaciones periódicas y trabajos manuscritos que tratan de la bibliografía llerdense; nota proemial del Dr. Felipe Mateu y Llopis. Tip. selecta '49 78p

LERMONTOV, Mikhail (M'evich), 1814-1841

- Siegmann, F. Die Lermontov-forschung seit 1925. Z Slav Philol 24 no 1:215-24 '55

LERSCH, Philipp, 1893-

- Däumling, Adolf, ed. Seelenleben und menschenbild; festschrift zum 60. geburtstag von Philipp Lersch. Barth '58 p248-9

LESCHI, Louis, d 1954

- Leschi, Louis. Etudes d'épigraphie, d'archéologie et d'histoire africaines. Arts et métiers graphiques '57 p9-12

LESLIE, Miriam Florence (Folline) Squier, d 1914

- Stern, Madeleine Bettina. Purple passage: the life of Mrs. Frank Leslie. Univ. of Okla. press '53 incl bibliog

LESNE, Pierre, 1871-1949

- Ferreira, M. C. Contribuição para o conhecimento de naturalistas e exploradores de fauna africana: Pierre Lesné (1871-1949). Soc Estud Mocambique Bol 26:154-77 N '56

LETTUCE

Diseases and pests

- Grogan, Raymond G. and others. Diseases of lettuce. (Circ. 448) Calif. agricultural experiment station '56 p27-8

LEUCEMIA

- Darneshek, William, and Gunz, Frederick. Leukemia. Grune '53 incl bibliog
- Rebuck, John W. and others, eds. Leukemias. etiology, pathophysiology, and treatment. (Henry Ford hospital, Detroit. Int. symposium 5) Academic press '57 incl bibliog

LEUCEMIA in poultry

- Beard, J. W. Virus of avian myeloblastic leukosis. Poultry Sci 35:220-3 Ja '56
- Burmester, B. R. and others. Presence of the virus of visceral lymphomatosis in embryonated eggs of normal appearing hens. Poultry Sci 34:616-17 My '55
- Cottral, G. E. and others. Egg transmission of avian lymphomatosis. Poultry Sci 33: 1183-4 N '54
- United States. Regional poultry research laboratory, East Lansing, Michigan. Lymphomatosis in chickens. (U.S. Dept. of agriculture. Circ. no970) U.S. Gov. ptg. office '55 p 15-17

LEUCOCYTES

See also

Lymphocytes

LEUCOPATHY. See Albinos and albinism

LEUKEMIA. See Leucemia

LEUR, Jacob Cornelis van, 1908-1942

- Leur, Jacob Cornelis van. Indonesian trade and society; essays in Asian social and economic history. [tr. by James S. Holmes and A. van Marle] (Sel. studies on Indonesia by Dutch scholars, v 1) Van Hoeve '55 p xvi-xix

LEVANT

Description and travel

- Weber, Shirley Howard. Voyages and travels in the Near East made during the XIX century; being a part of a larger catalogue of works on geography, cartography, voyages and travels, in the Gennadius lib. in Athens; comp. and provided with a pref. and index by Shirley Howard Weber. (Gennadius lib. Catalogues, 1) Am. school of classical studies at Athens '52 252p

LEVEL of aspiration. See Aspiration level

LEVELLERS

- Frank, Joseph. Levellers; a history of the writings of three seventeenth-century social democrats: John Lilburne, Richard Overton, William Walwyn. Harvard univ. press '55 p266-89

LEWIN, Bertram David, 1896-

- Levin, Bertram David. Dreams and the uses of regression. (Freud anniversary lecture ser, the N.Y. psychoanalytic inst, 1957) Int. univ. press '58 p60-4

LEWIS, Gilbert Newton, 1875-1946

- Hildebrand, J. H. Gilbert Newton Lewis. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p225-35)

LEWIS, William Cudmore McCullagh, 1885-1956

- Bawn, C. E. H. William Cudmore McCullagh Lewis. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p200-3)

LEWIS, Wyndham Atheling, 1886-1957

- Wyndham Lewis, a portrait of the artist as the enemy. Yale univ. press '57 p315-48 annot

LEXICOGRAPHY

- Jumpelt, R. W. Documentation in terminology and lexicography. Babel 2:40-4 Mr '56

LEYH, Georg, 1877-

- Burr, Victor. Georg Leyh; verzeichnis seiner schriften. Harrassowitz '57 47p

LIBERAL party (Great Britain)

- Mabileau, Albert. Le parti libéral dans le système constitutionnel britannique; préf. de J. J. Chevallier. (Fondation nat. des sciences politiques. Cahiers, 47) Colin '53 p330-9

LIBERATORE, Matteo, 1810-1892

- Mirabella, Tommaso. Il pensiero politico di P. Matteo Liberatore ed il suo contributo ai rapporti tra chiesa e stato; con la pubblicazione di un carteggio inedito; pref. di Arturo Carlo Jemolo. Giuffrè '56 p381-409

LIBERIA

- Holas, B. Mission dans l'Est libérien (P.-L. Dekeyser, B. Holas, 1948); résultats démographiques, ethnologiques et anthropométriques. (Mémoires, no 14) Inst. français d'Afrique noire '52 p481-533

Foreign relations

United States

- Bixler, Raymond Walter. Foreign policy of the United States in Liberia. Pageant press '57 p 125-30

LIBERTY

Adler, Mortimer Jerome. Idea of freedom: a dialectical examination of the conceptions of freedom. Doubleday '58 p623-63

Bay, Christian. Structure of freedom. Stanford univ. press '58 p391-408

Morison, Samuel Eliot. Freedom in contemporary society. (Atlantic monthly press bk) Little '56 p 151-6 annot

See also

Democracy

Religious liberty

Slavery

LIBERTY of association. *See* Freedom of association

LIBERTY of conscience

See also

Conscientious objectors

LIBERTY of the press. *See* Freedom of the press

LIBIA. *See* Libya

LIBRARIANS

Training

See Library schools and training

LIBRARIES

Biblioteklitteratur, 1954[-1957] Bibl. Forsk Arbok 4:126-48; 5:114-28; 6:128-43; 7:106-19 '55-'58

Dahl, Svend, ed. Nordisk handbög i bibliotekskundskab; udgivet af Nordisk videnskabeligt bibliotekarforbund. Hassings '57-'58 2v incl bibliog

International federation for documentation. Bibliographie de la documentation et de la bibliothéconomie, 19531-19581 (Pub., 271, 276, 291, 299, 309, 319) The federation '54-'59 6v annot

Landheer, Bartholomeus. Social function of libraries. Scarecrow '57 p251-67

Library literature; an annot. index to current books, pamphlets and periodical literature relating to the library profession. Wilson. *See* numbers

Library school studies, 1954-55. Coll & Res Lib 17:236-8 My '56

McColvin, Lionel Roy. Chance to read; public libraries in the world today. Essential bks. '56 p267-72

Neue bücher und aufsätze zum bibliotheks- und buchwesen. *See* numbers of Zentralblatt für bibliothekswesen

Powell, Lawrence Clark. Libraries and learning; outline and bibliog. for English 195, an upper div. course intended to introduce students to the role of libs. in ptg, pub, bookselling, bookcollecting, and reading. (UCLA lib. occasional papers, no5) Univ. of Calif. lib. '56 19p annot

—Same. 2d ed rev (UCLA lib. occasional papers, no5) Univ. of Calif. '53 20p annot

Rothstein, Samuel. Development of reference services through academic traditions, public library practice and special librarianship. (ACRL monographs, no 11) Assn. of college & reference libs. '55 p 11-24

Wheeler, J. L. Selected references on work simplification: sometimes termed method study, or motion study. News Notes Calif Lib 48:334-6 Ap '53 annot

Williams, Edwin Everitt, ed. Problems and prospects of the research library. Scarecrow '55 p 161-8 annot

See also

Bibliographical centers

Library surveys

Medical libraries

School libraries

Technical libraries

Theatrical libraries

Catalogs

See Catalogs, Library

Equipment and supplies

See Library furniture and equipment

Exhibitions

See Library exhibits

Finance

Bond issue campaigns. News Notes Calif Lib 50:425-8 Jl '55 annot

Furniture

See Library furniture and equipment

History

Johnson, Elmer Douglas. Communication; a concise introd. to the history of the alphabet, writing, printing, bks, and libraries. Scarecrow '55 incl bibliog

Law and legislation

See Library legislation

Mechanical aids

Loftus, Helen. Automation in the library; an annot. bibliography. The author '55 13p

Public relations

Arnold, L. ed. Aspects of library public relations. Lib Trends 7:235-330 O '58

Loizeaux, Marie Duvernoy. Publicity primer; an abc of telling all about the public library. 4th ed Wilson '59 p 114-18 annot

Resources

Jackson, William Vernon. Studies in library resources. The author '58 62p

Services to groups

Program planning institutes in libraries. News Notes Calif Lib 50:568-71 O '55 annot

Staff manuals

Staff manuals; a sel. bibliog. on their preparation and use. News Notes Calif Lib 50:389-92 Ap '55 annot

Standards

Library standards bibliography; material in Calif. state library. News Notes Calif Lib 48:387-415 Jl '53

State aid

See Libraries and state

Statistics

See Library statistics

Technical processes

Budget stretching through more efficient technical processes. News Notes Calif Lib 50:462-4 Jl '55 annot

Austria

See also

Vienna—Nationalbibliothek

California

Mumm, B. Libraries of California and their services: a bibliography. New Notes Calif Lib 53:299-312 Jl '58

See also

California—State library

Canada

Schryver, Louise. Blue print for library service in the Kent-Chatham region. (Occasional paper, no 15) Canadian lib. assn. '58 p 1-3 (at end)

France

Bleton, Jean. Local et mobilier des bibliothèques publiques. (Instructions sommaires pour l'organisation et le fonctionnement des bibliothèques publiques, 4) Direction des bibliothèques de France, Ministère de l'éducation nat. '58 p 183-4

McIntosh, James C. Public libraries in France. (Occasional papers, no41) Lib school, Ill. Univ. '55 p26-8

South Africa

Le Sueur, Arthur Gerard. Bibliographic guide to South African librarianship. School of librarianship, Univ. of Cape Town '53 3v

Texas

Billings, Harold Wayne. Education of librarians in Texas, 1955. (Tex. papers on lib. topics, no 1) Univ. of Tex. '56 p255-62

United States

Geddes, Joseph A. and Frederickson, Carmen D. Libraries as social institutions. (Bul. 393) Agricultural experiment station, Utah state agricultural college '56 p48-9

LIBRARIES—United States—Continued

- Library service in metropolitan areas; a sel. bibliog. of materials available through the California state library. *News Notes Calif Lib* 53:265 J1 '58
- Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p462-4; 1957, p460-2; 1958, p474-6; 1959, p483-4

See also

United States—Library of Congress

History

- Illinois. University. Library school. Founding of social and public libraries in Ohio, Indiana, and Illinois through 1850, by Haynes McMullen. (Occasional papers, no 51) The school '58 p 16-18

LIBRARIES, Children's

- Daniels, Marietta. *Bibliotecas infantiles y escolares: una bibliografía*. (Bibliog. ser. no45) Columbus memorial lib, Pan Am. union '55 20p

See also

Children's literature

LIBRARIES, College. See Libraries, University and college

LIBRARIES, Junior college. See Libraries, University and college

LIBRARIES, Medical. See Medical libraries

LIBRARIES, National

- Esdaile, Arundell James Kennedy. *National libraries of the world; their history, adm., and public services*; 2d ed, completely rev. by F. J. Hill. Lib. assn. '57 incl bibliog

See also

United States—Library of Congress

Vienna—Nationalbibliothek

LIBRARIES, School. See School libraries

LIBRARIES, Special

- Savord, Ruth. *Special librarianship as a career*. rev ed Special libs. assn. '55 p 13-15

See also

Technical libraries

LIBRARIES, Traveling

See also

Bookmobiles

LIBRARIES, University and college

- Heiliger, E. *Undergraduate libraries*. *Indian Libn* 12:57-8 S '57

- Horn, A. H. *Humanist in the university library*. (In North Carolina. University. Lectures in humanities, 1955-1956. (Ser 12) (Extension bul. v36, no3) Univ. of N.C. press '57 p 18-20)

- Wilson, Louis Round, and Tauber, Maurice Falcolm. *University library; the organization, adm., and functions of academic libraries*. 2d ed Columbia univ. press '56 p607-10

Accreditation

- Oboler, EH M. and others. *College and university library accreditation standards—1957*. (ACRL monographs, no20) Assn. of college & research libs. '58 p39-44

History

- Bach, Harry. *Bibliographical essay on the history of scholarly libraries in the United States, 1800 to the present*. (Occasional papers, no54) Lib. school, Univ. of Ill. '59 p 15-24

LIBRARIES and moving pictures

- Cory, Patricia Blair, and Myer, Violet F. *Cooperative film services in public libraries; a rep. of a survey of public lib. film cooperatives made by the ALA office for adult education*. A.L.A. '56 p 126-7

LIBRARIES and state

- Carl, H. A. *Library services act: a selective bibliography*. *Wilson Lib Bul* 23:686-7 My '59

- United States. Office of education. *Library services branch. State plans under the Library services act: a summary of plans and programs for fiscal 1957 submitted under public law 597, 84th Congress. (U.S. Office of education. Bul. 1958, no 10) U.S. Gov. ptr. office '58 p76-84*

LIBRARY administration

- American library association. Board on personnel administration. *Personnel administration for libraries; a bibliog. essay, prepared by Ralph E. McCoy, assisted by the Subcom. on bibliog. on personnel adm. A.L.A. '53 incl bibliog*

- Democratic administration. *News Notes Calif Lib* 50:572-6 O '55 annot

- Kaiser, J. B. ed. *Legal aspects of library administration*. *Lib Trends* 6:385-510 Ap '58 incl bibliog

- Reece, E. J. ed. *Current trends in library administration*. *Lib Trends* 7:333-491 Ja '59 incl bibliog

- Supervision in libraries. *News Notes Calif Lib* 50:477-3 J1 '55 annot

See also

Library science

LIBRARY architecture

- Byers, E. H. *College and university library buildings bibliography, 1954-55*. (In Association of college and reference libraries. Buildings committee. Fifth and sixth library building plans institute; proceedings. (ACRL monographs, no 15) The association '56 p 161-7) annot

- Cowgill, Clinton Harriman, and Pettengill, George E. *Library building* [reprinted from the May and June 1959 issues of the *Journal of the American institute of architects*] *Am. inst. of architects* '59 p23-32

- Galvin, Hoyt Rees, and Van Buren, Martin. *Small public library building*. (Public lib. manuals, 10) UNESCO '59 p 123-7

- Geer, H. T. *Bibliography: library building planning*. (In Galvin, Hoyt R. and Devereaux, Kathryn A. eds. *Planning a library building; the major steps; proceedings of the inst. sponsored by the Am. lib. assn. Buildings com. at St. Paul, Minn, June 19-20, 1954*. A.L.A. '55 p79-80)

- Hilligan, Margaret P. ed. *Libraries for research and industry: planning and equipment; a project of the Science-technology division*. (Monograph no 1) Special lib. assn. '55 p56-8

- Institute on public library architecture. *Living library: planning public lib. buildings for cities of 100,000 or less; papers presented at an Institute; sponsored by the School of lib. science, Univ. of Southern Calif. Apr. 25-26, 1957; Martha Boaz, editor. Univ. of Southern Calif. press '58 p81-4 annot*

- Planning public library buildings. *News Notes Calif Lib* 52:610-12 J1 '57

- Thompson, A. *University library buildings*. UNESCO *Bul Lib* 13:210-16 Ag '59

- Wheeler, Joseph Lewis. *Effective location of public library buildings*. (Occasional papers, no52) Lib. school, Univ. of Ill. '58 p42-5

LIBRARY buildings. See Library architecture

LIBRARY catalogs. See Catalogs, Library

LIBRARY charging systems. See Charging systems (libraries)

LIBRARY cooperation

- Bendix, D. *Regional processing for public libraries*. *Lib Resources & Tech Serv* 2: 169-70 Summer '58

See also

Farmington plan

LIBRARY equipment. See Library furniture and equipment

LIBRARY exhibits

- Rusk, Alice. *Easy ways to displays; a lib. publicity handbook*. The author '59 p72-3

LIBRARY extension

See also

Bookmobiles

LIBRARY finance. See Libraries—Finance

LIBRARY furniture and equipment

- Hilligan, Margaret P. ed. *Libraries for research and industry: planning and equipment; a project of the Science-technology division*. (Monograph no 1) Special lib. assn. '55 p56-8

LIBRARY law. See Library legislation

LIBRARY legislation**United States**

- Henry, F. Patrick. *Public library law and administration in California: a review of sel. problems*. (Legislative problems ser. 1959, no3) Bur. of public adm., Univ. of Calif. '58 p65-6

See also

Libraries and state

LIBRARY of Congress. See United States—Library of Congress

LIBRARY schools and training

- Chatwin, Dorothy B. *Investigation report on library education*. (Education for librarianship, study no 1) Canadian lib. assn. '55 p22

LIBRARY science

- American library & book trade annual, 1956-1957-1960] sponsored by the Library Journal; ed. by Wyllis E. Wright. (V2-5) Bowker '57-59 4v v2, p 154-8; v3, p 177-82; v4, p 141-7; v5, p 145-53
- Bermondsey, England. Public libraries. Bibliography and librarianship; a sel. list. The library '53-54 6 pts
- Bibliographie. See numbers of Biblos
- Bibliografía bibliotológica y bibliográfica. See numbers of Asociación colombiana de bibliotecarios. Boletín
- Biblioteklitteratur 1954[-1957] Bibl Forsk Arbok 4:126-48; 5:114-28; 6:128-43; 7:106-19 '55-58
- Bird, J. Signposts; some sels. from the 1954 [-1958] special lib. literature. Aslib Proc 7:111-22; 8:122-34; 9:101-13; 10:79-91; 11:147-60 My '56, My '56, Ap '57, Ap '58, Je '59 annot
- Breslau. Uniwersytet. Biblioteka. Wykaz druków z zakresu bibliologii; opracowała Helena Szwejkowska. (Informator, 6) The library '50-54 3v
- Brünn. Universita. Knihovna. Knihovnické časopisy: SSSR, Polsko, NDR. Přehled článků. (Na pomoc knihovníkům a čtenářům) The library. See numbers
- Canadian library association. Reference section. Canadian library literature index; a prelim. checklist prepared in co-operation with the lib. assns. in Canada and their bulletins. The association '56 79p
- Centro interamericano de vivienda. Bibliografía bibliotológica colombiana, recogida por Luis Florén. The center '54 10p
- 1953/55[-1956/58] (Manuales de bibliografía y documentación colombianas. 1) Ed. Lito '56-59 2v
- Dahl, Svend, ed. Nordisk handbög i bibliotekskundskab; udgivet af Nordisk videnskabeligt bibliotekarforbund. Hassings '57-58 2v incl bibliog
- Daniels, Marietta. Bibliotecas infantiles y escolares: una bibliografía. (Bibliog. ser. no45) Columbus memorial lib, Pan Am. union '55 20p
- Ealing, England. Public libraries. Librarianship and allied subjects; a catalogue of bks. and periodicals in the reference lib. of interest to students of librarianship. The libraries '57 47p
- Fino, Frédéric J. Elementos de bibliología; versão do espanhol de Sylvio do Valle Amaral. Serviço de documentação do MTIC '55 p315-16
- Graduate theses accepted by library schools in the United States 1954-1955[-1958-1959] Lib Q 25:386-96; 26:367-74; 27:327-34; 29:48-54, 256-64 O '55, O '56, O '57, Ja, O '59
- International federation for documentation. Bibliographie de la documentation et de bibliothéconomie, 1953[-1958] (Pub. 271, 276, 291, 299, 309, 319) The federation '54-59 6v annot
- Le Sueur, Arthur Gerard. Bibliographic guide to South African librarianship. School of librarianship, Univ. of Cape Town '53 3v
- Library association. Five years' work in librarianship, 1951-1955. The association '58 418p
- Library association. Library science abstracts. The association. See numbers
- Library literature; an annot. index to current books, pamphlets and periodical literature relating to the library profession. Wilson. See numbers
- Library school studies, 1954-55. Coll & Res Lib 17:236-8 My '56
- London. North-western polytechnic. Library. Bibliography of librarianship; being a sel. list of bks. available to students in the library, 1956. Dept. of ptg. '57 24p
- Mason, Donald. Primer of non-book materials in libraries; with an app. on sound recordings by Jean C. Cowan. Assn. of assistant librarians '58 incl bibliog
- National book league, London. Library. Books about books; catalogue of the library. 5th ed rev & enl Cambridge '55 126p
- Neue Bücher und aufsätze zum bibliotheks- und buchwesen. See numbers of Zentralblatt für bibliothekswesen
- Nordisk bibliografi och bibliotekslitteratur Ar 1953-54[-1955-56] Nordisk Tidsk Bok & Bib 43 no4:sup 1-69; 45 no4:sup 1-64 '56, '58
- Prague. Universita Karlova. Knihovna. Soupis české a slovenské knihovnické literatury z let 1945-1955. (Čteme a studujeme, 1956, no. 10) The library '56 108p
- Przegląd piśmiennictwa o książce. Inst. bibliog. Biblioteka narodowa. See numbers
- Recent books and periodicals. See numbers of Library (Transactions of the Bibliographical society, London)
- Rjukan, Norway. Offentlige bibliotek. Bokproduksjon, bibliografi og bibliotekvesen i Rjukan off. bibliotek. The library '53 59p
- São Paulo, Brazil (city). Universidade. Biblioteca central. Bibliografia bibliotológica brasileira; homenagem ao I congresso ibero-americano de arquivos, bibliotecas y propiedad intelectual, realizado em Madrid em outubro de 1952. (Sér. biblioteconómica, bibliog. bibliotológica, v 1) The library '52 41p
- Schmidt-Phiseldeck, Kay. Henvisninger. Munksgaard '55 19p
- Select list of works on librarianship. UNESCO Bul Lib 10:295-300 N '56 annot
- Select reading list for special librarians and information officers. (In Aslib year book, 1956-1957. Aslib '56 p 125-34)
- Tidskriftsöversikt. See numbers of Biblioteksblad
- Williams, Edwin Everitt, ed. Problems and prospects of the research library. Scarecrow '55 p 161-8 annot
- See also
- Bibliography
- Classification—Books
- Periodicals
- American library & book trade annual, 1960; sponsored by the Council of Nat. lib. assns. and the Library Journal; ed. by Wyllis E. Wright. (V5) Bowker '59 p 153-63
- Association of assistant librarians. South Wales and Monmouthshire division. Union list of library periodicals. The division '56 10p
- Brugghen, W. van der. Library and documentation periodicals. prel ed (FID-pub. 295) Int. federation for documentation '56 35p
- Buenos Aires. Universidad. Instituto bibliotológico. Nómina de publicaciones periódicas de bibliotecología y documentación existentes en la biblioteca del Instituto. The institute '58 20p
- Daniels, Marietta. Bibliotecas infantiles y escolares: una bibliografía. (Bibliog. ser. no45) Columbus memorial lib, Pan Am. union '55 20p
- Library association. North Midland branch. Union list of periodicals on librarianship in the North Midlands area. The association '58 15p
- Möhlenbrock, Sigurd. Utländska bibliotekstidskrifter. Bibliotekstjänst '52 16p
- Same, 2d rev & enl ed Bibliotekstjänst '56 48p
- Professional library literature; periodicals currently received in the State library. News Notes Calif Lib 48:344-8 Ap '53
- Temple, Phillips Lumsden, and Harvey, John. Directory of library periodicals published in the continental United States. Kan. state college lib. '57 44p
- Union list of library periodicals. (Contents in advance, v 1, no 1/2) Prometheus House '55 22p
- Research in progress
- Roster of current research, development, and testing in documentation and librarianship, 1957-1958. Am Doc 9:184-91 J1 '58 annot
- Study and teaching
- See Library schools and training
- LIBRARY science as a profession
- Angel, Juvenal Londoño. Careers for the professional librarian. (Monograph, no45) World trade '57 p30-31
- Same, 2d ed rev & enl (Monograph, no45) World trade '59 p29-30
- Reagan, Agnes Lytton. Study of factors influencing students to become librarians. (ACRL monographs, no21) Assn. of college & research libs. '58 p 100-3
- Recruiting of librarians; a bibliog. of literature pub. since 1945. (In Conference of Eastern college librarians. Recruiting library personnel. Automation in the library; rep. of the 41st Conference held at Columbia univ, Nov. 26, 1955. (ACRL monographs, no 17) Assn. of college & reference libs. '56 p45-50)

LIBRARY statistics

United Nations educational, scientific and cultural organization. Statistics on libraries. (Statistical reps. and studies) UNESCO '59 p 127-8

LIBRARY surveys

Vainstein, R. Library and community surveys. News Notes Calif Lib 50:563-7 O '55 annot

LIBRARY training. See Library schools and training

LIBYA

Villard, Henry Serrano. Libya; the new Arab kingdom of North Africa. Cornell univ. press '56 p 163-5

Antiquities

McBurney, Charles Brian Montagu, and Hey, Richard William. Prehistory and pleistocene geology in Cyrenaican Libya; a record of two seasons' geological and archaeological fieldwork in the Gebel Akhdar hills, with a summary of prehistoric finds from neighbouring territories. (Cambridge. Univ. Museum of archaeology and ethnology. Occasional pubs, no4) Cambridge '55 p304-8

Climate

Fantoli, Amlicare. Le piogge della Libia con particolare riguardo alle zone di avvaloramento. Ispettorato meteorologico, Ministero dell'Africa italiana '52 p511-21

LICHENS

Hasselrot, Torsten Edvard. Nordliga lavar i Syd- och Mellansverige. (Svenska växtgeografiska sällskapet, Uppsala. Acta phytogeographica suecica, 33) Almqvist '53 p 178-200

Hillmann, Johannes, and Grumann, Vitus. Flechten (Kryptogamenflora der Mark Brandenburg und angrenzender gebiete, v8) Borntraeger '57 p828-33

Imshaug, H. A. Lichen genus pyxine in North and Middle America. Am Micros Soc Trans 76:268-9 J1 '57

Llano, G. A. Utilization of lichens in the Arctic and Subarctic. Econ Bot 10:390-2 O '56

London. Science museum. Science library. Composition of lichens. (Bibliog. ser, no758) The library '58 11p

Polunin, N. and others. Cryptogamic flora of the Arctic. Bot R 20:361-476 Je '54 incl bibliog

LICHTENBERG, Georg Christoph, 1742-1799

Brinitzer, Carl. G. C. Lichtenberg; die geschichte eines gescheiten mannes. Wunderlich '56 p324-5

LIE detectors and detection

Lee, Clarence Dunlap. Instrumental detection of deception; the lie test. (Police science ser) Thomas '53 p239-43

LIEBKNECHT, Karl Paul August Friedrich, 1871-1919

Gittig, Heinz. Karl Liebknecht, Rosa Luxemburg; ein auswahlverzeichnis der schriften von und über Karl Liebknecht und Rosa Luxemburg. (Schriftenreihe des Arbeitskreises der gesellschaftswissenschaftlichen beratungsstellen an den dem Staatssekretariat für hochschulwesen unterstellten wissenschaftlichen bibliotheken, no3) Deutsche staatsbibliothek '57 62p

Meyer, Karl W. Karl Liebknecht; man without a country; introd. by C. V. Easum. Public affairs press '57 p 174-8

LIEBKNECHT, Wilhelm Philip Christian Martin Ludwig, 1826-1900

Leidigkeit, Karl Heinz. Wilhelm Liebknecht und August Bebel in der deutschen arbeiterbewegung, 1862-1869. (Leipzig. Univ. Inst. für deutsche geschichte. Schriftenreihe, v3) Rütten & Loening '57 p205-13

LIEGE**History**

Hoyoux, Jean. Bulletin bibliographique d'histoire liégeoise; travaux pub. de 1953 à 1956. (Bibliog. belgica, 36) Comm. belge de bibliog. '58 188p annot

LIESEGANG, Raphael Eduard, 1869-1947

Stern, Kurt H. Bibliography of Liesegang rings. Univ. of Ark. editorial service '55 70p

LIEWEHR, Ferdinand, 1896?-

Fischer, R. Ferdinand Liewehr zum 60. geburstag. Z Slavistik 1 no 1:308 '56

LIFE**See also**

Conduct of life

LIFE (biology)

Butler, John Alfred Valentine. Inside the living cell; some secrets of life. Basic bks. '59 p 167-70

Darlington, Cyril Dean. Facts of life. Macmillan '55 p446-53

Nilsson, Heribert. Synthetische artbildung; grundlinien einer exakten biologie. Gleerup '53 2v v2, p 1249-92

See also

Reproduction

Origin

Calvin, M. Round trip from space. Evolution 13:377 S '59

Oparin, Aleksandr Ivanovich. Origin of life on the earth; tr. from the Russian by Ann Synge 3d rev & enl ed Academic press '57 incl bibliog

—Same; with title: Die entstehung des lebens auf der erde; übers. nach der 3. stark veränderten aufl. [übers. und wissenschaftliche redaktion; Dieter Bernhardt] Deutscher verlag der wissenschaften '57 incl bibliog

Rush, Joseph Harold. Dawn of life. Doubleday '57 p249-51

Sagan, C. Radiation and the origin of the gene. Evolution 11:54-5 Mr '57

LIFE, Spiritual. See Spiritual life

LIFE adjustment education program

United States. Office of education. Selected list of references on life adjustment education; rev. Oct. 1952. The office '52 7,2p

LIFE insurance. See Insurance, Life

LIFE saving

Silvia, Charles E. Lifesaving and water safety instruction; editorial com: Thomas K. Cureton [and others] 3d ed (Y.M.C.A. aquatic literature, professional ser) Assn. press '58 p 173-80

LIGHT**See also**

Color

Diffraction

Fluorescence

Infrared rays

Luminescence, Biological

Optics

Photography

Photometry

Phototropism

Reflection (optics)

Chemical action

See Photochemistry

Measurement

See Photometry

Physiological effect

Biology colloquium, Oregon state college. Photobiology; 19th annual biology colloquium, Apr. 11-12, 1958; ed. by Robert W. Newburgh. Ore. state chapter of the Phi kappa phi, Ore. state college '58 incl bibliog

Rasquin, Priscilla. Studies in the control of pigment cells and light reactions in recent teleost fishes. (Bul. v 115, article 1) Am. museum of natural history '58 p66-8

Shank, M. C. Natural termination of the refractory period in the slate-colored junco and in the white-throated sparrow. Auk 76: 53-4 Ja '59

See also

Algae, Effect of light on

Bacteria, Effect of light on

Fishes, Effect of light on

Fungi, Effect of light on

Plants, Effect of light on

Scattering

Fishman, Myer. Light scattering by colloidal systems; an annot. bibliography. Technical service laboratories '57 84p

Hulst, Hendrik Christoffel van de. Light scattering by small particles. (Structure of matter ser) Wiley '57 incl bibliog

LIGHT, Zodiacal. See Zodiacal light

LIGHT metals

Winter, Hermann. Bibliographie der veröffentlichten über den leichtbau und seine randgebiete im deutschen und ausländischen schrifttum aus den jahren 1940 bis 1954. Springer '55 1003p

LIGHTING

Abstracts. See numbers of Society of glass technology. Journal

Brown, J. L. Review of the cone-to-rod ratio as a specification for lighting systems. *Illum Eng* 51:584 Ag '56

Lighting and airconditioning. *Illum Eng* 51: 651-2 S '56

National education association of the United States. Research division. Teaching about light and sight; a handbk. for classroom teachers in elementary and secondary schools. 3d ed The association '55 p88-92

Prokop, Miloslav. Světelná technika; sborník. Státní nakl. technické literatury '55 p270-77

Taylor, G. J. and Bradley, R. D. Production lighting. *Illum Eng* 51:301 Ap '56

Walsh, J. W. T. Lighting. *Inst Elec Eng Proc* 103 ptA:394-5 Ag '56

Why we are where we are; lighting research. *Illum Eng* 51:143-4 Ja '56

See also

Airports—Lighting

Mine lighting

Roads—Lighting

Theater—Stage lighting

History

Thwing, Leroy Livingstone. Flickering flames; a history of domestic lighting through the ages; pub. for the Rushlight club. Tuttle '58 p 123-6

LIGHTNING

Rihánek, Ladislav V. Bouřky a ochrana před bleskem. (Československá akad. věd. Sekce technická. Studie a prameny, no 13) Nakl. Československé akad. věd. '57 incl bibliog

Rusck, Sune. Induced lightning over-voltages on power transmission lines with special reference to the over-voltage protection of low-voltage networks. (Stockholm. Tekniska högskolan. Handlingar, no 120) Lind-ståhl '58 p 115-16

LIGHTNING arresters

Baatz, Herbert. Überspannungen in energieverorgungsnetzen. Springer '56 p259-85

LIGNIN

Harris, E. E. Progress in the chemistry of lignin—1943-1954. *Tappi* 38:189A-194A O '55

Kamstra, L. D. and others. Effect of stage of maturity and lignification on the digestion of cellulose in forage plants by rumen microorganisms in vitro. *J Animal Sci* 17: 207-8 F '58

Lawson, L. R. and Still, C. N. Biological decomposition of lignin—literature survey. *Tappi* 40:58A—S '57

Lindberg, J. Johan. On the hydrogen bond formation of some model compounds related to lignin. (Finska vetenskaps-societen, Helsingfors. Commentationes physico-mathematicae, v20, no 1) Munksgaard '57 p62-7

Siegel, S. M. Chemistry and physiology of lignin formation. *Q R Biol* 31:17-18 Mr '56

LIGNITE

Brennstofftechnische gesellschaft in der Deutschen Demokratischen Republik. 100 jahre braunkohlenbrikettierung; ed: Helmut Franz, Knapp '58 incl bibliog

Rambler, Erich and Alberti, Hans Joachim von. Braunkohlenschwelung, braunkohlenverkokung; eine empfehlende bibliographie. (Leipzig. Deutsche bücherel. Sonderbibliog 6) Verlag für buch- & bibliothekswesen '57 138p

Traverse, Alfred. Pollen analysis of the Brandon lignite of Vermont. (Rep. of investigations 5151) U.S. Bur. of mines '55 p 101-7

LILIACEAE

Hylander, Nils. Genus hosta in Swedish gardens, with contributions to the taxonomy, nomenclature and botanical history of the genus. (Svenska vetenskapsakademien, Stockholm. Trädgård Bergielund. Acta horti bergiani, v 16, no 11) Almqvist '54 p416-20

LILJEGREN, Sten Bodvar, 1885-

Arnold, Roland. Bibliographie der veröfentlichungen von S. B. Liljegen anlässlich seines 70. geburtstages am 8. Mai 1955; mit einer einföhrung von F. Schubel und drei aufsätzen von S. B. Liljegen. (Uppsala. Univ. Engelska seminariet. Essays and studies on English language and literature, 16) Lundequistska bokhandeln; Harvard univ. press '56 63p

LILL, Georg, 1883-1951

Leistner, Otto. Bibliographie Georg Lill. The author '54? 65-121p

LILLIE, Frank Rattray, 1870-1947

Willier, B. H. Frank Rattray Lillie, 1870-1947. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p229-36)

LILLIE, Gordon William (Pawnee Bill, pseud) 1860-1942

Shirley, Glenn. Pawnee Bill; a biography of Major Gordon W. Lillie. Univ. of N.Mex. press '58 p234-47

LIMBS (anatomy) See Extremities (anatomy)

LIMBS, Artificial. See Artificial limbs

LIMBURG, Netherlands (province)

Huygen, C. A. Zuid Limburg, ons oudste cultuurland. (Heemschutserie, v73) A. de Lange '51 p 155-8

LIME

Mehring, Arnon Lewis, and others. Statistics on fertilizers and liming materials in the United States. (U.S. Dept. of agriculture. Statistical bul. no 191) Soil & water conservation research branch, Agricultural research service '57 p 167-76

Pearson, R. W. Liming and fertilizer efficiency. *Agron J* 50:362 Jl '58

LIMEN. See Threshold (psychology)

LIMESTONE

Chichilo, P. and Whittaker, C. W. Trace elements in agricultural limestones of Atlantic Coast regions. *Agron J* 50:135 Mr '58

Dott, R. H. Calcic patterns in mechanically deposited Pennsylvanian limestones of northeastern Nevada. *J Sed Petrol* 28:14 Mr '58

Gazdik, G. C. and Tagg, Kathleen M. Annotated bibliography of high-calcium limestone deposits in the United States including Alaska, to April 1956; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-I) U.S. Gov. ptg. office '57 675-713p

Kay, M. Ordovician limestones in the western anticlines of the Appalachians in West Virginia and Virginia northeast of the New river. *Geol Soc Am Bul* 67:104-5 Ja '56

Ohlsson, S. and Torstensson, G. Undersökningar över förmalningsgradens betydelse för några svenska kalstensmjöl vid användning som jordbrukskalk. *Lantbruks-akad Tids* 94 no5:446-8 '55

Pinsak, Arthur P. Subsurface stratigraphy of the Salem limestone and associated formations in Indiana. (Bul.no 11) Ind. Geological survey '57 p61-2

Society of economic paleontologists and mineralogists. Regional aspects of carbonate deposition; a symposium, ed. by Rufus J. LeBlanc and Julia G. Breeding. (Special pub. no5) The society '57 incl bibliog

South Australia. Geological survey. Department of mines. Limestone, dolomite. (Abstract bul. no4) The department '56 2p annot

Stewart, G. A. Age relations of the middle Devonian limestones in Ohio. *Ohio J Sci* 55:180-1 My '55

See also

Dolomite

LIMNOLOGY

Curl, H. Origin and distribution of phosphorus in western Lake Erie. *Limnol & Oceanog* 4:75-6 Ja '59

Deevey, Edward S. Limnologic studies in Middle America; with a chapter on Aztec limnology. (Conn. acad. of arts and sciences. Transactions, v39) Yale univ. press '57 p318-28

Eggleton, F. E. Limnology of a meromictic, interglacial, plunge-basin lake. *Am Micros Soc Trans* 75:376-8 Jl '56

Hauge, Halver Vegard. Vangsvatn and some other lakes near Voss; a limnological survey in western Norway. (Folia limnologica scandinavica, no9) Norges almenvitenskapelige forskningsråd. Skrifter. Sec: Natural sciences. D. 494. 1) Gjeerupska univ. bokhandel '57 p 149-58

Hutchinson, Georges Evelyn. Treatise on limnology; v 1. Geography, physics, and chemistry. Wiley '57 p913-78

Lund, J. W. G. and Talling, J. F. Botanical limnological methods with special reference to the algae. *Bot R* 23:548-83 O '57

Margalef, Ramón. Los organismos indicadores en la limnología. (Biología de las aguas continentales, 12) Inst. forestal de investigaciones y experiencias. Dirección general de montes, caza y pesca fluvial. Spain. Ministerio de agricultura '55 incl bibliog

Schmitz, E. H. Seasonal biotic events in two Colorado alpine tundra ponds. *Am Midl Natur* 61:444-6 Ap '59

LIMNOLOGY—Continued

- Sellery, George Clarke, E. A. Birge; a memoir; with an appraisal of Birge the limnologist, an explorer of lakes, by C. H. Mortimer. Univ. of Wis. press '56 p207-11
 Vallentyne, J. R. Principles of modern limnology. Am Scientist 45:244 Je '57
 Verber, James L. Bibliography of physical limnology, 1781-1954. (Rep. of investigations, no25) Ohio. Div. of geological survey '55 67p
 Weatherley, A. and Nicholls, A. G. Effects of artificial enrichment of a lake. Australian J Marine & Freshwater Res 6:465-6 O '55

See also

Fresh water biology
 Fresh water fauna
 Fresh water flora
 Lake water
 Lakes

LINCOLN, Abraham, 1809-1865

- Books about Abraham Lincoln for children. ALA Bul 53:308 Ap '59 annot
 Bruce, Robert V. Lincoln and the tools of war; foreword by Benjamin P. Thomas. Bobbs-Merrill '56 p345-54
 Current, Richard Nelson. Lincoln nobody knows. McGraw '58 p288-304 annot
 Gammans, Harold Winsor. Check list of broadsides and pamphlets associated with Abraham Lincoln, based mainly on the Rockefeller-McClellan, the Harris, and Caleb Fiske Harris collections. Franklin print, co. '58 76p
 Kranz, Henry B. ed. Abraham Lincoln: a new portrait. Putnam '59 p248-52
 Kyle, Otto R. Abraham Lincoln in Decatur. Vantage '57 p 172-6
 Lincoln group of Boston. Check-list of Lincolniana, by the late F. Lauriston Bullard; comp. by Elwin L. Page. A review of Dr. Bullard's bk. Lincoln in marble and bronze, by Elmer Munson Hunt. Personal recollections of Dr. Bullard by two fellow-Lincolnians, William H. Townsend and Harry E. Pratt. The group '53 12p
 Lincoln in the magazines during 1955 [-1958] Lincoln press '56-'59 4v
 Lindstrom, Ralph Godfrey. Lincoln finds God. Longmans '58 p 111-20
 Lorant, Stefan. Lincoln; a picture story of his life. rev & enl ed Harper '57 p299-304 annot
 Los Angeles, Occidental college. Lincolniana; a catalogue of historic autograph letters and docs. from the Justin G. Turner coll. of Americana, exhibited at [the] College. Apr. 15-May 15, 1957. The college '57 12p
 Lykes, R. W. Teaching the Lincoln legend. Social Educ 23:77-8 F '59
 Monaghan, James. Man who elected Lincoln. Bobbs '56 p310-18
 Redway, Maurine Whorton, and Bracken, Dorothy Kendall. Marks of Lincoln on our land. Hastings house '57 p 119-21
 Riddle, Donald Wayne. Congressman Abraham Lincoln. Univ. of Ill. press '57 p253-66
 Squire, Richard J. Lincolniana miscellany; being unrelated dissertations on wartime literature and a man named Herndon, with some biblog. notes added. Lincoln press '54 15p
 Trietsch, James H. Printer and the prince; a study on the influence of Horace Greeley upon Abraham Lincoln as candidate and president. Exposition '55 p323-32
 Zornow, William Frank. Lincoln & the party divided. Univ. of Okla. press '54 p223-47

Assassination

- Bishop, James Alonzo. Day Lincoln was shot. Harper '55 p303-4

Juvenile literature

- Hill, W. Observing the Lincoln sesquicentennial in elementary schools. El Engl 36:95-6 F '59

LINCOLN family

- Randall, Ruth (Painter). Lincoln's sons. Little '55 p342-51
 Rhodes, James A. and Jauchius, Dean. Trial of Mary Todd Lincoln. Bobbs '59 p 191-5

LINDEMAN, Eduard Christian, 1885-1953

- Konopka, Gisela. Eduard C. Lindeman and social work philosophy. Univ. of Minn. press '58 p205-8

LINDEMANN, Frederick Alexander, 1st viscount Cherwell. See Cherwell, F. A. L. 1st viscount

LINEAR algebras. See Algebras, Linear

LINEAR equations

- Babbar, M. M. Distributions of solutions of a set of linear equations (with an application to linear programming) Am Stat Assn J 50:869 S '55
 Ostrowski, A. Determinanten mit überwiegender hauptdiagonale und die absolute konvergenz von linearen iterationsprozessen. Commentarii Math Helvetici 3:209-10 '55

LINEAR programming

- Dorfman, Robert, and others. Linear programming and economic analysis. (Rand corporation research study) McGraw '58 p507-12 annot
 Gass, Saul I. Linear programming: methods and applications. McGraw '58 p205-19
 Heady, Karl Orel, and Chandler, Wilfred. Linear programming methods. Iowa state college press '58 incl bibliog
 Henderson, James Mitchell. Efficiency of the coal industry; an application of linear programming. (Harvard economic studies, v 103) Harvard univ. press '58 p 139-44
 Kuhn, Harold William, and Tucker, Albert William, eds. Linear inequalities and related systems [by] G. B. Dantzig [and others] (Annals of mathematics studies, no38) Princeton univ. press '56 p305-22
 Reinfeld, Nyles V. and Vogel, William R. Mathematical programming. Prentice-Hall '58 p259-63
 Rohde, F. V. Bibliography of linear programming. Operations Res 5:45-62 F '57 annot
 Snodgrass, Milton M. and French, Charles E. Linear programming approach to the study of interregional competition in dairying. (S. B. 657) Agricultural experiment station, Purdue univ. '58 p28
 Tripodi, A. R. Ricerca operativa. Aerotecnica 38:344 D '58
 Vajda, S. Readings in linear programming. Wiley '58 p44-9
 Wagner, H. M. Practical guide to the dual theorem. Operations Res 6:382-4 My '58
 Wagner, H. M. Supplementary bibliography on linear programming. Operations Res 5: 556-63 Ag '57

See also

Interindustry economics

LINEATION (geology) See Geology, Structural

LINGUISTICS. See Language and languages

LINKAGE (heredity). See Chromosomes

LINNE, Carl von, 1707-1778

- Sandbergs bokhandel, Stockholm. Catalogue of the works of Linnaeus issued in commemoration of the 250th anniversary of the birthday of Carolus Linnaeus, 1707-1778. The firm '57 179p
 Zennström, Per Olov. Linné: Sveriges upp-
 täckare, naturens namngivare. (Ur vårt svenska kulturarv) Arbetarkultur '57 p 145-9

LINTON, Ralph, 1893-1953

- Kluckhohn, C. Ralph Linton. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p248-53)

LINTZEL, Martin, 1901-

- Schneider, A. Bibliographie Martin Lintzel. Halle Univ Wiss. Z Gesellsch & Sprachw Reihe 5:519-25 F '56

LIPASE

- Herrington, B. L. Lipase: a review. J Dairy Sci 37:786-9 Jl '54

LIPCHITZ, Jacques, 1891-

- Hope, Henry Radford. Sculpture of Jacques Lipchitz [exhibition at the Museum of modern art] Simon & Schuster '54 p93-5

LIPIDES

- Leveille, G. A. and Fisher, H. Observation on lipid utilization in hens fed vegetable and animal fat supplemented diets. Poultry Sci 37:663-4 My '58
 Musacchia, X. J. and Clark, M. R. Effects of elevated temperatures on tissue chemistry of the arctic sculpin myoxocephalus quadricornis. Physiol Zool 30:17 Ja '57
 Page, Irvine Heinly, ed. Chemistry of lipides as related to atherosclerosis; a symposium. Thomas '58 incl bibliog
 Passananti, G. T. and others. Effects of supplementary methionine and choline on tissue lipides and on the vascular structure of cholesterol-fed growing rats. J Nutrition 66:72-3 S '58

See also

Blood—Lipides
 Lipoproteins
 Steroids

LIPOIDS. See Lipides

LIPOLYSIS

Garrison, Earl Raymond. Some factors affecting fat acidity and water-insoluble acids in cream. (Bul. 585) Agricultural experiment station, Univ. of Ark. '57 p39-40

LIPOPROTEINS

Homburger, Freddy, and Bernfeld, Peter, eds. Lipoproteins: methods and clinical significance. (Symposia on research advances applied to medical practice, no3) Karger '58 incl bibliog

LIPPE, Germany

Lippische bibliographie; hrsg. vom Landesverband Lippe, mit hinweisen auf die buchbestände der Lippischen landesbibliothek; bearb. von Wilhelm Hansen, Meyersche hofbuchhandlung '57 1640 col

LIPPSTADT, Germany

Kittel, E. Samtherrschaft Lippstadt 1445-1851. Westfälische Forsch 9:115-16 '56

LIPS**Abnormities and deformities**

See also

Harelip

LIPSIUS, Justus, 1547-1606

Saunders, Jason Lewis. Justus Lipsius; the philosophy of renaissance stoicism. Liberal arts press '55 p221-4

LIQUID fuels

Anderson, Hazel C. and others. Bibliography of the Fischer-Tropsch synthesis and related processes. (U.S. Bur. of mines, Bul. 544) U.S. Gov. ptg. office '54 532p

LIQUID metals. See Metals, Molten**LIQUIDS**

Gunkel, W. W. Principles of liquid materials handling. Ag Eng 39:539 S '58

Symposium on thermal properties, Purdue university, 1959. Thermodynamic and transport properties of gases, liquids and solids; papers. Am. soc. of mechanical engineers; McGraw '59 incl bibliog

See also

Hydrodynamics

LIQUOR laws

See also

Prohibition

LIQUOR problem

Lolli, Giorgio, and others. Alcohol in Italian culture; food and wine in relation to sobriety among Italians and Italian Americans. (Yale univ. Center of alcohol studies. Monographs, no3) Free press '58 p 133-5

Manitoba. Liquor enquiry commission. Report. The commission '55 p739-51

See also

Alcoholism

LIQUOR traffic

See also

Brewing industry
Distilling industries

LIQUORS

Fourman, V. G. Fascinating story of cordials. Am Perfumer & Aromatics 72:36 S '58

See also

Brewing

LISBON**Earthquake, 1755**

Kendrick, Sir Thomas Downing. Lisbon earthquake. Lippincott '57 p247-50 annot

LISTENING. See Attention**LISTER, Raymond George, 1919-**

Lissim, Simon. Art of Raymond Lister; with a foreword by L. G. G. Ramsey. Gray '58 p34-5

LISZT, Franz, 1811-1886

Beckett, Walter. Liszt. (Master musicians ser) Farrar, Straus '56 p 175-6

Sitvell, Sacheverell. Liszt. rev ed Philosophical lib. '56 p362-6

LITERARY calendars

Zuber, M. Die deutschen mensuralmanache und schöngeistigen taschenbücher des biedermeier 1815-1848. Archiv Gesch Buchw 1 no7/ 8:482-9 '57

LITERARY censorship. See Censorship**LITERARY criticism. See Literature—History and criticism****LITERARY exchanges. See Exchanges, Literary and scientific****LITERARY style. See Style, Literary****LITERATURE**

Bibliographie 1950. Jahrb Ästhetik & Allgem Kunstwiss 2:191-220 '54

Buddingh', C. Encyclopedie voor de wereld-literatuur. Bruna '54 800p

Orton, Robert Merritt. Catalog of reprints in series. 16th-18th ed Scarecrow '55-'57 3v

See also

Apocalyptic literature

Authorship

Baroque literature

Books and reading

Children's literature

Christian literature, Early

Copyright

Drama

Erotic literature

Fairy tales

Fiction

Folk literature

Humor

Journalism

Legends

Mary, Virgln, in literature

Music and drama

Poetry

Religious literature

Romanticism

Style, Literary

Symbolism in literature

World war, 1939-1945—Underground literature

History and criticism

Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekswesen. Beiträge zur literaturkunde. Verlag für buch- & bibliothekswesen. See numbers

Jabłoński, Witold. Geneza chińskiej bibliografii a rodzaje literackie. Nakł. Tow. naukowego warszawskiego '50 36p

Kaufmann, Walter Arnold. From Shakespeare to existentialism; studies in poetry, religion, and philosophy. Beacon press '59 p383-95

Marks, Emerson R. Relativist & absolutist; the early neoclassical debate in England. Rutgers univ. press '55 p 157-63

Partridge, Edward Bellamy. Broken compass; a study of the major comedies of Ben Jonson. Columbia univ. press '58 p241-7

Pritchard, John Paul. Criticism in America; an account of the development of critical techniques from the early period of the Republic to the middle years of the 20th century. Univ. of Okla. press '56 p287-316

Romantic movement; sel. and critical bib for the year 1954[-1958] Philol Q 34:97-176; 35:97-174; 36:97-182; 37:129-244; 38:129-227 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59

Seduro, Vladimir. Dostoyevski in Russian literary criticism, 1846-1956. (Columbia Slavic studies) Columbia univ. press '57 p346-99

Wellek, René. History of modern criticism: 1750-1950. Yale univ. press '55 2v v 1, p259-339; v2, p343-439 annot

Wolseley, Roland Edgar. Critical writing for the journalist. Chilton co. '59 p 197-200

Periodicals

Byrd, Milton Bruce, and Goldsmith, Arnold L. Publication guide for literary and linguistic scholars; foreword by William Riley Parker. (Wayne state univ. Detroit. Studies. Humanities, no4) Wayne state univ. press '58 146p

Philosophy

Abrams, Meyer Howard, ed. Literature and belief. (English inst. Essays, 1957) Columbia univ. press '58 p 167-71

Psychology

Hoffman, Frederick John. Freudianism and the literary mind. 2d ed La. state univ. press '57 p331-41

Social aspects

Marshall, Thomas Frederic, and others, eds. Literature and society, 1950-1955; a sel. bibliography. (Miami. Univ. Pubs. in English and Am. literature, no2) Univ. of Miami press '56 57p annot

Study and teaching

Burton, Dwight L. Literature study in the high schools. Holt '59 incl bibliog annot

LITERATURE—Continued

Themes, motives

Enkvist, Nils Erik. Seasons of the year: chapters on a motif from Beowulf to the Shepherd's calendar. (Finska vetenskaps-societeten, Helsingfors. Commentationes humanarum litterarum XXII, 4) Munksgaard '57 p 181-6 annot

See also

Australia in literature
Business men in literature
Clergy in literature
Heroes in literature
Music in literature
Negroes in literature
Psychology in literature
Sex in literature
Switzerland in literature
United States in literature

Yearbooks

See also

Literary calendars

LITERATURE, Classical. See Classical literature

LITERATURE, Comparative

Annual bibliography for 1955[1958] PMLA 71:101-266; 72:133-402; 73:95-364; 74:67-336 Ap '56, Ap '57, Ap '58, Ap '59

Bibliographie: livres et périodiques. See numbers of Revue de littérature comparée

Bibliographie générale de littérature comparée 1949-1950[1955-1956] Didier '51?-'57 4v

Yearbook of comparative and general literature, 41-81 (N.C. Univ. Studies in comparative literature, no 14, 16, 18, 21, 25) Univ. of N.C. press '55-'59 5v incl bibliog

Research in progress

Research in progress in the modern languages and literatures, 1955[1958] PMLA 71:267-345; 73:47-93 Ap '56, Ap '58

American and German

Anglo-German literary bibliography for 1955 [1958] J Engl & Germ Philol 55:631-5; 56: 443-6; 57:526-9; 58:465-8 O '56, J1 '57, J1 '58, J1 '59

English and French

Rickard, Peter. Britain in medieval French literature, 1100-1500. Cambridge '56 p257-71

English and German

Anglo-German literary bibliography for 1955 [1958] J Engl & Germ Philol 55:631-5; 56: 443-6; 57:526-9; 58:465-8 O '56, J1 '57, J1 '58, J1 '59

English and Spanish

Ungerer, Gustav. Anglo-Spanish relations in Tudor literature. Artes graficas Clavileño '56 p221-31

French and German

Franco-German studies; a current bibliog, 1954. Bul Bibliog 21:153-9 My '55

Höslé, J. Deutsche Literatur der Goethezeit, im Spiegel französischer Zeitschriften von 1900 bis 1914. R Litt Comp 29:369-80 J1 '55

LITERATURE, Medieval

Baroway, I. Toward understanding Tudor-Jacobean Hebrew studies. Jew Social Stud 18:3-24 Ja '56

Bibliography of periodical literature. See numbers of Speculum

History and criticism

Blanchard, Harold Hooper, ed. Prose and poetry of the continental renaissance in translation. 2d ed Longmans '55 p 1077-9

LITERATURE, Modern

Annual bibliography for 1955[1958] PMLA 71:101-266; 72:133-402; 73:95-364; 74:67-336 Ap '56, Ap '57, Ap '58, Ap '59

Placzek, Herbert. Beiträge zur Literaturkunde; bibliog. ausgewählter zeitung- und zeitschriftenbeiträge, 1952. Verlag für buch- und bibliothekwesen '54 np

History and criticism

Bibliografia delle pubblicazioni italiane. See numbers of Rivista di letterature moderne thru 1955

Bibliografia delle pubblicazioni italiane, 1954 [1957] R Lett Mod & Comp 8:150-60, 310-18; 9:235-40, 317-20; 10:90-6, 306-19; 11:315-22 Ap-J1 '55, J1-O '56, Ja, J1 '57, D '58
Courtney, Sister Marie Thérèse. Edward Martyn and the Irish theatre. Vantage press '56 172-88 annot
Hoffman, Frederick John. Freudianism and the literary mind. 2d ed La. state univ. press '57 p331-41

Research in progress

Research in progress in the modern languages and literatures 1955[1958] PMLA 71:267-345; 73:47-93 Ap '56, Ap '58

LITERATURE, Technical. See Technical literature

LITERATURE and art. See Art and literature

LITERATURE and music. See Music and literature

LITERATURE and religion. See Religion and literature

LITHIUM

Lithium corporation of America. Annotated bibliography on the use of organolithium compounds in organic synthesis; a review of literature pub. prior to Jan. 1948. The corporation '49 np
—Supplement no31-61 The corporation '54-'59 4v

Williamson, D. R. Lithium. Colo School Mines Min Ind Bul 1:8 Mr '58

LITHOGRAPHY

Litho digest. See numbers of National lithographer thru 1958

Lithographic abstracts. See numbers of Lithographers journal

Lithographic technical foundation, inc. General index of the publications issued by the foundation. (Foundation pub. 601) The foundation '54 116p

Tory, Bruce E. Offset lithography. Graphic arts monthly '57 incl bibliog

LITHUANIA

History

Jablonski, Horst. Westrussland zwischen Wilna und Moskau; die politische stellung und die politischen tendenzen der russischen bevölkerung des Grossfürstentums Litauen im 15. jh. (Studien zur geschichte Osteuropas, 2) Brill '55 p 156-67

Senn, Alfred Erich. Emergence of modern Lithuania. (Columbia univ. Russian inst. Studies) Columbia univ. press '59 p241-59

Sruogienė, Vanda (Daugirdaitė). Lietuvos istorija; Lietuva amžiu sukūry. Tėvynės mylėtojų draugija '56 p941-7

LITHUANIAN literature

History and criticism

Lietuvos TSR Mokslu akademija, Vilna. Lietuvių kalbos ir literatūros institutas. Tarybinė lietuvių literatūra ir kritika. 1945-1955; bibliografija [paruošė S. Stanevičienė; redagavo A. Šešelgis] The institute '57 232p

LITT, Theodor, 1880-

Derbolav, Josef, and Nicolin, Friedhelm, eds. Geist und erziehung; aus dem gespräch zwischen philosophie und pädagogik; kleine Bonner festgabe für Theodor Litt. Bouvier '55 p189-224

Vogel, Paul. Theodor Litt. Gruyter '55 p53-4

LITTMANN, Enno, 1875-

Littmann, Enno. Ein jahrhundert orientalistik; Lebensbilder aus der feder von Enno Littmann und Verzeichnis seiner schriften; zum achtzigsten geburtsstage am 16. Sept. 1955 zusammengestellt von Rudi Paret und Anton Schall. Harrassowitz '55 p 139-95

LITURGIES

Baumstark, Anton. Liturgie comparée; principes et méthodes pour l'étude historique des liturgies chrétiennes. 3. éd, revue par dom Bernard Botte. (Coll. Irénikon) Editions de Chevetogne '53 p223-59

—Same; with title: Comparative liturgy; rev. by Bernard Botte; English ed. by F. L. Cross. Newman press '58 p201-35 annot

Gy. P. M. Bulletin de liturgie. R Sci Philos & Théol 42:152-69, 736-48 Ja, O '58

Liturgiebericht. See numbers of Archiv für liturgiewissenschaft

See also

Catholic church—Liturgy and ritual

LIVE stock

Abstracts. See numbers of Indian journal of veterinary science and animal husbandry
Agricultural index; subject index to a sel. list of agricultural periodicals, bks, and bulletins. Wilson. See numbers

LIVE stock—Continued

- Anderson, Arthur Laurence. Introductory animal husbandry. 3d ed Macmillan '53 p721-4
- Bogart, Ralph. Improvement of livestock. Macmillan '59 p409-30
- Curtis, Robert S. History of livestock in North Carolina. (Bul. 401) Agricultural experiment station, N.C. state college '56 p 115-16
- Nichols, James Edward. Livestock improvement in relation to heredity and environment. 4th ed Iowa state college press '57 p219-33
- Peters, Walter Harvest, and Grummer, Robert H. Livestock production. 2d ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '54 incl bibliog
- Phillips, Ralph Wesley, ed. Recent developments affecting livestock production in the Americas. (FAO agricultural development paper no55) Food & agriculture organization of the United nations '56 incl bibliog
- Prodanović, D. Bibliografija stočarstva i stočnih proizvoda Jugoslavije od 1710-1956. Bibliographie de zootechnie et des produits des animaux domestiques de Jugoslavie de 1710-1956. Veselin Mosleša '56 408p
- Stoddart, Laurence Alexander, and Smith, Arthur D. Range management. 2d ed (Am. forestry ser) McGraw '55 incl bibliog
- United States. Department of agriculture. Library. Bibliography of agriculture. The library. See numbers
- United States. Superintendent of documents. Animal industry. (Price list 38, 53d ed) U.S. Gov. ptg. office '59 12p
- See also

Cattle
Poultry
Sheep
Swine

Diseases and pests

- Bailey, W. S. Veterinary parasite problems. Pub Health Rep 70:981-2 O '55
- Marshak, R. R. Pathological physiology of bovine ketosis. Am Vet Med Assn J 132:321-2 Ap 15 '58
- Organization for European economic cooperation. European productivity agency. Control of diseases in cattle and sheep at pasture. (Project no204) The agency '58 incl bibliog
- See also
- Forage poisoning
- Parasites—Live stock
- Ticks

Feeding

See Feeding and feeding stuffs

LIVER

- Bahr, G. F. Changes in liver cell elements during stimulated protein synthesis; a cytochemical study. (Sup 147) Acta radiologica '57 p 100-11
- Blomqvist, Kirsti. Growth stimulation in the liver and tumor development following intraperitoneal injections of liver homogenates in the rat [tr. by Aino Wuolle] (Sup 121) Acta pathologica et microbiologica scandinavica '57 p58-65
- Brauer, Ralph W. ed. Liver function: a symposium on approaches to the quantitative description of liver function. (Pub. no4) Am. inst. of biological sciences '58 incl bibliog
- Dulin, W. and Johnston, R. L. Studies concerning the role of the liver in the hypolytic response of animals to tolbutamide. N Y Acad Sci Ann 71 no 1:190-1 '57
- Elias, H. Liver morphology. Cambridge Philos Soc Biol R 30:305-10 Ag '55
- Koskinen, Erkki Veikko Sakari. Cytology of the liver in ileus; a study based on liver biopsies. (Sup200) Acta chirurgica scandinavica '55 p82-6
- Newman, H. A. I. and others. Dietary saponin, a factor which may reduce liver and serum cholesterol levels. Poultry Sci 37: 45-6 Ja '58
- Popper, Hans Philipp, and Schaffner, Fenton. Liver: structure and function. McGraw '57 p671-731
- Rousseau, J. E. and others. Relationship between plasma vitamin A and liver vitamin A in calves fed a vitamin A depletion ration and calves fed minimum levels of vitamin A or carotene. J Dairy Sci 37:1381-2 N '54

Diseases

- Brauer, Ralph W. ed. Liver function: a symposium on approaches to the quantitative description of liver function. (Pub. no4) Am. inst. of biological sciences '58 incl bibliog
- Brown, Ian A. Liver-brain relationships. Thomas '57 p 177-98
- Ekman, Carl Axel. Portal hypertension; diagnosis and surgical treatment; tr. by L. James Brown. (Sup222) Acta chirurgica scandinavica '57 p 133-43
- Frenk, S. and others. Fatty liver in children—kwashiorkor. Am J Clin Nutrition 6:305-7 My '58
- Gabuzda, G. J. Fatty liver in man and the role of lipotropic factors. Am J Clin Nutrition 6:292-3 My '58
- Lange, Joachim. Eisen, Kupfer und eiweiss am beispiel der leberkrankheiten; mit besonderer berücksichtigung der haemochromatose und der hepatocerebralen degeneration; mit einem geleitwort von Paul Martini, Thieme '58 p74-87
- Leevy, Carroll Moton. Practical diagnosis and treatment of liver disease; foreword by Franklin M. Hanger. Hoeber '57 incl bibliog
- Rubini, M. E. and Seligson, D. Acute reduction in plasma amino acids by carbohydrate infusion in diabetes and liver disease. Am J Clin Nutrition 6:374-5 Jl '58
- Schiff, Leon, ed. Diseases of the liver; contributing auths: Theodore L. Althausen [and others] with foreword by Cecil J. Watson. Lippincott '56 incl bibliog
- Shils, M. E. and others. Fatty liver of portal type: effects of choline, methionine, and vitamin B₁₂. J Nutrition 56:105-6 My '55
- Stormont, J. M. and others. Peroxide-erythrocyte hemolysis test. Am J Clin Nutrition 7:211-12 Mr '59
- See also
- Hepatitis

Surgery

- Reifferscheid, Martin. Chirurgie der leber; klinik und technik; mit einem geleitwort von E. freiherr von Redwitz. Thieme '57 p 154-60

Vitamin content

- Rousseau, J. E. and others. Relationships between plasma, liver and dietary tocopherol in calves, lambs and pigs. J Animal Sci 16:621-2 Ag '57

LIVERWORTS

- Hatcher, R. E. Genus trichocolea in North, Central, and South America (hepaticeae) Lloydia 20:184-5 S '57
- Mehra, P. N. New suggestion on the origin of thallus in the marchantiales. Am J Bot 44:513, 581 Je-Jl '57
- Schuster, R. M. Boreal hepaticeae, a manual of the liverworts of Minnesota and adjacent regions. Am Midl Natur 59:324-32 Ap '58
- Schuster, R. M. Notes on nearctic hepaticeae. Can J Bot 36:287-8 Mr '58

LIVING fossils

- Carrington, Richard. Mermaids and mastodons; a bk. of natural & unnatural history. Rinehart '57 p233-46

LIVINGSTONE, David, 1813-1873

- Appleyard, Margaret Elizabeth. Dr. David Livingstone; a bibliography. School of librarianship, Univ. of Cape Town '49 50p
- Morrill, Leslie, and Morrill, Madge. Livingstone, trail blazer for God. Pacific '59 p 153-5
- Seaver, George. David Livingstone: his life and letters. Harper '57 p634-5
- Simmons, Jack. Livingstone and Africa. (Teach yourself history lib.) Macmillan '55 p 174-6 annot

LIVRES à clef

- Walbridge, E. F. Drame à clef; a list of plays with characters based on real people. N Y Pub Lib Bul 60:161-74, 235-47, 289-97 Ap-Je '56 annot
- Same; with revs. and additions. N.Y. Pub lib. '56 47p annot

LIZARDS

- Zweifel, Richard George. Variation in and distribution of lizards of western Mexico related to cnemidophorus sacki. (Bul. v 117, article 2) Am. museum of natural history '59 p 114-16

LJUBLJANA

- Rakovec, Ivan, and Vilfana, Sergija, eds. Zgodovina Ljubljane; avtoriji: Srečko Brodar [et al. v 1. Geologija in arheologija. Državna založba Slovenije '55 incl bibliog

- LLAVERÍAS Y MARTÍNEZ, Joaquín, 1875-1956**
 Hill, R. R. Joaquín Llaверías y Martínez, 1875-1956. *Hispan Am Hist R* 37:348-55 Ag '57
- LLORENS ARTIGAS, José**
 Gasch, Sebastián. José Llorens Artigas. (Monografías, 3) Escuela de Altamira '51 p29
- LLOYD, Edwin Russell, 1882-1955**
 Adams, J. E. Memorial to Edwin Russell Lloyd (1882-1955) *Geol Soc Am Proc* 1955: 140-1 J1 '56
- LLOYD GEORGE of Dwyfor, David Lloyd George, 1st earl, 1863-1945**
 Owen, Frank. Tempestuous journey; Lloyd George, his life and times, McGraw '55 p759-62
- LLUCHMAYOR, Mallorca**
 Llado y Ferragut, Jaime, ed. Catálogo de la sección histórica del Archivo municipal de la ciudad de Lluçmayer (Baleares) prólogo por Jaime Sastre Vidal. Imp. SS. Corrales '55 p82-3
- LOAD (mechanics)**
 Hersey, M. D. and Snapp, R. B. Testing dynamically loaded bearings. *Am Soc Mech Eng Trans* 79:1254-5, 1265 Ag '57
- Marin, J. Design for fatigue loading. Machine Design** 29:94 Ja 24; 99 F 7; 133-4 F 21; 99 Mr 7; 157 Mr 21 '57
- Mavis, F. T. and Greaves, M. J. Destructive impulse loading of reinforced concrete beams. Am Concrete Inst J** 29:248-52 N '57
- Procter, A. N. Elastic materials under axial loading. Franklin Inst J** 265:142-3 F '58
- See also*
 Bridges—Load
- LOANS**
 Beckhart, Benjamin Haggott, ed. Business loans of Americans commercial banks. Ronald '59 p431-7
- Salmon, Jean. Le rôle des organisations internationales en matière de prêts et d'emprunts: problèmes juridiques. Role of international organisations in relation to international loans: juridical problems. (Carnegie endowment for int. peace, European center. Prizes in int. organization) Praeger '58 p347-54**
- See also*
 Interest and usury
 Mortgages
- LOANS, Personal**
 Robbins, W. David. Consumer instalment loans; an analysis of loans by principal types of lending insts. and by types of borrowers; ed. by Theodore N. Beckman. Bur. of business research, Ohio state univ. '55 p 165-8
- LOANS, Student. See Student loans**
- LOBBYING**
 Tompkins, Dorothy Louise (Campbell) Culver. Congressional investigation of lobbying; a sel. bibliography. Bur. of public adm, Univ. of Calif. '56 32p annot
- LOBECK, Armin Kohl, 1889-1958**
 Smith, G. H. Armin Kohl Lobeck, geomorphologist and landscape artist, 1886-1958. *Assn Am Geog Ann* 49:85-7 Mr '59
- LOBSTER**
 Lindberg, Robert G. Growth, population, dynamics, and field behavior in the spiny lobster, *panulirus interruptus* (Randall). (Calif. Univ. Pubs. in zoölogy, v59, no6) Univ. of Calif. press '55 p228-31
- LOCAL government**
 Book reviews, notes and bibliography. See numbers of American political science review
- See also*
 Cities and towns
 County government
 Municipal government
- California**
 Dvorn, Eugene P. and Jamison, Judith Norvell. Tax exemptions and local self government; a case study of Santa Monica, California. Bur. of gov. research, Univ. of Calif. '58 p46-7
- France**
 Chapman, Brian. L'administration locale en France. (Fondation nat. des sciences politiques, no66) A. Colin '55 p248-50
- Great Britain**
 Clarke, John Joseph. Local government of the United Kingdom. 15th ed Pitman '55 p645-69
- Jones, Olwyn Claire. Local government re-organisation. (Special subject lists, no 10) Lib. assn. '56 13p**
- Redlich, Josef, and Hirst, Francis Wrigley. History of local government in England; being a reissue of bk. I of Local government in England; ed. with introd. and epilogue by Bryan Keith-Lucas. St Martins '58 p253-6**
- Richards, Peter Godfrey. Delegation in local government; county to district councils. (New town and county hall ser) Allen '56 p 174-6**
- Michigan**
 Michigan. University. Bureau of government. Study kit on Michigan local government. The bureau '54 incl bibliog
- Turano, Peter J. Michigan state and local government and politics: a bibliography. Bur. of gov, Univ. of Mich. '55 269p annot**
- Poland**
 Rady narodowe; bibliografia w wyborze. Tygodnik Rada narodowa '54 61p
- United States**
 Babcock, Robert Shillingford. State & local government & politics. Random house '57 incl bibliog annot
- Bollens, John Constantinus. Special district governments in the United States; foreword by John M. Gaus. Univ. of Calif. press '57 p264-70 annot**
- Detroit. Public library. Municipal reference library. Functional consolidation of services in city-county government; sel. annot. references. The library '57 14p**
- Riker, William H. Study of local politics, a manual; foreword by Rhoten A. Smith. (Studies in political science, 29) Random house '59 p93-117 annot**
- Snider, Clyde Frank. Local government in rural America. (Appleton-Cent-Crofts political science ser) Appleton '57 incl bibliog**
- Swarthout, John M. and Bartley, Ernest R. Principles and problems of state and local government. Oxford '58 incl bibliog**
- Yivisaker, Paul Norman. Intergovernmental relations at the grass roots; a study of Blue Earth county, Minn., to 1946. (Intergovernmental relations in the U.S.; research monograph no7) Univ. of Minn. press '56 p 178-82**
- Utah**
 Utah foundation. State and local government in Utah; a description of the structure, operations, functions, and finances of all branches of state and local government in Utah—their depts, comms, and agencies. The foundation '54 p 192-5
- Westphalia**
 Naunin, Helmut, ed. Landschaftliche selbstverwaltung; wiederaufbau in Westfalen, 1945-1951. (Verwaltung und wirtschaft, no8) Ardey verlag '52 p299-302
- LOCAL history**
 Library association. County libraries section. Local history. (Readers' guide, new ser, no27) The section '54 23p
- LOCATION (in business and industry)**
 Detroit. Public library. Municipal reference library. Location of industry; as influenced by taxation and special inducements; sel. references. The library '55 6p
- Foley, Donald L. Suburbanization of administrative offices in the San Francisco Bay area. (Research rep. 10) Real estate research program, Bur. of business & economic research, Univ. of Calif. '57 p47-8**
- Greenhut, Melvin Leonard. Plant location in theory and in practise; the economics of space. Univ. of N.C. press '56 p327-34**
- Griffin, John Ignatius. Industrial location in the New York area. (New York, City college, New York area research council. Studies in the New York area, no 1) City college press '56 p 191-207 annot**
- McManmon, G. M. Bibliography on industrial locations. Ga. Local Gov J** 8:11-15 N '58
- 1959 site selection handbook with bibliography of sources for specific information and techniques and geographical directory. Ind Develop & Manuf Rec** 127:9+ O '58 incl bibliog

LOCATION (in business and industry)—*Cont.*
Ponsard, Claude. *Economie et espace; essai d'interaction du facteur spatial dans l'analyse économique*; préf. de Henry Guitton. (Observation économique 8) SEDES '55 p451-61

Russell, J. A. Plant location and industrial area development. Bsns & Tech Sources 28:9-12 Jl '57 annot

Tax foundation. Factors affecting industrial location, a bibliog; sel. references to taxes and other factors affecting the choice of location by industry. The foundation '56 8p

LOCKE, Alain Le Roy, 1886-1954

Martin, R. E. Bibliography of the writings of Alain Leroy Locke. (In Howard university, Washington, D.C. Graduate school. Division of the social sciences. New Negro thirty years afterward; papers contributed to the sixteenth annual spring conference, Apr. 20, 21 and 22, 1955; ed. by Rayford W. Logan [and others] Howard univ. press '55 p89-96)

LOCKE, John, 1632-1704

Aaron, Richard Ithamar. John Locke. 2d ed Oxford '55 p309-17

Bonno, Gabriel Dominique. Les relations intellectuelles de Locke avec la France, d'après des documents inédits. (Calif. Univ. Pubs. in modern philology, v38, no2) Univ. of Calif. press '55 p253-6

Hampton, J. Traductions françaises de Locke au XVIII^e siècle. R Litt Comp 29: 240-51 Ap '55 annot

Locke, John. Two treatises of civil government; introd. by W. S. Carpenter. (Everyman's lib, 751. Philosophy) Dutton '53 p xv-xvi

Long, Philip. Summary catalogue of the Lovelace collection of the papers of John Locke in the Bodleian library. (Oxford bibliog. soc. Pubs. new ser. v8) Oxford '59 64p

Yolton, John W. John Locke and the way of ideas. (Oxford classical and philosophical monographs) Oxford '56 p209-32

LOCKJAW. See Tetanus

LOCKOUTS. See Strikes and lockouts

LOCKS (hydraulic engineering)

Dehnert, Hans. Schleusen und hebewerke. (Handbibliothek für bauingenieure, new ser) Springer '54 p324-36

LOCOMOTION

Bekker, Mieczyslaw Gregory. Theory of land locomotion; the mechanics of vehicle mobility. Univ. of Mich. press '56 p499-515

LOCOMOTION, Animal. See Animal locomotion

LOCOMOTIVES, Diesel

Green, T. E. Mine locomotives. Inst Elec Eng Proc 103:559-60 D '56

LOCUST trees

False acacias

Ike, A. F. and Stone, E. L. Soil nitrogen accumulation under black locust. Soil Sci Soc Am Proc 22:349 Jl '58

Schubert, J. Zur prüfung hartschaligen saates von robinia pseudoacacia L. Arch Forstwesen 4 no2/3:264-5 '55

LOCUSTS. See Grasshoppers

LODEWYCKX, Augustin, 1876-

Samuel, R. Augustin Lodewyckx. Aumla no 5: 67-70 O '56

LODGE, Thomas, 1558?-1625

Ryan, Pat M. Thomas Lodge, gentleman. Shoe string '58 p iii-xxxvii (at end)

LODGING in wheat. See Wheat—Lodging

ŁÓDŹ, Poland, Uniwersytet

Łódź, Poland. Uniwersytet. Uniwersytet Łódzki w pierwszym dziesięcioleciu, 1945-1954; materiały bibliograficzne; opracowała Janina Raciecka [et al] (Łódź, Poland. Uniwersytet. Biblioteka. Wydawnictwa bibliograficzne, 2) Zakład Im. Ossolińskich '55 233p

LOENING, Grover Cleveland, 1838-

United States. Library of Congress. Manuscript division. Grover C. Loening; a register of his papers in the Library. The division '59 9p

LOESS

Rieger, S. and Smith, H. W. Soils of the Palouse loess. Soil Sci 79:318-19 Ap '55

LOGIC

Bocheński, Innocentius M. Formale logik. Alber '56 p531-605

Huppé, Bernard Felix, and Kaminsky, Jack. Logic and language. Knopf '56 incl bibliog

Kanger, Stig. Provability in logic. (Stockholm studies in philosophy, 1) Almqvist '57 p45-7

Leblanc, Hugues. Introduction to deductive logic. Wiley '55 p231-3

Parker, Francis Howard, and Veatch, Henry Babcock. Logic as a human instrument. Harper '59 p407-11 annot

Prior, Arthur N. Formal logic. Oxford '55 p314-23

Searles, Herbert Leon. Logic and scientific methods; an intro. course. 2d ed Ronald '56 p364-71

Wright, Georg Henrik von. Logical problem of induction. 2d rev ed Macmillan '57 p227-49

See also

Knowledge, Theory of Reasoning

LOGIC, Symbolic and mathematical

Ackermann, Wilhelm. Solvable cases of the decision problem. (Studies in logic and the foundations of mathematics) North-Holland '54 p 108-12

Berkeley, Edmund Callis. Symbolic logic and intelligent machines. Reinhold '59 p 191-3 annot

Carnap, Rudolf. Introduction to symbolic logic and its applications; tr. by William H. Meyer. Dover '53 p231-4 annot

Copi, I. M. Burali-Forti paradox. Philos Sci 25:285-6 O '53

Reviews and abstracts. See numbers of Journal of symbolic logic

Törnebohm, Håkan. Logical analysis of the theory of relativity. Almqvist '52 p260-6

See also

Metamathematics

Semantics (philosophy)

LOGICAL positivism

Edwards, Paul. Logic of moral discourse; with an introd. by Sidney Hook. Free press '55 p243-6

LOGISTICS

United States. Department of the army. Army library. Mobility in modern warfare; a sel. list of titles. (Special bibliog. no 13) The library '57 175p

LOHMEYER, Karl, 1878-

Schwingel, Karl, ed. Festschrift für Karl Lohmeyer. West-ost-verlag '54 p277-92

LONDON

Harbor

Bird, James. Geography of the port of London. (Hutchinson univ. lib: Geography) Rinehart '57 p 193-200

History

Hibbert, Christopher. King mob; the story of Lord George Gordon and the London riots of 1780. World pub. '58 p235-43

St Paul's cathedral

Matthews, Walter Robert, and Atkins, William Maynard. History of St Paul's cathedral and the men associated with it; with a foreword by Sir Ernest Barker. Pitman '57 p361-9

Social conditions

Hibbert, Christopher. Road to Tyburn; the story of Jack Sheppard and the 18th cent. London underworld. World pub. '57 p233-7

Young, Michael, and Willmott, Peter. Family and kinship in east London. (Inst. of community studies. Repts, 1) Free press '57 p23-6

Social life and customs

Pringle, Patrick. Hue and cry; the story of Henry and John Fielding and their Bow Street runners. Morrow '55 p211-14

LONG ISLAND

History

Rattray, Jeanette (Edwards). Ship ashore! a record of maritime disasters off Montauk and eastern Long Island, 1640-1955. Coward-McCann '55 p235-8

LONGCOPE, Warfield Theobald, 1877-1953

Tillett, W. S. Warfield Theobald Longcope. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p216-25)

LONGEVITY

See also

Old age

LONGEVITY pay plans. See United States—Officials and employees—Salaries, allowances, etc.

LONGSHOREMEN

Larrowe, Charles P. Shape-up and hiring hall; a comparison of hiring methods and labor relations on the New York and Seattle waterfronts. Univ. of Calif. press '55 p237-44

LOOCHOO islands. See Ryukyu islands

LOOSESTRIFE

Ray, James Davis. Genus *lysismachia* in the New world. (Ill. Univ. Ill. biological monographs, v24, no3-4) Univ. of Ill. press '56 p 142-4

LOPE DE VEGA. See Vega Carpio, L. F. de

LOPEZ DE ZARATE, Francisco, d 1658

Lopez Toledo, José María. El poeta Francisco López de Zárate. (Biblioteca de libros riojanos. Estudios, 1) Inst. de estudios riojanos '54 p233-76

LÓPEZ RUBIO, José

López Rubio, José. La otra orilla; comedia en tres actos; ed. by Anthony M. Pasquariello and John V. Falconieri. Appleton '58 p 15-17

LÓPEZ VELARDE, Ramón, 1888-1921

Molina Ortega, Elena. Ramón López Velarde; estudio biográfico. (Ser. Letras, no7) Impr. universitaria '52 p 103-14

LORCA, Federico García. See García Lorca, F.

LORD'S supper

Jeremias, Joachim. Eucharistic words of Jesus; tr. from the 2d German ed. by Arnold Ehrhardt. Macmillan '55 p 177-83
Koch, Reinhold. Erbe und auftrag; das abendmahlsgespräch in der theologie des 20. jahrhunderts. (Forschungen zur geschichte und lehre des protestantismus, ser 10, v9) Kaiser '57 p 159-63

LORD'S supper (canon law)

Siedlecki, Edmund Julian. Patristic synthesis of John VI, 54-55. (Dissertationes ad lauream, 27) St Mary of the Lake seminary '56 p269-98

LORRAINE

Bibliographie lorraine, 1951[-1957] Ann Est sér5 3 no1:3-37; 4 no2:213-60; 5 no4:283-333; 6 no4:267-331; 7 no4:251-315; 8 no4:233-98; 9 no4:267-329 '52-'58

LORTZ, Joseph, 1887-

Iserloh, Edwin, and Manns, Peter, eds. Festgabe Joseph Lortz. Grimm '58 2v v2, p585-8

LORY, Pierre, 1866-1956

Moret, L. Pierre Lory. Soc Géol France Bul 7:559-69 D '57

LOUD speaking apparatus

Ingerslev, Fritz. Måling af lineær og ulineær forvrænging i elektrodynamiske højttalere. Measurement of linear and non-linear distortion in electrodynamic loudspeakers. Teknisk forlag '53 p257-66

LOUIS XVI, king of France, 1754-1793

Fay, Bernard. Louis XVI; ou, La fin d'un monde. (Présence de l'histoire) Amiot-Dumont '55 p333-94

LOUIS XVII, of France, 1785-1795

Romain, Jean Pascal. Les trois Louis XVII évadés du Temple; préf. par Raoul de Warren. (Dossiers de la petite histoire. L'affaire Louis XVII) Inst. des sciences historiques '56 p 312-22

LOUIS, René

Bibliographie des travaux publiés par René Louis de 1926 à 1955; littérature du moyen âge, archéologie et histoire de l'art, antiquités de l'Auxerrois et du Nivernais. The author '55 36p

LOUISIANA

Antiquities

Ford, James Alfred, and Webb, Clarence H. Poverty Point; a late archaic site in Louisiana; in collaboration with Junius B. Bird and Michael Beckman. (Anthropological papers, v46, pt 1) Am. museum of natural history '56 p 131-2

Government publications

Louisiana. Department of state. Official publications. The department '54 2v

Politics and government

Howard, Lawrence Vaughan. Civil service development in Louisiana. (Tulane studies in political science, v3) Tulane univ. '56 p 183-5 annot

Howard, Perry H. Political tendencies in Louisiana, 1812-1952. (La. State univ. Studies. Social science ser, no5) La. state univ. press '57 p214-21

Louisiana. State university and agricultural and mechanical college. Institute of public administration. Inventory of research on Louisiana government, 1948-1954: Bureau of governmental research, Institute of public administration, Louisiana legislative council, Public affairs research council, The college '54 20p

LOURDES

Fackovec, William. Lourdes publications in French in the Clugnet collection. (Marian lib. study, no4) Marian lib. Univ. of Dayton '58 71p annot
Flynn, Sister Maureen. This place called Lourdes. Regnery '57 p201-3
Herrero García, M. Bibliografía española de Lourdes. Libro Esp 1:259-64 My '58
Mathews, Stanley. Marian bibliography for the Lourdes centenary; sel. list of bks. on Lourdes and Bernadette for high school libraries. Mentzer, Bush & co. '58 3p annot

LOVE

Nelson, John Charles. Renaissance theory of love; the context of Giordano Bruno's *Eroici furori*. Columbia univ. press '58 p271-4

See also

Courtship

Marriage

LOVE (theology)

Spick, Ceslaus. Agapè dans le Nouveau Testament; analyse des textes; ouvrage publié avec le concours du Centre nat. de la recherche scientifique. (Etudes bibliques) Gabalda '58 p317-24
Warnach, Viktor. Agape; die liebe als grundmotiv der neutestamentlichen theologie. Patmos-verlag '51 p655-65

LOVE poetry

Valency, Maurice Jacques. In praise of love; an introd. to the love-poetry of the renaissance. Macmillan '58 p273-85

LOVECRAFT, Howard Phillips, 1890-1937

Wetzel, George, ed. Howard Phillips Lovecraft; memoirs, critiques & bibliographies. SSR pubs. '55 p47-83

LOVEJOY, Elijah Parish, 1802-1837

Gill, John. Tide without turning: Elijah P. Lovejoy and freedom of the press. Beacon press '58 p241-9

LOW German philology

Mehlem, Richard, and Seedorf, Wilhelm, eds. Niederdeutsch; ein handbuch zur pflege der heimatssprache. H. Schroedel '57 p 193-9, 209-12

LOW temperature research. See Temperature, low

LOWENFELD mosaic test. See Mosaic test

LOWER CALIFORNIA. See California, Lower

LOWIE, Robert Harry, 1883-1957

Lowie, R. H. and others. Bibliography of Robert H. Lowie. Am Anthropol 60:362-75 Ap '58

LOWRIE, Walter, 1868-

Zabriskie, Alexander Clinton, ed. Dr. Lowrie of Princeton & Rome; nine essays in acknowledgment of a debt, by A. W. Van Buren [and others] together with a report courteous by W. L. [bibliog. prepared by W. L.] Seabury press '57 p233-41

LOYALTY oaths

Hyman, Harold Melvin. Era of the oath; northern loyalty tests during the Civil war and reconstruction. Univ. of Pa. press '54 p208-22

Hyman, Harold Melvin. To try men's souls; loyalty tests in Am. history. Univ. of Calif. press '59 p385-406

LOYOLA, Ignacio de, Saint, 1491-1556

Gilmont, Jean François, and Daman, Paul. Bibliographie ignatienne, 1894-1957; classement méthodique des livres et articles concernant Ignace de Loyola, sa vie, les Exercices spirituels, les Constitutions, ses autres écrits et sa spiritualité; préf. du R.P. Hugo Rahner. (Museum lessianum. Sec. historique, no 17) Desclée de Brouwer '58 251p

Iparraguirre, Ignacio. Orientaciones bibliográficas sobre San Ignacio de Loyola. (Subsidia ad historiam S.I. Ser. minor, 1) Inst. historicum S.I. '57 151p

Juambelz, Jesús. Bibliografía sobre la vida, obras y escritos de San Ignacio de Loyola, 1900-1950. Ed. Razón y Fe '56 118p

Purcell, Mary. First Jesuit, St Ignatius Loyola. Newman press '57 p377-81

LOZI (African tribe)

Turner, V. W. Lozi people of north-western Rhodesia. (Ethnographic survey of Africa: West central Africa, pt3) Int. African inst. '52 p55-60

LUBRICATION and lubricants

Bearings, lubricants, and lubrication; a digest of 1954[-1958] literature. Mech Eng 77:789-801; 78:711-14; 79:850-2; 80:64-74; 81:64-74 S '55, Ag '55, S '57, S '58, O '59
Conference on lubrication and wear. London, 1957. Proceedings of the Conference [held in] London, 1st-3d October 1957. Inst. of mechanical engineers '59? incl bibliog
Fuller, Dudley Dean. Theory and practice of lubrication for engineers. Wiley '56 incl bibliog

General electric company. Aircraft nuclear propulsion department. Brief literature survey relating temperature to boundary lubrication phenomena; prepared by A. D. Varanelli. (U.S. Atomic energy comm. TID 4500, 11th ed) The department '56 35p

Peeler, R. L. and Green, J. Measurement of bulk modulus of hydraulic fluids. Am Soc Test Mat Bul 235:55-7 Ja '59

Popovich, Milosh Nicholas, and Hering, Carl. Fuels and lubricants. Wiley '59 incl bibliog
Radzimovsky, Eugene Ivan. Lubrication of bearings; theoretical principles and design. Ronald '59 p321-5

Slaymaker, Robert Ridgley. Bearing lubrication analysis. Wiley '55 incl bibliog
Vogelpohl, Georg. Betriebssichere gleitlager; berechnungsverfahren für konstruktion und betrieb. Springer '58 p303-10

Zuidema, Hilbert Harry. Performance of lubricating oils. 2d ed (Am. chemical soc. Monograph ser. no 143) Reinhold '59 incl bibliog

See also

Bearings

LUCHETTO da Genova. See Cambiaso, L.

LUCIENTES, Francisco José de Goya y. See Goya y Lucientes, F. J. de

LUINI, Bernardino. ca 1475-1533
Ottino della Chiesa, Angela. Bernardino Luini. Istituto geografico de Agostino '56 p 63-152

LULL, Ramón, Blessed. 1232-1316

Clausen, Agnes. Lullus, muhammedanernes apostel. Gad '55 p 147-8

Lull, Ramón. Raymond Lulle, docteur des missions; avec un choix de textes, tr. et annot. par Ramon Sugranyes de Franch; préf. du R. P. Jean P. de Menasse. (Sup5) Neue zeitschrift für missionswissenschaft '54 p 146-51

LULL, Richard Swann. 1867-1957

Simpson, G. G. Memorial to Richard Swann Lull. Geol Soc Am Proc 1957:131-3 '58

LUMBER

Flick, Frances Josephine. Grading logs and trees for quality; a bibliog. comp. for the Log grade comm. Forest service. Forest service, U.S. Dept. of agriculture '55 27p

United States. Superintendent of documents. Forestry. (Price list 43, 49th ed) U.S. Gov. ptg. office '59 8p

See also

Timber

Drying

Organization for European economic cooperation. European productivity agency. Modern techniques for the drying and conditioning of timber; project no241. The agency '57 p 121-32

LUMBER trade

Europe

United nations. Economic commission for Europe. European timber statistics, 1913-1950. The commission '53 p 19-29

Great Lakes region

Rector, William Gerald. Log transportation in the Lake States lumber industry, 1840-1918; the movement of logs and its relationship to land settlement, waterway development, railroad construction, lumber production, and prices. (Am. waterways ser. 4) A. H. Clark '53 p313-32

United States

Reynolds, A. R. Daniel Shaw lumber company; a case study of the Wis. lumbering frontier. (N.Y. univ. Graduate school of business adm. Business history ser) N.Y. univ. press '57 p 165-70

LUMBERING

Holbrook, Stewart Hall. Holy old Mackinaw; a natural history of the Am. lumberjack. new, enl ed Macmillan '56 p280-2

Koroleff, Alexander Michael. Logging mechanization in the U.S.S.R.; a review of Russian data. (Woodlands research index no90, B-1) McGill univ. bk. store '52 p 154-8

Leloup, Marcel. Tractors for logging. (FAO forestry development paper no 1) Food & agriculture organization of the United nations '56 p 183-8

LUMBRICUS. See Earthworms

LUMINESCENCE

Battelle memorial institute. Abstracts of the literature on semiconducting and luminescent materials and their applications, 1954 [-1956] issue. (V2-4) Wiley '55-'59 3v annot
Destriau, G. and Ivey, H. F. Electroluminescence and related topics. Inst Radio Eng Proc 43:1938-40 D '55

Fonda, G. R. Review of articles on luminescence for 1953-1954[-1955-1956] Electrochem Soc J 102:129C-133C; 104:524-30 Je '55, Ag '57

Harvey, Edmund Newton. History of luminescence; from the earliest times until 1900. (Memoirs, v44) Am. philosophical soc. '57 p601-69

LUMINESCENCE, Biological

Harvey, E. N. Evolution and bioluminescence. Q R Biol 31:285-7 D '56

McElroy, W. D. and Strehler, B. L. Bioluminescence. Bact R 18:192-4 S '54

National research council. Committee on photobiology. Luminescence of biological systems; proceedings of the Conference on luminescence, March 28-Apr. 2, 1954, sponsored by the Committee; ed. by Frank H. Johnson. Am. assn. for the advancement of science '55 incl bibliog

LUMMIS, Charles Fletcher. 1859-1928

Bingham, Edwin R. Charles F. Lummis, editor of the Southwest. (Huntington lib. pubs) Henry E. Huntington lib. & art gallery '55 p 192-201

LUNCH rooms. See Restaurants, lunch rooms, etc.

LUNCHES, School. See School lunches

LUNGS

Boyden, Edward Allen. Segmental anatomy of the lungs; a study of the patterns of the segmental bronchi and related pulmonary vessels. McGraw '55 incl bibliog

See also

Respiration

Cancer

American cancer society. Cancer of the lung, an evaluation of the problem; proceedings of the scientific session annual meeting, Nov. 3-4, 1953. The society '56 incl bibliog

Braun, D. C. and Truan, T. D. Epidemiological study of lung cancer in asbestos miners. AMA Archives Ind Health 17:651-3 Je '58

Cutler, S. J. Review of the statistical evidence on the association between smoking and lung cancer. Am Stat Assn J 50:281-2 Je '55

Haenszel, W. Epidemiological tests of theories on lung cancer etiology. Pub Health Rep 71:171-2 F '56

Hueper, Wilhelm C. Quest into the environmental causes of cancer of the lung. (Pub. no452. Public health monograph no36) U.S. Public health service '55 p46-54

Thompson, C. W. and Flynn, W. New health education implications in the association of smoking, lung cancer, and heart disease. Res Q 27:443-5 D '56

Collapse

Brattström, Sten. Postoperative pulmonary ventilation with reference to postoperative pulmonary complications; a clinico-experimental investigation by chestroentgenograms and pulmonary nitrogen elimination measurements performed in connection with high laparotomies under inhalation anesthesia; tr. by L. James Brown. (Sup 195) Acta chirurgica scandinavica '54 p78-82

Diseases

Altschule, Mark David. Acute pulmonary edema. (Modern medical monographs, 10) Grune '54 p61-6

LUNGS—Disease—Continued

- Bailly, Eugène. Formations aériennes géantes du poulmon chez l'enfant; étude anatomique, radio-clinique et thérapeutique. Travail du Laboratoire de pneumologie (Dr Galv) de la Clinique chirurgicale A (Pr Santy) et des Services de pédiatrie (Pr Bernheim, Dr Jeune) Vigot frères '57 p 170-201
- Chicago heart association. Pulmonary circulation; an internat. symposium, 1958; ed. by Wright R. Adams and Ilza Veith. Grune '59 incl bibliog
- Kuomagnen, Otto. Über das vorkommen von hiatushernien und kardiainsuffizienz in verbindung mit pleuraschwarte. (Sup 153) Acta radiologica '57 p70-6
- Pullen, Roscoe Le Roy, ed. Pulmonary diseases, Lea '55 incl bibliog

See also

- Bronchoscope and bronchoscopy
Lungs—Collapse
Tuberculosis

Dust diseases

- Broch, Cato. Silikose förärsaket av rökstøvet i et ferrosilicium- og ferro-kromsmelteverk; en undersøkelse av bedriftens arbeidere og av støvet i smeltehusene, dets forekomst og egenskaper. Silicosis caused by the smoke dust in a ferro-silicon and ferro-chromium smelting-plant; an examination of the plant-workers and of the dust in the smelting houses, its occurrence and characteristics; with an English summary. Norli '53 p 146-60
- Dautrebande, L. and others. Lung deposition of fine dust particles. AMA Archives Ind Health 16:136-7 S '57
- Dawes, J. G. and Nagelschmidt, G. Work on the pneumoconiosis problem at the Safety in mines research establishment. Inst Min Eng Trans 115:881-4 Ag '56
- Essai de prévention de la silicose, par L. Dautrebande [et all] Union minière du Haut-Katanga '54 p 173-7
- Evans, W. D. Properties of airborne dusts in relation to pneumoconiosis. Inst Min & Met Trans 65:30-2 '55-'56
- Fletcher, C. M. Epidemiological studies of coal miners' pneumoconiosis in Great Britain. AMA Archives Ind Health 11:40-1 Ja '55
- Franks, W. R. Differential susceptibility of animals to dust. AMA Archives Ind Health 12:295-6 S '55
- Holt, Peter Fox. Pneumoconiosis; industrial diseases of the lung caused by dust. Arnold '57 p237-52
- Kerr, L. E. Coal workers' pneumoconiosis. Ind Med 25:360-2 Ag '56
- King, E. J. and others. Experimental infective pneumoconiosis. AMA Archives Ind Health 16:391-2 N '57
- McLaughlin, A. I. G. and Harding, H. E. Pneumoconiosis and other causes of death in iron and steel foundry workers. AMA Archives Ind Health 14:377-8 O '56
- Pemberton, J. Chronic bronchitis, emphysema, and bronchial spasm in bituminous coal workers. AMA Archives Ind Health 13:543-4 Je '56
- Pendergrass, Eugene Percival. Pneumoconiosis problem, with emphasis on the role of the radiologist. Thomas '59 p 119-28
- Rüttner, J. R. Foundry workers' pneumoconiosis in Switzerland (anthracosilicosis) AMA Archives Ind Hygiene & Occup Med 9:304-5 Ap '54
- Sadoul, Paul. Médecine du travail; exploration de la fonction pulmonaire dans les pneumoconioses. Coueslant '54 p 176-88

See also

Silicosis

Radiography

- Autio, Ville. Bronchspirometric studies relating to a radiographic method for determining differential vital capacity. (Sup329) Acta medica Scandinavica '57 p99-104
- Bolt, Wilhelm, and others. Selektive lungenangiographie in der präoperativen diagnostik und in der inneren klinik; mit einem geleitwort von H. W. Knipping. Thieme '57 p 179-93
- Pendergrass, Eugene Percival. Pneumoconiosis problem, with emphasis on the role of the radiologist. Thomas '59 p 119-28

Zsebök, Zoltán. Röntgenanatomie der neugeborenen- und säuglingslunge; mit einem geleitwort von R. Glauner. (Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern; Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin. Ergänzungsbände, v82) Thieme '58 p 154-8

Surgery

- Herbsman, H. Early history of pulmonary surgery. J Hist Med 13:346-8 J1 '53
- Steele, John D. ed. Surgical management of pulmonary tuberculosis; introd. by Frederick A. Collier; biographical sketch of John Alexander by Cameron Haight. (John Alexander monograph ser. on various phases of thoracic surgery, pub. no 1) Thomas '57 incl bibliog
- Zenker, Rudolf, and others. Die lungenresektionen: anatomie, indikationen, techn. Springer '54 p326-59
- LUNIN, Nicolai I. 1853-1937
Voss, H. E. Nicolai I. Lunin—1853-1937. Am Diet Assn J 32:319-20 Ap '56
- LURÇAT, Jean, 1892-
Lurcat, Jean. Tapisseries de Jean Lurcat, 1939-1957; avant-propos de Vercors [pseud] Vorma '57 p 192
- LUSATIA, Lower
Lehmann, Rudolf. Bibliographie zur geschichte der Niederlausitz. (Historische kommission für die provinz Brandenburg und die reichshauptstadt Berlin. Veröffentlichungen, 2; Brandenburgische bibliog. v3; Mitteldeutsche forschungen, 2) Böhlau-verlag '28-'54 2v
- LUTHER, Martin, 1483-1546
Aland, Kurt. Hilfsbuch zum Lutherstudium; bearb. in verbindung mit Ernst Otto Reichert und Gerhard Jordan. Evangelische verlagsanstalt '57 366p
—Same. 2d ed Evangelische verlagsanstalt '53 366p
- Dillenberger, J. Literature in Luther studies, 1950-1955. Church Hist 25:160-77 Je '56
- Fife, Robert Herndon. Revolt of Martin Luther. Columbia univ. press '57 p695-713
- Heintze, Gerhard. Luthers predigt von gesetz und evangelium. (Forschungen zur geschichte und lehre des protestantismus, ser 10, v 11) Kaiser '58 p284-91
- Luther, Martin. What Luther says, an anthology; comp. by Ewald M. Plass. Concordia '59 3v v3, p 1588-1638
- Luther-bibliographie, 1940-1953 (im auszug) Luther-Jahrb 24:141-55 '57
- Luther-bibliographie, 1954[-1955] Luther-Jahrb 24:156-63; 25:204-13 '57-'58
- Shestov, Lev. Sola fide: Luther et l'église; tr. du russe par Sophie Sève. (Études d'histoire et de philosophie religieuses, no46) Presses univ. de France '57 p 155-6
- Tillmanns, Walter G. World and men around Luther. Augsburg '59 p347-60
- Vajta, Vilmos. Die theologie des gottesdienstes bei Luther. Svenska kyrkans diakonistrelses bokförlag '52 p361-72
- LUTHERAN church
Nothstein, I. O. Bibliography. (In Beck, Victor Emanuel. Why I am a Lutheran. Nelson '56 p 183-6)

Government

- Hoh, Paul Jacob. Parish practice; a manual of church administration. rev ed Muhlenberg press '56 p239-42
- LUTHERAN church in the United States
Schmidt, H. H. Literature of the Lutherans in America. Relig in Life 27:583-603 Autumn '58
- Wentz, Abdel Ross. Basic history of Lutheranism in America. Muhlenberg press '55 p384-411
- LUXEMBURG, Rosa, 1870-1919
Gittig, Heinz. Karl Liebknecht, Rosa Luxemburg; ein auswahlverzeichnis der schriften von und über Karl Liebknecht und Rosa Luxemburg. (Schriftenreihe des Arbeitskreises der gesellschaftswissenschaftlichen beratungsstellen an den dem Staatssekretariat für hochschulwesen unterstellten wissenschaftlichen bibliotheken, no3) Deutsche staatsbibliothek '57 62p
- LUXEMBURG
See also
Economic policy
Benelux economic union
- LUZEAU, Lucie Rondeau-. *See* Rondeau-Luzeau, L.

LUZONITE

Gaines, R. V. Luzonite, famatinite and some related minerals. *Am Min* 42:778-9 N '57

LWÓW, Russia

Bailly, Rosa. City fights for freedom; the rising of Lwów in 1918-1919 [an episode in the history of Poland] tr. from the French by Samuel S. B. Taylor. Pub. com. Leopold '56 p365-7

LYCIAN language

Stoltenberg, Hans Lorenz. Die termilische sprache Lykiens; sprachbau und wortschatz, stele von Xanthos, verwandtheit mit dem etruskischen, jungminoische laut-schrift und altnoische bruchzahlzeichen. (Sammlung praktischer lehr- und handbü-cher auf wissenschaftlicher grundlage. 2. Reihe: Philologie. 1. gruppe: Allgemeine sprachwissenschaft. 2.) Gottschalksche ver-lagsbuchhandlung '55 p92-3

LYCOPERDALES. See Gasteromycetes**LYMAN, Theodore, 1874-1954**

Bridgman, P. W. Theodore Lyman, 1874-1954. (In National academy of sciences. Bio-graphical memoirs. Columbia univ. press '57 p253-6)

LYMPHATICS

De Kock, G. Studies on the lesions and pathogenesis of East Coast fever (theileria parva infection) in cattle, with special reference to the lymphoid tissus. Onderstepoort J Vet Res 27:451-2 D '57

Drinker, Cecil Kent, and Yoffey, Joseph Mendel. Lymphatics, lymph and lymphoid tissue; 2d ed. by Joseph Mendel Yoffey and Frederick Colin Courtice. Harvard univ. press '56 incl bibliog

Kihara, Takusaburō. Das lymphgefäßsystem der Japaner; v 1. Der ductus thoracicus der Japaner, von Buntarō Adachi. The author '53 p79-83

LYMPHOCYTES

Engelbert, V. E. Behavior and function of lymphocytes in relation to their basic nu-clear units. *Can J Zool* 34:722-3 D '56

LYMPHOMATOSIS in poultry. See Leucemia in poultry**LYNEODOCH, Thomas Graham, baron, 1748-1843**

Brett-James, Antony. General Graham: Lord Lynedoch. St Martins '59 p342-55

LYNX

Young, Stanley Paul. Bobcat of North America; its history, life habits, economic status and control, with list of currently recog-nized subspecies. Stackpole co; Wildlife management inst. '58 p 143-88

LYRIC poetry

See also
Songs

LYSERGIC acid

United States. National institutes of health. Library. Lysergic acid diethylamide, LSD-25; a sel. of periodical articles, comp. by Charlotte Kenton. The library '56 12p

LYSIMACHIA. See Loosestrife**LYSINE**

Feldberg, C. and Hetzel, C. P. Role of lysine in cereal food products. *Food Tech* 12:499-500 O '58

Germann, A. F. O. and others. Revaluation of the L-lysine requirement of the weanling pig. *J Animal Sci* 17:60-1 F '58

LYSOZYME

Grula, E. A. and Hartsell, S. E. Lysozyme in the bacteriolysis of gram-negative bacteria. *Can J Microbiol* 3:20-1, 33-4 F '57

Salton, M. R. J. Properties of lysozyme and its action on microorganisms. *Bact R* 21: 96-9 Je '57

M**MCADOO, William Gibbs, 1863-1941**

United States. Library of Congress. Manu-script division. William Gibbs McAdoo; a register of his papers in the Library. The division '59 35p

MCALMON, Robert, 1896-1956

Knoll, Robert Edwin. Robert McAlmon, ex-patriate publisher and writer. (Studies. new ser, no 18) Univ. of Neb. '57 p85-9
—Same. Univ. of Neb. '59 p85-9

MCAULEY, Mother Mary Catherine, 1787-1841
Degan, Sister Mary Bertrand. Mercy unto thousands; life of Mother Mary Catherine McAuley, foundress of the Sisters of Mercy; with a foreword by Edmund F. Gibbons. Newman press '57 p383-5

MCCLELLAN, George Brinton, 1826-1885

Hassler, Warren W. General George B. Mc-Clellan, shield of the Union. La. state univ. press '57 p331-42 annot

MCCULLERS, Carson (Smith) 1917-

Stewart, S. Carson McCullers, 1940-1956. *Bul Bibliog* 22:182-5 Ja '59

MACEDONIAN question

Šlijepećević, Djoko. Macedonian question; the struggle for southern Serbia; tr. by James Larkin. *Am. inst. for Balkan affairs* '58 p253-60

Zotiadis, George B. Macedonian controversy. (Pubs, 3) *Inst. for the study of Haemos peninsula, Soc. of Macedonian studies* '54 p75-86

MACELWANE, James Bernard, 1883-1956

Byerly, P. and Stauder, W. V. James B. Macelwane. (In National academy of sci-ences. Biographical memoirs. Columbia univ. press '58 p276-81)

Byerly, P. and Stauder, W. V. Memorial to James Bernard Macelwane, S.J. (1883-1956) *Geol Soc Am Proc* 1956:161-3 S '57

McFARLAND, George Bradley, 1866-1942

McFarland, Bertha (Blount). McFarland of Siam; the life of George Bradley McFar-land, M.D., D.D.S., afterwards Phra Ach Vidyagama; ed. by George E. McCracken. *Vantage* '58 p296-302

MÁCHA, Karel Hynek, 1810-1836

Velimský, Mirko. Karel Hynek Mácha; in-formační výběrová bibliografie k 120. výročí básnickovy smrti. (Bibliografický materiál, v5) Výzkumný osvětový ústav '56 12p

MACHADO DE ASSIS, Joaquim Maria, 1839-1908

Sousa, J. Galante de. Bibliografia de Machado de Assis. (Rio de Janeiro. Inst. nacional do livro. Coleção B 1. Bibliog. 10) Ministério da educação e cultura '55 772p

MACHATSCHEK, Fritz, 1876-1957

Fochler-Hauke, G. Fritz Machatschek. Peter-manns Geog Mitt 102 no 1:5 '58

Louis, Herbert, and Schaefer, Ingo, eds. Geomorphologische studien; Fritz Machat-schek zum 80. geburtstag gewidmet von schülern, freunden, verehrern und dem verlag. (Petersmanns geographische mit-teilungen. Sup no262) Haack '57 p334-6

MACHINE shop practice

Morris, Joe Lawrence. Modern manufactur-ing processes. Prentice-Hall '55 incl bib-liog

New York (city). Board of education. Machine shop practice for vocational high schools; a syllabus. (Curriculum bul. 1954-55 ser, no 10) The board '56 p 152-69

New York (state). Bureau of trade and technical education. Machine shop practice for vocational high schools, a suggested syllabus. The bureau '58 p67-66

Schroeder, Alfred Joseph. Richtlinien fein-mechanischer konstruktion und fertigung; grundlagen spanloser gestaltung. 2d rev & enl ed Berliner union '53 p205-10

MACHINE shops

See also
School shops

MACHINE tools

Abell, Sydney George, and others. Bibliog-raphy of the art of turning and lathe and machine tool history with additional refer-ences to books and periodical articles which are of interest in relation to these subjects; trs. by Henry Herbert Kolm. 2d ed rev & enl Soc. of ornamental turners '56 89p

Analyses d'articles techniques. See numbers of Mécanique documentation thru 1956?

Armstrong, William Herbert. Machine tools for metal cutting. McGraw '57 p329-32

Donaldson, Cyril, and LeCain, George H. Tool design. 2d ed McGraw '57 incl bibliog

Schroeder, Alfred Joseph. Richtlinien fein-mechanischer konstruktion und fertigung; grundlagen spanloser gestaltung. 2d rev & enl ed Berliner union '53 p205-10

See also
Metal cutting

MACHINE tools—Continued

Control

Massachusetts institute of technology. Servomechanisms laboratory. Numerical control of machine tools; notes by staff members of the Laboratory. 2d ed The laboratory '55 incl bibliog

MACHINERY

Engineering societies library. Bibliography on machinery foundations; design, construction, vibration elimination. (ESL bibliog. no 11) The library '55 25p. annot
Mechanisms; an int. bibliography. P. Grodzinski. See numbers annot

See also

Agricultural machinery
Bearings
Building machinery
Conveying machinery
Crushing machinery
Electric machinery
Friction
Gaskets
Hydraulic machinery
Lubrication and lubricants
Machine tools
Mixing machinery
Packing (mechanical engineering)
Turning

Design

American society of mechanical engineers. Metals engineering handbook board. ASME handbook. McGraw '53-'58 4v incl bibliog
Berard, Samuel John, and others. Principles of machine design. Ronald '55 incl bibliog
Findeisen, Franz. Neuzzeitliche maschinenelemente. (SDV fachbücher) Schweizer druck- & verlagshaus '50-'53 3v incl bibliog
Marin, J. Design for fatigue loading. Machine Design 29:94 Ja 24; 99 F 7; 133-4 F 21; 99 Mr 7; 157 Mr 21 '57
Rosenthal, Emanuel, and Bischof, George P. Elements of machine design. McGraw '55 p223-4

Leasing

Harvard university. Graduate school of business administration. Baker library. Leasing of industrial equipment; a sel. list of recent references on leasing of machines and transportation equipment. (Reference list no 16) The library '55 4p

Noise

King, A. J. Vibration and noise of mechanisms and machines. Engineering 183:719 Je 7 '57

Vibration

King, A. J. Vibration and noise of mechanisms and machines. Engineering 183:719 Je 7 '57

MACHINERY, Automatic

Eustis, William. Primer to the automatic office; contributions by Gilbert Dresser [and others; bibliog. by W. L. Alden] Automation management inc. '56 p89-93

See also

Automation
Vending machines

MACHINERY, Kinematics of

Beggs, Joseph Stiles. Mechanism. (McGraw-Hill ser. in mechanical engineering) McGraw '55 p405-11

MACKAY, John Alexander, 1889-

Jurij, Edward Jabra, ed. Ecumenical era in church and society; a symposium in honor of John A. Mackay [by Hugh T. Kerr and others; bibliog. by Stanton R. Wilson] Macmillan '59 p231-8

MACKIE, August, 1887-1914

Vriesen, Gustav. August Macke. 2d rev ed Kohlhammer '57 p345-8

MACKENROTH, Gerhard, 1903-1954?

Das schrifttum von Gerhard Mackenroth. Weltwirt Archiv 75 no1:29-32 '55

MACKINAC bridge

Michigan. State library. Great bridge at Mackinac; a sel. bibliography. (Mich. in bks. v 1, no 1) The library '58 15p annot

MCNABB, Vincent Joseph, 1868-1943

Auth, Charles R. Bibliography of the published writings of very Reverend Vincent McNabb. Dominican house of studies '55 25p

MACNIDER, William deBerniere, 1881-1951

Richards, A. N. William deBerniere MacNider. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p262-72)

MAC ORLAN, Pierre, pseud. of Pierre

Dumarchey, 1882-
Mac Orlan, Pierre. Pierre Mac Orlan, une étude par Pierre Berger; inédits, œuvres choisies, bibliog, dessins, portraits, facsimilés. (Poètes d'aujourd'hui, 26) Seghers '51 p 199-213

Œuvres de Pierre Mac Orlan; essai de bibliographie. Biblio 24:10-13 Ag '56

MACQUARIE island

Law, Phillip G. and Burstall, T. Macquarie island. (Australian nat. antarctic research expeditions. Interim reps, 14) Antarctic div. Dept. of external affairs '56 p44-8

MCQUARRIE, Irvine, 1892-

Good, Robert A. and Platou, Erling Stoud, eds. Essays on pediatrics in honor of Irvine McQuarrie; being a comp. of papers presented by his former students and associates at a pediatric grand reunion at the Univ. of Minn, held on the occasion of his 25th year of service to the university. The editors '55 p 12-16 (1st group)

MADAGASCAR

Gouverneur, M. Quelques livres sur Madagascar. R Indep 45:74-86 Je '56

MADERO, Francisco Indalecio, 1873-1913

Cumberland, Charles Curtis. Mexican revolution, genesis under Madero. Univ. of Tex. press '52 p261-78

MADISON college, Harrisonburg, Virginia

Dingleline, Raymond C. Madison college the first fifty years, 1908-1958. Madison college '59 p297-301

MADREPORARIA, Fossil

Alloiteau, James. Contribution à la systématique des madréporaires fossiles. Centre nat. de la recherche scientifique '57 2v v 1, p425-38

MADRID

Oliva, Escribano, J. L. Bibliografía de Madrid y su provincia. Libro Esp 1:69-74, 137-42, 189-94, 271-4, 311-18, 355-62, 409-22, 457-63, 655-62; 2:41-50, 95-105, 164-9, 242-7, 388-94, 455-64, 544-8, 717-20, 768-74 F-O, D '58-
Ap. Je-Ag, N-D '59 (to be cont)
Simón Díaz, José. Libros madrileños de los siglos de oro. Inst. de estudios madrileños '53 36p

MAGAZINES. See Periodicals

MAGIC

Shah, Idries. Oriental magic; foreword by Louis Marin. Philosophical lib. '57 p 191-6
Wedek, Harry Ezekiel. Dictionary of magic. (Mid-century reference lib) Philosophical lib. '56 p98-103

See also

Alchemy
Conjuring
Medicine, Magic, mystic and spagirc
Witchcraft

History

Seligmann, Kurt. Le miroir de la magie; histoire de la magie dans le monde occidental; tr. de l'anglais par Jean-Marie Daillet et une postface de Robert Amadou. Fasquelle '56 p391-400

MAGMAS

Mutch, A. D. Critical evaluation of the classification of ore deposits of magmatic affiliations. Econ Geol 51:684-5 N '56

MAGNESITE

Destombes, J. P. Magnésites (giobertites) des Pyrénées occidentales. Soc Géol France 6:475-6 D '56

Nishihara, H. Origin of the bedded magnesite deposits of Manchuria. Econ Geol 51: 709-11 N '56

South Australia. Geological survey. Department of mines. Magnesite. (Abstract bul. no 10) The department '56 2p annot

MAGNESIUM

Davis, Robert Ellis. Magnesium resources of the United States—a geologic summary and annotated bibliography to 1953; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-E) U.S. Gov. ptg. office '57 373-515p

Istituto sperimentale del metalli leggeri. Bollettino bibliografico. The institute. See numbers thru 1955

See also

Plants, Effect of magnesium on

MAGNESIUM castings

Brace, Arthur William, and Allen, Frank Arthur. Magnesium casting technology. Reinhold '57 p 165-71

MAGNESIUM in the body

Clark, E. W. Review of literature on calcium and magnesium in insects. *Entom Soc Am Ann* 51:151-4 Mr '58

Martin, H. E. and others. Electrolyte disturbance in acute alcoholism. *Am J Clin Nutrition* 7:195-6 Mr '59

MAGNETIC amplifiers. See Amplifiers**MAGNETIC materials**

Duffy, J. J. and Spatz, S. Static switching today. *Elec Manuf* 63:168-9 My '59

Materials used in radio and electronic engineering. *Brit Inst Radio Eng J* 18:460-2 Ag '58

Morgan, W. L. Bibliography of digital magnetic circuits and materials. *Inst Radio Eng Trans EC-8*:148-56 Je '59

MAGNETIC measurements

Schnuckler, Ulrich. Gesteinsmagnetische untersuchungen und experimente am basalt des Steinberges bei Barlissen. (Akad. der wissenschaften. Göttingen. Mathematisch-physikalische klasse. Abh. ser 3, no26) Vandenhoeck & Ruprecht '57 p87-8

MAGNETIC recording. See Sound—Recording and reproducing—Magnetic recording**MAGNETIC resonance**

Andrew, Edward Raymond. Nuclear magnetic resonance. (Cambridge monographs on physics) Cambridge '55 p247-61

Bloembergen, N. Magnetic resonance in ferrites. *Inst Radio Eng Proc* 44:1268-9 O '56

Reilly, C. A. Nuclear magnetic resonance spectrometry. *Anal Chem* 30:848 Ap '58

MAGNETISM

Blum, S. L. and others. Solve those problems in ferromagnetics and ferroelectricity. *Cer Ind* 67:90-2 Jl; 100-1 Ag; 116-18 S; 128+ O; 114-15 N; 100+ D '56; 68:172+ Ja '57

Brailsford, F. Ferromagnetism in relation to engineering magnetic materials. *Inst Elec Eng Proc* 103:51 F '56

Katz, Harold William, ed. Solid state magnetic and dielectric devices; auths: W. R. Chynoweth [and others] Wiley '59 incl bibliog

Panofsky, Wolfgang Kurt Hermann, and Phillips, Melba (Newell). Classical electricity and magnetism. (Addison-Wesley ser. In advanced physics) Addison-Wesley '55 p391-3 annot

Prache, P. M. Structures granulaires ferromagnétiques. Cables & Transmissions 11:164-6 Ap '57

Washington conference on magnetism, University of Maryland, 1952. Abstracts. The university '52? incl bibliog

See also

Electromagnetism**MAGNETISM. Solar**

Alfvén, H. Sun's general magnetic field. *Tellus* 8:11-12 F '56

MAGNETISM. Terrestrial

Barta, G. Report on the geomagnetic and telluric researches carried out in Hungary during the period 1954-57. *Acta Tech* 18 no 1-2:161-6 '57

Hospers, J. Rock magnetism and polar wandering. *J Geol* 63:73-4 Ja '55

List of recent publications. See numbers of *Journal of geophysical research* thru December 1958

Miller, E. T. and Ewing, M. Geomagnetic measurements in the Gulf of Mexico and the vicinity of Caryn Peak. *Geophysics* 21:431-2 Ap '56

Rastogi, R. G. Diurnal development of the anomalous equatorial belt in the F2 region of the ionosphere. *J Geophys Res* 64:731-2 Jl '59

Rice, M. L. Recent literature on transient geomagnetic variations. *Meteorol Abst & Bibliog* 9:1430-50 N '58

Rice, M. L. and Panara, R. Recent literature on geomagnetism. *Meteorol Abst & Bibliog* 9:1283-1307 O '58

Wiese, Horst. Tiefentellurik; erforschung von grossräumigen zonen erhöhter leitfähigkeit im erdinneren durch erdmagnetische variationen. (Germany (Democratic Republic, 1949-) Meteorologischer und hydrologischer dienst. Abh. des Geomagnetischen inst. und Observatoriums Postdam-Niemegk, no 18) Akademie-verlag '56 p33-5

MAGNETITE

Buddington, A. F. and others. Thermometric and petrogenetic significance of titaniferous magnetite. *Am J Sci* 253:529-32 S '55

MAGSAYSAY, Ramón, 1907-1957

Quezon, Philippines. University of the Philippines. Institute of public administration. Library. Ramón Magsaysay; a bibliography. The library '57 185p

MAGYAR literature. See Hungarian literature**MAHLER, Gustav, 1860-1911**

Redlich, Hans Ferdinand. Bruckner and Mahler. (Master musicians) Farrar, Straus '55 p286-90

MAIDU Indians

Densmore, Frances. Music of the Maidu Indians of California. (Frederick Webb Hodge anniversary pub. fund. Pubs. 7) Southwest museum '58 p67

MAIL order business

Millican, Richard Donald. Mail order selling. rev (U.S. Small business administration. Small business bul (bibliog) 6) U.S. Gov. ptg. office '59 8p

MAIL service. See Postal service**MAIMONIDES. See Moses ben Maimon****MAINE****Economic conditions**

Storer, James Allen. Maine economic development and the community survey. (Bul. no320) Bur. of municipal research, Bowdoin college '56 p52-4

MAITLAND, Frederic William, 1850-1906

Maitland, Frederic William. Reader [ed] by V. T. H. Delany. (Docket ser, v 10) Oceana '57 p235-47

MAIZE. See Corn**MAJER, Józef, 1808-1899**

Wrzosek, Adam. Józefa Majera życie i zasługi naukowe (Polska akad. nauk. Zakład antropologii. Materiały i prace antropologiczne, no31) Państwowe wydawn. naukowe '57 p 186-97

MAJEROVÁ, Marie, 1882-

Hájek, Jiří. Národní umělkyně Marie Majerová; k tradicím české socialistické prózy. (Postavy a dílo. Velká řada, no2) Československý spisovatel '52 p227-34

Prague, Universita. Karlova. Knihovna. Národní umělkyně Marie Majerová; bibliografie literární tvorby M. Majerové a výběrový seznam studií a recenzí a jejím díle; sest. Helena Winklerová. (Čtème a studujeme, 1957, no 1) The library '57 31p

MALARIA

Brazil. Instituto brasileiro de bibliografia e documentação. Malária; bibliog. brasileira. (Bibliog. brasileiras sobre doenças tropicais, no6) The institute '58 129p

Covell, Sir Gordon, and others. Chemotherapy of malaria. (Monograph ser, no27) WHO '55 p 103-15

Macdonald, George. Epidemiology and control of malaria. Oxford '57 incl bibliog

Walker, David W. Selected bibliography on malaria in the Philippines. (Philippines (Republic) Inst. of science and technology. Bul. no 1) Bur. of print. '53 41p

MALAY archipelago

Robequain, Charles. Malaya, Indonesia, Borneo, and the Philippines; a geographical, economic, and political description of Malaya, the East Indies, and the Philippines; tr. by E. D. Laborde. 2d ed Longmans '53 p445-57

MALAY peninsula**History**

Moorhead, Francis Joseph. History of Malaya and her neighbours. Longmans '57 p237-8

MALAY race

Goodenough, W. H. Problem in Malayo-Polynesian social organization. *Am Anthropol* 57:82-3 F '55

MALAYA

Ginsburg, Norton Sydney, and others. Malaya. (Am. ethnological soc. New York. Pubs) Univ. of Wash. press '58 p509-24

Roberts, Chester F. ed. Area handbook on Malaya; auths: Bettyann Carner [and others] prelim ed (Subconstrator's monograph, HRAF-17) Human relations area files '55 p684-98

King, Frank H. H. New Malayan nation; a study of communalism and nationalism; with a foreword by Rupert Emerson. Inst. of Pacific relations '57 p87-9

Industries and resources

Allen, George Cyril, and Donnithorne, Audrey Gladys. Western enterprise in Indonesia and Malaya; a study in economic development. Macmillan '57 p307-11

MALAYA, British

Li, Dun-jen. British Malaya; an economic analysis. Am. press '55 p 109-21

MALAYS. See Malay race**MALBONE, Edward Greene, 1777-1807**

Tolman, Ruel Pardee. Life and works of Edward Greene Malbone, 1777-1807; with an introd. by Theodore Bolton and a foreword by John Davis Hatch. (John Divine Jones fund ser. of histories and memoirs, 13) New York historical soc. '58 p280-8

MALEIC hydrazide

Crafts, A. S. and others. Some studies on the herbicidal properties of maleic hydrazide. *Hilgardia* 27 no22:756-7 O '58

Esau, K. Anatomic effects of barley yellow dwarf virus and maleic hydrazide on certain gramineae. *Hilgardia* 27 no 1:67-9 S '57

Fults, J. L. and Payne, M. G. Effect of 2,4-D and maleic hydrazide on sprouting, yields and color in red McClure potatoes. *Am Potato J* 38:457-9 D '55

Gifford, E. M. Some anatomical and cytological responses of barley to maleic hydrazide. *Am J Bot* 43:78+ Ja '56

Holmes, A. D. Value of maleic hydrazide as a plant growth retardant. *Food Tech* 8:451-2 O '54

MALFORMATIONS. See Deformities**MALIC acid**

Bradbeer, J. W. and others. Malate synthesis in crassulacean leaves. *Plant Physiol* 33:69-70 Ja '58

MALINOWSKI, Bronislaw, 1884-1942

Firth, Raymond William, ed. Man and culture; an evaluation of the work of Bronislaw Malinowski. Routledge '57 p265-72

MALLARME, Stéphane, 1842-1898

Ayda, Adile. Le drame intérieur de Mallarmé; ou, L'origine des symboles mallarméens. Eds. La Turquie moderne '55 p273-85

Hayman, David. Joyce et Mallarmé. (Cahiers des Lettres modernes. Coll. Confrontations, v2) Lettres modernes '56 2v v2, p239-45

Mallarmé, Stéphane. Selected poems; tr. by C. F. MacIntyre. Univ. of Calif. press '57 p 165-9

Nardis, Luigi de. Mallarmé in Italia. (Rome [city]. Univ. Scuola di filologia moderna. Pubs. 4) Soc. editrice Dante Alighieri '57 p75-93

Ragusa, Olga. Mallarmé in Italy: literary influence and critical response. Vanni '57 p 193-220

MALLET DU PAN, Jacques, 1749-1800

Matteucci, Nicola. Jacques Mallet-du Pan. (Pubs. 9) Istituto italiano per gli studi storici in Napoli '57 p401-9

MALOCOSTRACA

See also
Amphipoda

MALORY, Sir Thomas, 15th cent

Malory, Sir Thomas. King Arthur and his knights; sel. from the works of Sir Thomas Malory; ed. with an introd. and notes by Eugène Vinaver. (Riverside eds) Houghton '56 p 163-6

MALRAUX, André, 1901-

Gannon, Edward. Honor of being a man: the world of André Malraux. (Jesuit studies; contributions to the arts and sciences by members of the Soc. of Jesus) Loyola univ. press '57 p225-33

Oeuvres d'André Malraux. Biblio 26:8-9 F '58

MALTA

Price, Charles Archibald. Malta and the Maltese; a study in nineteenth century migration. Georgian house '54 p254-63

Simpson, Donald Herbert. Malta. (Special subject lists, no 15) Lib. assn. '57 6p

MALTA. Knights of

Catholic university of America. Library. Foster Stearns collection. Catalog of the Foster Stearns collection on the Sovereign military order of St John of Jerusalem, called, of Malta; prepared by Oliver L. Kapsner. The library '55 61p

Hughes, James Quentin. Building of Malta during the period of the Knights of St John of Jerusalem, 1530-1795. (Tiranti lib) Tiranti '56 p227-34

MALTZ, Albert, 1908-

Brüning, Eberhard. Albert Maltz, ein amerikanischer arbeiterschiftsteller. Niemeyer '57 p 168-85

MAMMALS

Illinois. Natural history survey division. Fieldbook of Illinois mammals [by] Donald F. Hoffmeister [and] Carl O. Mohr. (Manual 4) Ill. Dept. of registration & education '57 p220-2

Schriftensschau. See numbers of Säugetierkundliche mitteilungen

Wetzel, R. M. Mammalian succession on mid-western floodplains. *Ecology* 39:270-1 Ap '58

See also

Carnivora
Fur bearing animals
Insectivora
Marsupials
Primates
Rodents
Ruminants

Anatomy

Honjin, R. On the ganglia and nerves of the lower respiratory tract of the mouse. *J Morphol* 95:281-2 S '54

Meyling, H. A. and Ter Borg, H. Conducting system of the heart in hoofed animals. *Cornell Vet* 47:445-7 JI '57

Reid, B. L. and Cleland, K. W. Structure and function of the epididymis. *Australian J Zool* 5:243-4 O '57

Classification

Jolicoeur, P. Multivariate geographical variation in the wolf *canis lupus* L. *Evolution* 13:298-9 S '59

Diseases and pests

Halloran, Patricia O'Connor. Bibliography of references to diseases of wild mammals and birds. (Am. journal of veterinary research, v 16, pt2) Am. veterinary medical assn. '55 465p

See also

Parasites—Mammals

Ecology

Taber, R. D. Uses of marking animals in ecological studies: marking of mammals; standard methods and new developments. *Ecology* 37:634-5 O '56

Tyndale-Biscoe, C. H. Observations on the reproduction and ecology of the brush-tailed possum, *trichosurus vulpecula* Kerr (marsupialia) in New Zealand. *Australian J Zool* 3:183-4 Je '55

Embryology

See Embryology—Mammals

Alaska

Bee, James W. and Hall, Eugene Raymond. Mammals of northern Alaska on the Arctic slope. (Misc. pub. no8) Museum of natural history, Univ. of Kan. '56 p297-309

Arctic regions

Clarke, C. H. D. Wildlife research in the North American Arctic. *Arctic* 7 no 3:263-5 '54

Hanson, Harold Carsten, and others. Geography, birds, and mammals of the Perry River region. (Special pub. no3) Arctic inst. of North Am. '56 p93-6

Canada

Cameron, Austin W. Guide to eastern Canadian mammals. Nat. museum of Canada '56 p65-7

Manning, Thomas Henry. Northern red-backed mouse, *clethrionomys rutilus* (Pallas) in Canada. (Bul. no 144) Nat. museum of Canada '56 p58-60

Great Lakes region

Burt, William Henry. Mammals of the Great Lakes region. Univ. of Mich. press '57 p226-36

North America

Cockrum, E. Lendell. Laboratory manual of mammalogy. Burgess, '55 p 140-56

Hall, Eugene Raymond, and Kelson, Keith R. Mammals of North America. Ronald '59 2v v2, p 1049-78

Layne, J. N. Notes on mammals of southern Illinois. *Am Midl Natur* 60:253-4 JI '58

Sealand, J. A. Provisional checklist and key to the mammals of Arkansas (with annotations) *Am Midl Natur* 56:295-6 O '56

Shetland

Venables, L. S. V. and Venables, Ursula M. Birds and mammals of Shetland. Oliver '55 p 373-85

MAMMALS, Fossil

- Dorr, J. A. Anceney local mammal fauna, latest miocene, Madison Valley formation, Montana. *J Paleont* 30:73-4 Ja '56
- Downs, Theodore. Mascal fauna from the miocene of Oregon. (Calif. Univ. Pubs. in geological sciences, v31, no5) Univ. of Calif. press '56 p338-43
- Gazin, Charles Lewis. Skull of the Bridger middle eocene creodont, *patriofelis ulta* Leidy. (Smithsonian misc. colls, v 134, no8) Smithsonian inst. '57 p 18-20
- Gräf, I. E. Die prinzipien der artbestimmung bei donotherium. *Palaeontographica* 103 secA nos-6:132-4 '57
- Hoffstetter, Robert. Les mammifères pléistocènes de la république de l'équateur. (Mémoires, 5th ser, v32, no 1-4; Mémoire no66) Société géologique de France '52 p377-88
- Kurtén, B. Mammal migrations, cenozoic stratigraphy, and the age of Peking man and the australopithecines. *J Paleont* 31: 227 Ja '57
- Macdonald, J. R. Middle pliocene mammalian fauna from Smiths valley, Nevada. *J Paleont* 33:887 S '59
- Matthes, H. W. Mitteleozäne säugerfauna des Geiseltales und ihre verwandtschaftlichen beziehungen. Halle Univ Z Math Naturw Reihe 7:60-1 Mr '58
- Matthew, William Diller, and Couto, Carlos de Paula. Cuban edentates. (Bul. v 117, article 1) Am. museum of natural history '59 p55-6
- Rimmer, P. Die huftiere aus dem braunkohlenmizän der Oberpfalz. *Palaeontographica* 107 secA no 1-2:59-64 '56
- Shotwell, J. A. Evolution and biogeography of the apodontid and mylagaulid rodents. *Evolution* 12:482-4 D '58
- Simpson, G. G. Mesozoic mammals and the polyphyletic origin of mammals. *Evolution* 13:413-14 S '59
- Toohey, Loren. Species of *nimravus* (carnivora, felidae) (Bul. v 118, article 2) Am. museum of natural history '59 p 110-12 annot
- White, T. E. Braincase of *camarasaurus* lentus (Marsh) *J Paleont* 32:493-4 My '58
- See also*
Equus
Hipparion
Hyracotherium
Mammoths
Mastodons
Sirenia, Fossil
- MAMMARY glands**
Nandi, Satyabrata. Hormonal control of mam-mogenesis and lactogenesis in the C₅₇H/He Crgl mouse. (Calif. Univ. Pubs. in zoology, v66, no 1) Univ. of Calif. press '59 p52-7
- Turner, C. W. and others. Experimental induction of growth of the cow's udder and the initiation of milk secretion. *J Dairy Sci* 39:1728-9 D '56
- Williams, Walter F. and Turner, Charles Wesley. Intracellular distribution of radioiodine labeled lactogenic hormone in the rabbit mammary glands. (Research bul. 598) Agricultural experiment station, Univ. of Mo. '56 p46-52

MAMMOTHS

- Aveleyra Arroyo de Anda, L. Second mam-moth and associated artifacts at Santa Isabel Iztapan, Mexico. *Am Antiq* 22:27-8 Jl '56

MAN

- Berrill, Norman John. Man's emerging mind; man's progress through time: trees, ice, flood, atoms and the universe. Dodd '55 p303-4
- Hallowell, A. I. Structural and functional dimensions of a human existence. *Q R Biol* 31:99-101 Je '56
- Hill, William Charles Osman. Man as an animal. (Hutchinson univ. lib: Biological sciences) Rinehart '57 p 167-71
- See also*
Anthropology
Anthropometry
History
Human nature
Philosophical anthropology

Attitude and movement

See also

Posture

Food habits

See Food preferences

Influence of climate

- Aubert de La Rüe, Edgar. Man and the winds; tr. by Madge E. Thompson. Philosophical lib. '55 p 197-200

Influence of environment

- Baker, P. T. Biological adaptation of man to hot deserts. *Am Natur* 92:353-4 N '58
- Illinois. University. Physical environment unit. Controlled atmospheric environment in relation to people, animals and plants; a list of pubs. by staff members of the Univ. of Ill. and the State natural history survey division. The university '57 43p
- Missenard, André. In search of man; tr. from the French by Lawrence G. Blochman. Hawthorn bks. '57 p321-6 annot
- United Nations educational, scientific and cultural organization. Human and animal ecology; reviews of research. *Ecologie humaine et animale; compte rendu de recherches*. (Arid zone research, 8) UNESCO '57 244p

See also

- Altitude, Influence of
Religion and geography

Migrations

- Populations index. School of public affairs. Princeton univ. *See numbers*

Origin and antiquity

- Dobzhansky, Theodosius Grigorievich. Evolution, genetics, and man. Wiley '55 incl bibliog annot
- Montagu, A. Time, morphology, and neoteny in the evolution of man. *Am Anthropol* 57: 24-7 F '55
- Sahni, Mukl Raj. Man in evolution. Orient Longmans '52 p259-66
- Singer, R. Evolution and man. *Antiquity* 31: 197-8 D '57

Parasites

See Parasites—Man

MAN (theology)

- Burghardt, Walter J. Image of God in man. according to Cyril of Alexandria. (Catholic univ. of Am. Studies in Christian antiquity, no 14) Catholic univ. of Am. press '57 p xiii-xv
- Crouzel, Henri. Théologie de l'image de Dieu chez Origène. (Théologie, 34) Aubier '56 p 16-29
- Henry, Antoine M. ed. Man and his happiness, by a group of theologians; tr. by Charles Miltner. (Theology lib. v3) Fides '56 incl bibliog
- Mascall, Eric Lionel. Importance of being human; some aspects of the Christian doctrine of man. (Bampton lectures in Am, no 11) Columbia univ. press '58 p 115-18

MAN, Prehistoric

- American school of prehistoric research. Old World bibliography; recent pubs. mainly in Old World palaeolithic archeology and palaeo-anthropology, no3[8] The school '50-'55 6v
- Barloewen, Wolf Dietrich von, ed. Abriss der vorgeschichte, bearb. von Karl J. Narr [et al] (Oldenbourg's Abriss der weltgeschichte) Oldenbourg '57 incl bibliog
- Bibliographia. *See numbers of Anthropos*
- Bibliographie annuelle de l'âge de la pierre taillée (paléolithique et mésolithique) 1955-1956[1957] (No. 1-2) Bur. de recherches géologiques, géophysiques, & minières. Service d'information géologique '58-'59 2v
- Bulletin bibliographique. *See numbers of Anthropologie*
- Dart, Raymond A. and Dennis, Craig. Adventures with the missing link. Harper '59 p245-8
- Dart, R. A. Myth of the bone-accumulating hyena. *Am Anthropol* 58:61-2 F '56
- Gottardi, G. and others. La determinazione roentgenografica del contenuto in fluoro dell'apatite delle ossa fossili. *R Sci Preistoriche* 12 no 1-2:35-7 '57
- James, Edwin Oliver. Prehistoric religion; a study in prehistoric archaeology. (Bks. that matter) Praeger '57 p285-90
- Mouvement scientifique. *See numbers of Anthropologie*
- Palumbo, G. Inventario della pietrefitte salentine. *R Sci Preistoriche* 10 no 1-4:144-6 '55

MAN, Prehistoric—Continued

- Periodica. See numbers of *Anthropos*
Publications récentes. See numbers of
Anthropos
Sahni, Mukl Raj. Man in evolution. Orient
Longmans '52 p259-66
Tobias, P. V. Physical anthropology and so-
matic origins of the Hottentots. African
Stud 14 no 1:14-15 '55

See also

- Archeology
Bronze age
Hallstatt period
Implements, utensils, etc.—Prehistoric period
Megalithic monuments
Stone age

Basque provinces

- Barandiarán, José Miguel de. El hombre pre-
histórico en el país vasco; dibujos del
autor; varios gráficos fueron adaptados
para la presente ed. por Kermán Ortiz de
Zárate. (Biblioteca de cultura vasca, 42)
Editorial Vasca Ekin '53 p253-63

Egypt

- Howell, F. C. Upper Pleistocene stratigraphy
and early man in the Levant. *Am Philos*
Soc Proc 103:43-8 F '59

Europe

- Hibben, Frank Cummings. Prehistoric man in
Europe. Univ. of Okla. press '58 p304-6

Italy

- Parenti, R. Ossa umane provenienti da un
deposito dell'età del bronzo in località Gal-
leriaie. *R Sci Preistoriche* 9 no 1-2:75-7 '54

North America

- Daugherty, Richard Deo. Early man in the
Columbia intermontane province. (*Anthro-
pological papers*, no24) Dept. of anthropol-
ogy. Univ. of Utah '56 p 103-23

- Mayer-Oakes, W. J. Relationship between
Plains early hunter and eastern archaic.
Wash Acad Sci J 49:155-6 My '59

- Ritchie, William Augustus. Traces of early
man in the Northeast. (N.Y. State museum.
Bul. no358) Univ. of the state of N.Y. '57
p 18-22

- Wendorf, Fred, and others. Midland discov-
ery; a rep. on the pleistocene human re-
mains from Midland, Texas. Univ. of Tex.
press '55 p 133-6

- Wormington, Hannah Marie. Ancient man in
North America. 4th rev ed (Popular ser.,
no4) Denver museum of natural history '57
p281-309

Sudan

- Mukherjee, Ramkrishna, and others. Ancient
inhabitants of Jebel Moya (Sudan) with
apps. by Frank Addison and the authors.
(Cambridge. Univ. Museum of archaeology
and ethnology. Occasional pubs, 3) Cam-
bridge '55 p 120-3

Yugoslavia

- Korosec, J. Scavi e ricerche preistoriche in
Jugoslavia dal 1950 al 1953. *R Sci Preisto-
riche* 8 no3-4:146-51 '53

MAN power. See Manpower**MANAGEMENT**

- Abstracts. See numbers of *Administrative*
science quarterly

- Davies, Daniel R. and Livingston, Robert Te-
vot. You and management. Harper '58 p239-
64 annot

- Koontz, Harold Dayton, and O'Donnell, Cyril.
Principles of management; an analysis of
managerial functions. McGraw '55 incl bib-
liog

- Owen, William Vern. Modern management;
its nature and functions. Ronald '58 incl
bibliog

See also

- Business management
Efficiency, Industrial
Factory management
Industrial management
Office management
Organization

**MANAGEMENT engineers. See Industrial en-
gineers****MANAGEMENT games**

- Greene, Jay R. and Sisson, Roger L.
Dynamic management decision games, in-
cluding seven noncomputer games. Wiley
'59 p84

MANCHESTER, England

- Read, Donald. Peterloo: the massacre and its
background. Manchester univ. press '58
p224-30

MANDATES

- Chowdhuri, Ramendra Nath. International
mandates and trusteeship systems; a com-
parative study; with foreword by A. J. P.
Tammes. Nijhoff '55 p310-19

MANET, Edouard, 1832-1883

- Bataille, Georges. Manet; biographical and
critical study; tr. by Austryn Wainhouse
and James Emmons. (Taste of our time,
v 14) Skira '55? p 125-7

MANGANESE

- Bhimasankaram, V. L. S. and Rao, B. S. R.
Manganese ore of south India and its mag-
netic properties. *Geophys Prosp* 6:23-4 Mr
'58

- Hoffman, John Nathan. Manganese; its min-
erals, deposits and uses. (Circ. no49) Min-
eral industries experiment station, Pa. state
univ. '57 p68-126

- Same. rev ed (Circ. no49) Mineral indus-
tries experiment station, Pa. state univ
'58 p64-116

- Krauskopf, K. B. Separation of manganese
from iron in sedimentary processes. *Geo-
chimica & Cosmochimica Acta* 12 no 1-2:
82-4 '57

- Lee, Donald Edward. Mineralogy of some
Japanese manganese ores. (Stanford univ.
Pubs. Univ. ser: Geological sciences, v5)
Stanford univ. press '55 p62-4

- Williamson, D. R. Manganese in the weather-
ing zone. *Colo Sch Mines Mineral Ind Bul*
2:10-12 My '59

See also

- Plants. Effect of manganese on

MANGANESE ores

- International geological congress. 20th,
Mexico, 1956. Symposium sobre yacimientos
de manganeso; ed. por Jenaro González
Reyna. The congress '56 5v incl bibliog

MANGANESE poisoning

- Kesic, B. and Häusler, V. Hematological in-
vestigation on workers exposed to manga-
nese dust. *AMA Archives Ind Health* 10:
341-3 O '54

MANGANESE steel

- Hadfields, limited. Manganese steel. Oliver
'56 p 115-22

MANGO

- Gangolly, Shivashanker Rao, and others. Man-
go; ed: Prem Nath; foreword by Ajit
Prasad Jain. Indian council of agricultural
research '57 p518-25

MANIC depressive psychoses

- Kraines, Samuel Henry. Mental depressions
and their treatment. Macmillan '57 incl
bibliog

- Stanstedt, Ake. Study in manic-depressive
psychosis; clinical, social and genetic in-
vestigations. (Sup 79) *Acta psychiatrica et*
neurologica scandinavica '52 p 109-11

MANICHAEISM

- Augustine, Saint. De natura boni; a tr. with
an introd. and commentary, by A. Anthony
Moon. (Catholic univ. of Am. Patristic
studies, v88) Catholic univ. of Am. press
'55 p xl-xvii

MANIFOLDS (mathematics) See Aggregates**MANILA hemp**

- Umali, D. L. and Brewbaker, J. L. Abaca
and its improvement. *Philippine Ag* 11:229-
30 O '56

MANIOC. See Cassava**MANN, Thomas, 1875-1955**

- Germany (Democratic Republic, 1949-) Zen-
tralinstitut für bibliothekswesen. Thomas
Mann, leben und werk. The institute '55
23p

- Hatfield, H. Recent studies of Thomas Mann.
Mod Lang R 51:390-403 Jl '56 annot

- Heller, Erich. Ironie German; a study of
Thomas Mann. Little '58 p286-8

- Hirschbach, Frank Donald. Arrow and the
lyre; a study of the role of love in the
works of Thomas Mann. (Int. scholars fo-
rum, a ser. of bks. by Am. scholars, 1)
Nijhoff '55 p 191-5

- Kafka, Vladimír. Thomas Mann, 1875- 1955;
posmrtná bibliografie spisovatelova díla.
(Pokusné metodické materiály pro práci
s knihou. Bibliografický materiál, no9)
Výzkumný osvětový ústav '56 23p

- Mann, Thomas. Last essays; tr. from the
German by Richard Winston [and others]
Knopf '59 p212-16

- Nicholls, Roger Archibald. Nietzsche in the
early work of Thomas Mann. (Calif. Univ.
Pubs. in modern philology, 45) Univ. of
Calif. press '55 p 117-19

MANNERS and customs

Keesing, Felix Maxwell. Cultural anthropology; the science of custom. Rinehart '58 p433-56

See also

Clothing and dress
Costume
Courtship
Etiquet
Fairs
Holidays
Marriage customs and rites
Rites and ceremonies
Taboo
Tattooing

MANPOWER

Princeton university. Industrial relations section. Manpower problems in economic development; a sel. bibliog. prepared by Keith Simpson and Hazel C. Benjamin. (Bibliog. ser. no85) The section '58 93p

See also

Labor supply

China

United States. Bureau of the census. Population and manpower of China; an annot. bibliography. (Int. population reps. Ser. P-90, no8) The bureau '58 132p

United States

Ginzberg, Eli, and others. Ineffective soldier; lessons for management and the nation; with a foreword by Howard McC. Snyder. Columbia univ. press '59 3v v 1, p213-20; v2, p277-9; v3, p329-34

MANSION, Auguste

Autour d'Aristote; recueil d'études de philosophie ancienne et médiévale offert à Monseigneur A. Mansion. (Bibliothèque philosophique de Louvain, 16) Pubs. universitaires de Louvain '55 p41-4

MANTEGNA, Andrea, 1431-1506

Mantegna, Andrea. Paintings, drawings, engravings; complete ed. by E. Tietze-Conrat. Phaidon '55 p251-2

MANUEL, Niklaus, 1484?-1530

Beerli, Conrad André. Le peintre poète Nicolas Manuel et l'évolution sociale de son temps. Droz '53 p350-4

MANURES. See Fertilizers and manures**MANUSCRIPTS**

Hachette, André. Collection André Hachette: manuscrits du XII^e au XVI^e siècle, miniatures, imprimés des XV^e et XVI^e siècles, riches reliures armoriées. Librairie Giraud-Badin '53 39p

Pease, Marguerite (Jenison). Guide to manuscript materials relating to western history in foreign depositories reproduced for the Illinois historical survey, rev ed. (Pub. no5) Ill. historical survey, Univ. of Ill. '56 112p

Turyn, Alexander. Byzantine manuscript tradition of the tragedies of Euripides. (Ill. studies in language and literature, v43) Univ. of Ill. press '57 p3-9

Writings on archives, current records and historical manuscripts, June 1954-May 1955 [June 1957-May 1958] Am Archiviste 18:348-76; 19:337-69; 21:6-94, 195-208; 22:83-104, 217-26 O '55, O '56, Ja-Apr '58, Ja-Apr '59

See also

Dead Sea scrolls
History—Manuscripts
Illumination of books and manuscripts
Maps—Manuscripts
Music—Manuscripts
Paleography

Conservation and restoration

Gallo, F. Gli agenti biologici nemici delle biblioteche e degli archivi. Ist Patologia Libro Boll 16:193-9 Jl '57

Austria

Kern, Anton. Die handschriften der universitätsbibliothek Graz. (Handschriftenverzeichnisse österreichischer bibliotheken. Steiermark 2) Österreichische staatsdruckerei '56 412p

Kraft, Walter Carl. Codices vindobonenses hispanici; a catalog of the Spanish, Portuguese, and Catalan mss. in the Austrian nat. lib. in Vienna. (Bibliog. ser. no4) Ore. State college '57 64p

Vienna. Nationalbibliothek. Das älteste handschriftenverzeichnis der Wiener hofbibliothek von Hugo Blotius. 1576; kritische ausgabe der Handschriften Series nova 4451 vom jahre 1597 mit 4 anhängen, von Hermann Menhardt. (Österreichische akad. der wissenschaften. Philosophisch-historische klasse. Denkschriften, v76) Rohrer '57 132p

Vienna. Nationalbibliothek. Inventar der illuminierten handschriften, inkunabeln und frühdrucke der österreichischen nationalbibliothek, von Franz Unterkircher. (Museum, neue folge, reihe 2; Allgemeine veröffentlichungen, v 2) Prachner '57-'59 2v

Vienna. Nationalbibliothek. Katalog der griechischen handschriften der österreichischen nationalbibliothek; Supplementum graecum von Herbert Hunger. (Bibloschriften, v 15) Verlag Notring der wissenschaftlichen verbände Österreichs '57 164p

Vienna. Nationalbibliothek. Die papyrussammlung der österreichischen nationalbibliothek, mit einem katalog der ständigen ausstellung von Herbert Klos. (Bibloschriften, v9) Vereinigung österreichischer bibliothekare '55 31p

Belgium

Ghent. Université. Bibliothèque. Censur van de handschriften. The library '55 1v

Brazil

Rio de Janeiro. Biblioteca nacional. Catálogo de manuscritos sobre o Paraná existentes na Biblioteca nacional. Divisão de obras raras e publicações '53 48p

California

California. University. Bancroft library. Guides to the manuscript collections. The library '53 264p

Canada

Brome County historical society, Knowlton, Quebec. Collections of the Brome County historical society; preliminary inventory; comp. by Homer A. Mitchell. Public archives of Canada '54 99p

Canada. Public archives. Preliminary inventory, manuscript group 21; transcripts from papers in the British museum. The archives '55 31p

Czechoslovakia

Dokoupil, V. Soupis rukopisů knihovny Augustiniánů na St. Brně. (Soupis rukopisných fondů Univ. knihovny v Brně, 1) Státní pedagog. nakl. '57 142p

France

Grenoble. Bibliothèque municipale. Exposition des plus beaux manuscrits de la Bibliothèque, fonds ancien et nouvelles acquisitions, par Pierre Vaillant. Allier '56 26p

Jouanne, René. Répertoire des manuscrits de la Bibliothèque de Fiers. The author '54 18p

Paris. Bibliothèque nationale. Les manuscrits à peintures en France du VII^e au XII^e siècle. 2d ed rev & corr The library '54 138p

Paris. Bibliothèque nationale. Les manuscrits à peintures en France du XIII^e au XVI^e siècle; préf. d'André Malraux. The library '55 190p

Thorndike, L. Notes on some astronomical, astrological and mathematical manuscripts of the Bibliothèque nationale. Paris. Warburg & Courtauld Inst J 20:112-72 Ja '57 annot

Vajda, Georges. Index général des manuscrits arabes musulmans de la Bibliothèque nationale de Paris. (France. Inst. de recherche et d'histoire des textes. Pubs, 4) Editions du Centre national de la recherche scientifique '53 743p

Germany

Meiszahl, Richard O. Die tibetischen handschriften und drucke des Lindenmuseums in Stuttgart. (Tribus; zeitschrift für ethnologie und ihre nachbarwissenschaften, new ser. v7) Stuttgart. Museum für länder- & volkskunde '57 166p

MANUSCRIPTS—Continued

Great Britain

British museum. Department of Oriental printed books and manuscripts. Descriptive catalogue of the Chinese manuscripts from Tunhuang, by Lionel Giles. The museum '57 334p

Great Britain. India office. Library. Catalogue of the Gujarati & Rajasthani manuscripts in the India office library, by James Fuller Blumhardt; rev. & enl. by Alfred Master. Oxford '54 167p

Historical manuscripts. See numbers of London. University. Institute of historical research. Bulletin

Lambeth palace. Library. New world; a catalogue of an exhibition of bks, maps, mss, and docs. held at the Library between 1 May and 1 Dec. 1957, together with transcripts of five unpub. docs. in the lib. relating to the early history of the Am. continent. The library '57 94p

Munby, Alan Noel Latimer. Formation of the Philipps library from 1841 to 1872; with an account of the Philipps art colls. by A. E. Popham. (Philipps studies, no4) Cambridge '56 p 172-211

Oxford. University. St John's college. Summary catalogue of manuscripts 213-305 [i.e. 310] being a supplement to Cox's catalogue of 1852 [by H. M. Colvin] The college '56 34p

Sheffield, England. Free public libraries and museum. Guide to the manuscript collections in the Sheffield city libraries; prepared by R. Meredith. The libraries '56 115p

Taylor, Frank. Hand-list of the Bagshawe muniments deposited in the John Rylands library. John Rylands lib. '55 143p

United States. Library of Congress. Processing department. British manuscripts project; a checklist of the microfilms prepared in England and Wales for the Am. council of learned socs, 1941-1945; comp. by Lester K. Born. The library '55 179p

Bibliography

British museum. Catalogues of the oriental printed books and manuscripts [by F. C. Francis] rev. & enl. ed (Catalogues of the British museum ser, no3) The museum '59 15p

Greece

United States. Library of Congress. Photoduplication service. Descriptive checklist of selected manuscripts in the monasteries of Mount Athos; microfilmed for the Lib. and the Int. Greek New Testament project, 1952-53; comp [by] Ernest W. Saunders. The library '57 36p annot

Ireland

Beatty, Alfred Chester. Catalogue of the Armenian manuscripts with an introduction on the history of Armenian art by Sirarpie der Nersessian. Hodges '53 [i.e. '59] 2v

Beatty, Alfred Chester. Catalogue of the Persian manuscripts and miniatures; v 1. Mss. 101-150, by A. J. Arberry [and others] ed. by J. V. S. Wilkinson. Hodges '59 89p

Beatty, Alfred Chester. Catalogue of the Turkish manuscripts and miniatures by V. Minorsky; with an introd. by J. V. S. Wilkinson. Hodges '58 145p

Beatty, Alfred Chester. Handlist of the Arabic manuscripts. by Arthur J. Arberry. Walker '55-'59 4v

Italy

Becherini, Bianca. Catalogo dei manoscritti musicali della Biblioteca nazionale di Firenze. The author '59 320p

Florence. Mostra di codici romanzini delle biblioteche fiorentine, 1956. Mostra di codici romanzini delle biblioteche fiorentine. Sansoni '57 incl bibliog

Gullotta, Giuseppe. Gli antichi cataloghi e i codici della Abbazia di Nonantola. (Studi e testi, 182) Biblioteca apostolica vaticana '55 539p

Ruysschaert, José. Les manuscrits de l'abbaye de Nonantola; table de concordance annotée et index des manuscrits. (Studi e testi, 182 bis) Biblioteca apostolica vaticana '55 76p

Silverstein, Theodore. Medieval Latin scientific writings in the Barberini collection; a provisional catalogue. Univ. of Chicago press '57 147p

Morocco

Rabat, Morocco. Bibliothèque et archives du Protectorat français au Maroc. Catalogue des manuscrits arabes de Rabat; deuxième sér, (1921-1953) pub. par I. S. Allouche et A. Regragui. (Rabat, Morocco. Inst. des hautes études marocaines. Pubs, v58) Lib. orientale & américaine '54 p4-7 of Arabic introd.

New Zealand

Taylor, David M. Oldest manuscripts in New Zealand. (Educational research ser, no36) New Zealand council for educational research '55 p207-14

Poland

Aland, Kurt. Die handschriftenbestände der polnischen bibliotheken, insbesondere an griechischen und lateinischen handschriften von autoren und werken der klassischen bis zum ende der patristischen zeit; ein vorläufiger bericht auf grund einer studienreise im Nov/Dez. 1955. (Akademie der wissenschaften, Berlin. Sektion für altertumswissenschaft. Schriften, 7) Akademie-verlag '56 66p

Kraków. Uniwersytet Jagielloński. Biblioteka. Rekopisy i pierwodruki iluminowane Biblioteki Jagiellońskiej. Zakład narodowy im. Ossolińskich '58 233p

Portugal

Machado Santos, Mariana Amelia. Manuscritos de filosofia de século XVI existentes em Lisboa. Biblioteca da Univ. de Coimbra '51 384p

Rau, Virginia, and Silva, Maria Fernanda Gomes da, eds. Os manuscritos do arquivo da casa de Cadaval respeitantes ao Brasil. (Acta) Coimbra. Univ. '55 540p

Sinaitic peninsula

Atiya, Aziz Suryal. Arabic manuscripts of Mount Sinai; a handlist of the Arabic mss. and scrolls microfilmed at the lib. of the Monastery of St Catherine, Mount Sinai; foreword by W. Phillips. (Am foundation for the study of man. Pubs, v 1) Johns Hopkins press '55 97p

Spain

Domínguez Bordona, J. Manuscritos de la Biblioteca pública de Tarragona; inventario general. Bol Arqueol 53/54:60-75 Ja '53

Tudela, José. Los manuscritos de América en las bibliotecas de España. Ed. Cultura hispánica '54 586p

Sweden

Västerås, Sweden. Stifts- och landsbiblioteket. Slavica arosiensia; katalog över ryska, polska och tjeckiska handskrifter och tryck från 1500-, 1600- och 1700-talen i Stifts- och landsbiblioteket (tidigare Stifts- och gymnasiebiblioteket) i Västerås, av E. Gawryś och P. Jansson. The library '56 32p

Switzerland

Stelling-Michaud, Sven. Catalogue des manuscrits juridiques (droit canon et droit romain) de la fin du XII^e au XIV^e siècle conservés en Suisse. (Travaux d'humanisme et renaissance, 11) Droz '54 p 108-12

Syria

Khalife, I. A. Catalogue raisonné des manuscrits de la Bibliothèque orientale de l'Université Saint Joseph; seconde série. Mélanges Univ Saint Joseph 29 no4:103-286; 31 no3:99-261; 34 no 1:3-199 '51-'52, '54, '57

United States

California. University. University at Los Angeles. William Andrews Clark memorial library. Oscar Wilde and his literary circle; a catalog of mss. and letters; comp. by John Charles Finzi. Univ. of Calif. press '57 xxxiv [242] p

Colonial Williamsburg, inc. Guide to the manuscript collections of colonial Williamsburg; comp. by Lynette Adcock. The society '54 58p

Columbia university. Libraries. Manuscript collections in the Libraries; a descriptive list. The libraries '59 104p

Glazier, William S. Manuscripts from the William S. Glazier collection, comp. by John Plummer. Pierpont Morgan lib. '59 34p

MANUSCRIPTS—United States—Continued

Kaser, David, and Kaser, Jane. Washington university manuscripts; a descriptive guide. (Lib. studies, no4) Wash. univ. St Louis '58 44p annot

Kentucky historical society. Guide to the manuscripts of the Kentucky historical society [by] G. Glenn Clift. The society '51 185p

New Jersey historical society. Guide to the manuscripts collection of the Society, by Fred Shelley. (Colls, no 11) The society '57 84p

Patterson, J. E. Checklist of Prescott manuscripts. Hispan Am Hist R 39:116-28 F '59

Patterson, J. E. Manuscripts relating to Peru in the Yale university library [bibliographical article] Hispan Am Hist R 36:243-62 My '56

Pease, Marguerite (Jenison). Guide to manuscript materials of American origin in the Illinois historical survey, rev ed (Pub. no6) Ill. historical survey, Univ. of Ill. '56 115p

Pierpont Morgan library. Central European manuscripts in the Library; comp. by Meta Harrsen. (Mediaeval and renaissance mss) The library '58 86p

Stampp, Kenneth Milton. Peculiar institution; slavery in the ante-bellum South. Knopf '56 p431-6

United States. Naval academy, Annapolis. Museum. Catalogue of manuscripts. The museum '57 np

Williams, S. G. R. G. Conway collection in the Library of Congress: a checklist. Hispan Am Hist R 35:386-97 Ag '55 annot

Wisconsin. State historical society. Guide to the manuscripts of the Society; sup. no 1, by Josephine L. Harper and Sharon C. Smith. The society '57 222p annot

Yale university. Library. Arabic manuscripts in the Yale university library, comp. by Leon Nemoj. (Transactions, v40.) Conn. acad. of arts & sciences '56 273p

Wales

Wales. National library, Aberystwyth. Handlist of manuscripts in the National library of Wales, pts 15-19. (Journal sups, ser2, no 15-19) The library '54-'59 5v

West Virginia

West Virginia. University. Library. West Virginia collection. Guide to manuscripts and archives in the Collection, by Charles Shetler. (W.Va. Univ. Bul, ser59, no 10-1) The library '58 160p

Yugoslavia

Mošin, Vladimir. Čirilski rukopisi Jugoslavenske akademije. Historijski inst, Jugoslavenska akad. znanosti i umjetnosti '52-'55 2v

MANUSCRIPTS (papyri)

Bulletin papyrologique, 1952[1953] (No26-27) R Etudes Grecques 67:411-500; 70:133-223 Jl '54, Ja '57

Vienna. Nationalbibliothek. Die papyrusammlung der österreichischen nationalbibliothek, mit einem katalog der ständigen ausstellung von Herbert Klos. (Bibloschriften, v9) Vereinigung österreichischer bibliothekare '55 31p

See also

Manuscripts, Arabic (papyri)

Manuscripts, Latin (papyri)

MANUSCRIPTS, Anglo-Saxon

Ker, Neil Ripley. Catalogue of manuscripts containing Anglo-Saxon. Oxford '57 567p

MANUSCRIPTS, Arabic

Atiya, Aziz Suryal. Arabic manuscripts of Mount Sinai; a handlist of the Arabic mss. and scrolls microfilmed at the lib. of the Monastery of St Catherine, Mount Sinai foreword by W. Phillips. (Am foundation for the study of man. Pubs, v 1) Johns Hopkins press '55 97p

Beatty, Alfred Chester. Handlist of the Arabic manuscripts, by Arthur J. Arberry. Walker '55-'59 4v

Rabat, Morocco. Bibliothèque et archives du Protectorat français au Maroc. Catalogue des manuscrits arabes de Rabat; deuxième sér. (1921-1953) pub. par I. S. Allouche et A. Regragui. (Rabat, Morocco. Inst. des hautes études marocaines. Pubs, v58) Lib. orientale & américaine '54, p4-7 of Arabic introd.

Vajda, Georges. Index général des manuscrits arabes musulmans de la Bibliothèque nationale de Paris. (France. Inst. de recherche et d'histoire des textes. Pubs, 4) Editions du Centre national de la recherche scientifique '53 743p

Yale university. Library. Arabic manuscripts in the Yale university library, comp. by Leon Nemoj. (Transactions, v40) Conn. acad. of arts & sciences '56 273p

MANUSCRIPTS, Arabic (papyri)

Grohmann, Adolf. Einführung und chrestomathie zur arabischen papyrskunde. (Archiv orientální, Monografie, v 13) Státní pedagogické nakl. '54 p iv-viii

MANUSCRIPTS, Armenian

Beatty, Alfred Chester. Catalogue of the Armenian manuscripts with an introduction on the history of Armenian art by Sirarpie der Nersessian. Hodges '58 [i.e. '59] 2v

Kansas. University. Libraries. Armenian manuscripts; an exhibition. The libraries '55 16p

MANUSCRIPTS, Catalan

Kraft, Walter Carl. Codices vindobonenses hispanici; a catalog of the Spanish, Portuguese, and Catalan mss. in the Austrian nat. lib. in Vienna. (Bibliog. ser, no4) Ore. State college '57 64p

MANUSCRIPTS, Chinese

British museum. Department of Oriental printed books and manuscripts. Descriptive catalogue of the Chinese manuscripts from Tunhuang, by Lionel Giles. The museum '57 334p

MANUSCRIPTS, Cyrillic

Mošin, Vladimir. Čirilski rukopisi Jugoslavenske akademije. Historijski inst, Jugoslavenska akad. znanosti i umjetnosti '52-'55 2v

MANUSCRIPTS, Georgian

Garitte, Gérard. Catalogue des manuscrits géorgiens littéraires du Mont Sinai. (Corpus scriptorum christianorum orientaliū, v 165. Subsidia, v9) Durbeq '56 322p

MANUSCRIPTS, Greek

Aland, Kurt. Die handschriftenbestände der polnischen bibliotheken, insbesondere an griechischen und lateinischen handschriften von autoren und werken der klassischen bis zum ende der patristischen zeit; ein vorläufiger bericht auf grund einer studienreise im Nov/Dez. 1955. (Akad. der wissenschaften, Berlin. Sektion für altertumswissenschaft. Schriften. 7) Akademie-verlag '56 66p

Laurent, V. Bulletin critique. Catalogue de manuscrits grecs et histoire des textes. R Etud Byzantines 14:217-39 '56

Vienna. Nationalbibliothek. Katalog der griechischen handschriften der österreichischen nationalbibliothek; Supplementum graecum, von Herbert Hunger. (Bibloschriften, v 15) Verlag Notring der wissenschaftlichen verbände Österreichs '57 164p

MANUSCRIPTS, Gujarati

Great Britain. India office. Library. Catalogue of the Gujarati & Rajasthani manuscripts in the India office library, by James Fuller Blumhardt; rev. & enl. by Alfred Master. Oxford '54 167p

MANUSCRIPTS, Hebrew

John Rylands library, Manchester. Catalogue of an exhibition of Hebrew manuscripts and printed books, together with other items of Jewish interest, 1958. The library '58 28p

MANUSCRIPTS, Illuminated. See Illumination of books and manuscripts**MANUSCRIPTS, Latin**

Aland, Kurt. Die handschriftenbestände der polnischen bibliotheken, insbesondere an griechischen und lateinischen handschriften von autoren und werken der klassischen bis zum ende der patristischen zeit; ein vorläufiger bericht auf grund einer studienreise im Nov/Dez. 1955. (Akademie der wissenschaften, Berlin. Sektion für altertumswissenschaft. Schriften. 7) Akademie-verlag '56 66p

Beccaria, Augusto. I codici di medicina del periodo presalarnitano (secoli IX, X e XI) (Storia e letteratura, 53) Ed. Storia e letteratura '56 p94-102

Silverstein, Theodore. Medieval Latin scientific writings in the Barberini collection; a provisional catalogue. Univ. of Chicago press '57 147p

MANUSCRIPTS, Latin—*Continued*

Thorndike, L. Notes on some astronomical, astrological, and mathematical manuscripts of the Bibliothèque nationale, Paris. Warburg & Courtauld Inst J 20:112-72 Ja '57 annot

MANUSCRIPTS, Latin (papyri)

Tjäder, Jan Olof. Die nichtliterarischen lateinischen papyri Italiens aus der zeit 445-700. (Svenska institutet i Rom, Skrifter, ser 1, v 19, no 1) Gleerup '55 p480-504

MANUSCRIPTS, Medieval

Thorndike, L. Notes on some astronomical, astrological, and mathematical manuscripts of the Bibliothèque Nationale, Paris. Warburg & Courtauld Inst J 20:112-72 Ja '57 annot

MANUSCRIPTS, Mexican

Alcina Franch, J. Fuentes indígenas de México; ensayo de sistematización bibliográfica. R Indias 15:511-21 Ji '55

Burland, Cottie Arthur. Selden roll; an ancient Mexican picture ms. in the Bodleian lib. at Oxford; descriptive commentary [bibliog. by Gerdt Kutscher] (Monumenta americana, 2) Gebr. Mann '55 p43-51

Lima, Oswaldo Gonçalves de. El maguey y el pulque en los códices mexicanos. Fondo de cultura económica '56 p245-59

MANUSCRIPTS, Oriental

Khalife, I. A. Catalogue raisonné des manuscrits de la Bibliothèque orientale de l'Université Saint Joseph; seconde série. Mélanges Univ Saint Joseph 29 no4:103-286; 31 no3:99-261; 34 no 1:3-199 '51-'52, 54, '57

Bibliography

British museum. Catalogues of the oriental printed books and manuscripts [by F. C. Francis] rev & enl ed (Catalogues of the British museum ser, no3) The museum '59 15p

MANUSCRIPTS, Persian

Beatty, Alfred Chester. Catalogue of the Persian manuscripts and miniatures; v 1. Mss. 101-150, by A. J. Arberry [and others] ed. by J. V. S. Wilkinson. Hodges '59 89p

Bibliography

Afshar, Iraj. Bibliographie des catalogues des manuscrits persans. (Pubs. no485) Univ. de Téhéran '58 104p

Sharifi, Nasser. Cataloging of Persian works; incl. rules for transliteration, entry, and description. A.L.A. '59 p 127-35

MANUSCRIPTS, Peruvian

Patterson, J. E. Manuscripts relating to Peru in the Yale university library [bibliographical article] Hispan Am Hist R 36:243-62 My '56

MANUSCRIPTS, Portuguese

Kraft, Walter Carl. Codices vindobonenses hispanici; a catalog of the Spanish, Portuguese, and Catalan mss. in the Austrian nat. lib. in Vienna. (Bibliog. ser, no4) Ore. State college '57 64p

Silva Neto, Serafim. Textos medievais portugueses e seus problemas. (Coleção de estudos filológicos, 2) Casa de Rui Barbosa '56 p55-106

MANUSCRIPTS, Rajasthani

Great Britain. India office. Library. Catalogue of the Gujarati & Rajasthani manuscripts in the India office library, by James Fuller Blumhardt; rev. & enl. by Alfred Master. Oxford '54 167p

MANUSCRIPTS, Romance

Florence. Mostra di codici romanzi delle biblioteche fiorentine, 1956. Mostra di codici romanzi delle biblioteche fiorentine. Sansoni '57 incl bibliog

MANUSCRIPTS, Sanskrit

Vamśavali. History of Nepal; tr. from Parbatiya by Munshi Shew Shunker Singh and Pandit Sri Gunanand; with an introd. sketch of the country and the people of Nepal by the ed. Daniel Wright. Priv. ptd. '58 p201-8

MANUSCRIPTS, Slavic

Västerås, Sweden. Stifts- och landsbiblioteket. Slavica arosiensia; katalog över ryska, polska och tjeckiska handskrifter och tryck från 1500-, 1600- och 1700-talen i Stifts- och landsbiblioteket (tidligare Stifts- och gymnasiebiblioteket) i Västerås, av E. Gawrýs och P. Janson. The library '56 32p

Bibliography

Djaparidzé, David. Mediaeval Slavic manuscripts; a bibliog. of ptd. catalogues; foreword by Pierre Pascal. (Pub. no64) Mediaeval acad. of Am. '57 134p

MANUSCRIPTS, Spanish

Kraft, Walter Carl. Codices vindobonenses hispanici; a catalog of the Spanish, Portuguese, and Catalan mss. in the Austrian nat. lib. in Vienna. (Bibliog. ser, no4) Ore. State college '57 64p

MANUSCRIPTS, Tibetan

Meisezahl, Richard O. Die tibetischen handschriften und drucke des Lindenmuseums in Stuttgart. (Tribus; zeitschrift für ethnologie und ihre nachbarwissenschaften, new ser, v7) Stuttgart. Museum für länder- & volkskunde '57 166p

MANUSCRIPTS, Turkish

Beatty, Alfred Chester. Catalogue of the Turkish manuscripts and miniatures by V. Minorsky; with an introd. by J. V. S. Wilkinson. Hodges '58 145p

MANZINI, Vincenzo, 1872-

Padua. Università. Facoltà di giurisprudenza. Scritti giuridici in onore di Vincenzo Mancini. CEDAM '54 p xiii-xxiv

MANZONI, Alessandro, 1785-1873

Boldrini, Bruna. La formazione del pensiero etico-storico del Manzoni. (Biblioteca sanzoniana critica, v 17) G. C. Sansoni '54 p285-97

MAORIS

Barrow, T. T. Maori decorative carving—an outline. Polynesian Soc J 65:329-31 D '56

Monberg, T. Ta'aroa in the creation myths of the Society islands. Polynesian Soc J 65: 280-1 S '56

Sinclair, Keith. Origins of the Maori wars. Cambridge '58 p279-88

Vayda, A. P. Maori conquests in relation to the New Zealand environment. Polynesian Soc J 65:210-11 S '56

Winiata, M. Leadership in pre-European Maori society. Polynesian Soc J 65:230-1 S '56

MAPLE sirup

Willits, Charles Oliver. Maple-sirup producers manual. (U.S. Dept. of agriculture. Agriculture handbk. no 134) U.S. Gov. ptg. office '58 p50-4

MAPLE sugar

Willits, Charles Oliver. Maple sirup producers manual. (U.S. Dept. of agriculture. Agriculture handbk. no 134) U.S. Gov. ptg. office '58 p50-4

MAPPING, Conformal. See Conformal mapping

MAPS

Hesse, Landesvermessungsamt. Kartenverzeichnisse der Landesvermessungsämter und des Instituts für angewandte geodäsie; sammelband. The agency '55 vp

—Same. The agency '56 1 v

Instituto bonaerense de numismática y antigüedades. Exposición de cartografía y numismática naval argentina, Salón Peuser, 6-20 de mayo de 1957. The institute '57 51p

Lee, R. J. English county maps; the identification, cataloging and physical care of a collection. (Lib. assn. pamphlet, no 13) Lib. assn. '55 p30-2

New geographical literature and maps. Royal geographical soc. See numbers

Peru. Ministerio de relaciones exteriores. Departamento de archivo y biblioteca. Catálogo de la mapoteca; del siglo XVI al siglo XX; v 1, Mapas. The department '57 1 v

United nations. Department of economic and social affairs. World cartography. 1954 [1-1955] (V4-5) The department '54-'55 2v 1954, p58-9; 1955, p51-3

United States. Department of the army. Foreign maps. (Technical manual, TM5-248) The department '56 p251-2

United States. Foreign agricultural service. List of maps and charts. The service '55 42p

United States. National archives. List of cartographic records of the Bureau of Indian affairs (Record group 75) comp. by Laura E. Kelsay. (Special list no 13) The archives '54 127p

United States. National archives. Preliminary inventory of the cartographic records of the Office of the Chief of naval operations (record group 38) comp. by Charlotte M. Ashby. (Prelim. inventories, no85) The archives '55 17p

MAPS—*Continued*

United States. National archives. Preliminary inventory of the cartographic records of the Office of the Secretary of the Interior (Record group 48) comp. by Laura E. Kelsay. (Preliminary inventories, no81) The archives '55 11p

United States. Superintendent of documents. Maps. (Price list 53, 48th ed) U.S. Gov. ptg. office '58 22p

See also

Atlases
Cartography
Charts

Cataloging

See Cataloging of maps

Conservation and restoration

United States. Library of Congress. Map division. Maps; their care, repair, and preservation in libs, by Clara Egil Le Gear. rev ed The division '56 p56-75

Manuscripts

Michigan. University. William L. Clements library. Guide to the manuscript maps in the Library; comp. by Christian Brun. The library '53 209p

Africa

Scientific council for Africa south of the Sahara. Cartographie de l'Afrique au sud du Sahara. Maps of Africa south of the Sahara. The council '53 122p

Antarctic regions

United States. Library of Congress. Map division. Selected maps and charts of Antarctica; an annot. list of maps of the South Polar regions pub. since 1945; comp. by Richard W. Stephenson. The division '59 193p

Australia

Australia. National mapping office. Map catalogue. The office '55 23p

California

Strand, Rudolph G. and others. Index to geologic maps of California to December 31, 1956. (Special rep. 52) Calif. Div. of mines '58 128p

Canada

Canada. Department of mines and technical surveys. Geographical branch. Canadian maps, 1949 to 1954[-1955-1956] (Bibliog. ser. no 16, 21) The branch '56-'58 2v

Canada. Public archives. Map division. Sixteenth-century maps relating to Canada; a check-list and bibliography. The archives '56 xxvi, 283p

Faessler, Carl. Cross-index to the maps and illustrations of the Geological survey and the Mines branch (Bureau of mines) of Canada, 1843-1946 incl. (Géologie et minéralogie. Contribution no75, v.1, pts I-III) Faculté des sciences. Univ. Laval '47 525p
—First supplement, 1946-1956. (Géologie et minéralogie. Contribution no 118) Faculté des sciences. Univ. Laval '56 193p

Wood, Harold A. List of maps and air photos depicting landforms and regions of Canada. (Canadian assn. of geographers. Education com. Bul. no 1) Dept. of geography, Hamilton college, McMaster univ. '56 27p annot

Chile

Medina, José Toribio. Ensayo acerca de una mapoteca chilena; introd. de Elias Almeyda Arroyo; homenaje del Ejército de Chile a su autor en el centenario de su nacimiento, 1852-1952. The author '52 12p
—Índice de autores y nombres [por] Carlos Stuardo Ortiz. The author '52 109p

Finland

Uppsala. Universitet. Bibliotek. Handritade kartor över Finland i Uppsala universitetsbibliotek. Uppsalan yliopiston kirjaston piirrettyt Suomen kartat. (Acta, v 11) The library '57 60p

Georgia

Atlanta. Public library. Georgia, 1800-1900; a ser. of sels. from the Georgiana lib. of a private collector; ser 12, Georgia maps and plans. The library '55 251-61p

Great Britain

Lee, Jack. Maps and plans of Manchester and Salford, 1650 to 1843; a handlist. Sher-rat '57 43p

Turner, Ruth M. Maps of Durham, 1576-1872, in the University library, Durham; incl. some other maps of local interest; a catalogue. (Pubs. no 1) Durham univ. lib. '54 40p

Montana

Shaudys, Vincent K. Published maps of Montana; an annot. bibliography. (Regional study no9) Bur. of business & economic research, Mont. state univ. '58 55p

Nebraska

White, John Browning. Published sources on territorial Nebraska; an essay and bibliography. (Pubs. v23) Nebraska state historical society '56 p243-56

New Zealand

New Zealand geographical society. Canterbury branch. Maps of Canterbury & the west coast; a sel. bibliography. The society '58 49p

Ontario

Ontario. Department of mines. Mining divisions in Ontario. Johnston '56 71p

South Africa

South Africa. Trigonometrical survey. Katalogus van vernaamste kaartreke, gepubli-seer in die Unie van Suid-Afrika, 1951. Catalogue of principal series of maps published in the Union of South Africa. (T.S.O. misc, 823) Staatsdrukker '51? 11p

Sweden

Uppsala. Universitet. Bibliotek. Handritade kartor över Sverige i Uppsala universitetsbibliotek. Handgezeichnete karten von Schweden in der Universitätsbibliothek Uppsala; katalog av Åke Davidsson. (Acta, v 10) Almqvist '56 136p

Switzerland

Blumer, Walter. Bibliographie der gesamt-karten der Schweiz von Anfang bis 1802; mit einem überblick über die ge-schichte der karten und atlanten, kurzen beschreibungen, historischen und biographi-schen anmerkungen und abbildungen; hrsg. von der Schweizerischen landesbiblio-thek in Bern. (Bibliog. helvetica, no2) Kümmerly & Frey '57 178p

United States

Strohecker, Edwin C. Guide to federal map and chart publications, 1937-1953; index. (Aspects of librarianship, no8) Dept. of lib. science, Kent state univ. '55 32p

United States. Library of Congress. Map division. Marketing maps of the United States; an annot. bibliog. comp. by Walter W. Ristow. 3d rev ed The division '58 147p

Wells, J. W. Notes on the earliest geological maps of the United States, 1756-1832. Wash Acad Sci J 49:203-4 J1 '59

Venetia

Anzilotti, Giulia C. Saggio bibliografico di cartografia tridentina. (Atlante toponomas-tico della Venezia tridentina. 2. Commento al foglio 1) Istituto di studi per l'Alto Adige '54 p34-5

Virginia

Virginia. Division of mineral resources. List of publications and maps. The division '58 38p

MAPS, Early

Brazil. Ministerio das relações exteriores. Biblioteca. As peças raras da Mapoteca do Ministério das relações exteriores, por Isa Adonias. (Pub. no3) Museu histórico e diplomatico do Itamaraty '56 68p

MARAIS, Eugène Nielen, 1872-1936

Rossouw, F. Eugène Nielen Marais, 1872-1936; bibliografie. (Bibliografiese reeks) Skool vir biblioteekwese, Univ. van Kaapstad '57 27p

MARANOS

López Martínez, Nicolás. Los judaizantes castellanos y la inquisición en tiempo de Isabel la Católica. (Pubs, serA, v 1) Semi-nario metropolitano de Burgos '54 p 17-46

MARBLE, John Putnam, 1897-1955

Foshag, William F. Memorial of John Putnam Marble. Am Min 41:304-5 Mr '56

Ingerson, E. Memorial to John Putnam Marble (1897-1955) Geol Soc Am Proc 1955:144-6 J1 '56

- MARCHES, Italy**
Bonasera, Francesco. Studi geografici recentemente compiuti e da compiere sulle Marche. Camera di commercio, industria & agricoltura di Ancona '55 118p
- MARCHLEWSKI, Julian Baltazar, 1866-1925**
Kaczanowska, Jadwiga. Bibliografia prac Juliana Marchlewskiego (Łódzkie towarzystwo naukowe. Wydział II. Nauk historycznych i społecznych. Prace, no 13; Łódź, Poland. Uniwersytet. Biblioteka. Wydawnictwa bibliograficzne, 1) Zakład im. Ossolińskich we Wrocławiu '54 205p
- MARCONI, Guglielmo, 1847-1937**
Benedetto, G. di. Bibliografia marconiana. (La Ricerca scientifica. Sup) Consiglio nazionale delle ricerche '58 243p
- MARCUS, Jacob Rader, 1896-**
Zafren, H. C. Writings of Jacob Rader Marcus. (In Hebrew union college-Jewish institute of religion. American Jewish archives. Essays in American Jewish history, to commemorate the 10th anniversary of the founding of the Am. Jewish archives under the direction of Jacob Rader Marcus. (Pubs. no4) The college '58 p493-512) annot
- MARGIL DE JESUS, Antonio, 1657-1726**
Rios, Eduardo Enrique. Life of fray Antonio Margil o.f.m.; tr. and rev. by Benedict Leutenegger. Acad. of Am. Franciscan history '59 p 141-7
- MARGINS (security trading)**
Harris, Robert Early. Federal margin requirements; a sel. instrument of monetary policy. The author '58 p520-9
- MARIAN year**
Roschini, Gabriele Maria. L'anno mariano; guida pratica. Istituto padano di arti grafiche '54 p71-3
- MARIN, John, 1870-1953**
Marin, John. John Marin; tributes by William Carlos Williams [and others] Conclusion to a biography by MacKinley Helm; John Marin—frontiersman by S. Wight. Univ. of Calif. press '56 2p at end
- MARINE architecture. See Naval architecture; Shipbuilding**
- MARINE bacteria. See Bacteria, Marine**
- MARINE biology**
Barnes, Harold. Oceanography and marine biology; a bk. of techniques. Macmillan '59 p204-13
Bibliographia oceanographica, 1950, 1955. (V23, 28) Int. comm. for the scientific exploration of the Mediterranean sea '56-'58 2v
V24-27 not yet published
Boer, H. B. Utilization of a marine environment in the teaching of biology. Am Biol Teach 17:173 My '55
Clarke, G. L. and Backus, R. H. Measurements of light penetration in relation to vertical migration and records of luminescence of deep-sea animals. Deep Sea Res 4:13-14 D '56
Dunbar, M. J. Arctic and subarctic marine biology: immediate problems. Arctic 7 no3: 227-8 '54
Galtsoff, Paul Simon. Gulf of Mexico: its origin, waters, and marine life; prepared by Am. scientists. (U.S. Fish and wildlife service. Fishery bul. 89) U.S. Gov. ptg. office '54 incl bibliog
Hardy, Sir Alister. Open sea: its natural history. Houghton '56-'59 2v v 1, p316-24; v2, p306-14
Harvey, Hildebrande Wolfe. Chemistry and fertility of sea waters. Cambridge '55 p200-16
—Same. 2d ed Cambridge '57 p200-16
Hutton, R. F. Annotated bibliography of red tides occurring in the marine waters of Florida. Fla Acad Sci Q J 19:123-46 Je '56
National academy of sciences, Washington, D.C. Committee on effects of atomic radiation on oceanography and fisheries. Effects of atomic radiation on oceanography and fisheries, report. (Pub. no551) Nat. research council '57 incl bibliog
National book league. Selected books on the oceans and their creatures. The league '58 15p annot
- Nigrelli, R. F. Dutchman's baccy juice or growth-promoting and growth-inhibiting substances of marine-origin. N Y Acad Sci Trans 20:259-62 Ja '58
- Odum, H. T. and others. Some red tide characteristics during 1952-1954. Bul Marine Sci Gulf & Carib 5:256-8 D '55
- Ray, Carleton, and Ciampi, Elgin. Underwater guide to marine life. Barnes '56 p323-8
- Regional bibliography, 1954[-1958] Bul Marine Sci Gulf & Carib 5:147-59, 6:261-72; 7:276-87; 8:285-98; 9:337-48 Je '55, S '56, S '57, S '58, S '59
- Remane, Adolf, and Schlieper, Carl. Die biologie des brackwassers. (Binnengewässer, v22) Schweizerbart '58 p312-30
- Smith, R. I. On the distribution of nereis diversicolor in relation to salinity in the vicinity of Tvärminne, Finland, and the Isefjord, Denmark. Biol Bul 108:344-5 Je '55
- Symposium on perspective in marine biology. Perspectives in marine biology [a symposium held at Scripps inst. of oceanography, Univ. of Calif. Mar. 24-Apr. 2, 1956] ed. by A. Buzzati-Traverso. Univ. of Wood, E. J. F. Significance of marine microbiology. Bact R 22:15-19 Mr '58
- See also*
Marine fauna
Marine flora
- MARINE borers**
American society for testing materials. Symposium on wood for marine use and its protection from marine organisms; presented at the 2d Pacific nat. meeting, Los Angeles, Calif. Sept. 17, 1956. (Special technical pub. no200) The society '57 incl bibliog
United States. Library of Congress. Technical information division. Marine borers; a prelim. bibliog. by William F. Clapp and Roman Kenk. The division '56 346p
- MARINE deposits**
Bradley, W. C. Origin of marine-terrace deposits in the Santa Cruz area, California. Geol Soc Am Bul 68:441-4 Ap '57
Clark, D. L. Marine triassic stratigraphy in eastern Great Basin. Am Assn Pet Geol Bul 41:2221-2 O '57
Emery, K. O. and Hoggan, D. Gases in marine sediments. Am Assn Pet Geol Bul 42:2187-8 S '58
Gorsline, D. S. and Emery, K. O. Turbidity current deposits in San Pedro and Santa Monica basins off southern California. Geol Soc Am Bul 70:290 Mr '59
Hamilton, E. L. Marine geology of the southern Hawaiian ridge. Geol Soc Am Bul 68: 1026 Ag '57
McKee, E. D. and others. Sedimentary belts in lagoon of Kapingamarangi atoll. Am Assn Pet Geol Bul 43:560-2 Mr '59
Moore, D. G. and Scruton, F. C. Minor internal structures of some recent unconsolidated sediments. Am Assn Pet Geol Bul 41:2751 D '57
Orr, W. L. and others. Preservation of chlorophyll derivatives in sediments off southern California. Am Assn Pet Geol Bul 42:956-8 My '58
- See also*
Deep sea deposits
- MARINE ecology**
Carpelan, L. H. Hydrobiology of the Alviso salt ponds. Ecology 38:389-90 Ji '57
Chapman, V. J. Marine algal ecology. Bot R 23:343-50 My '57
Dunbar, M. J. Determinants of production in northern seas; a study of the biology of the themisto labellula Mandt. Can J Zool 35:818-19 D '57
Moore, Hilary B. Marine ecology. Wiley '58 p429-55
National research council. Committee on marine ecology and paleoecology. Treatise on marine ecology and paleoecology. (Memoir 67) Geological soc. of Am '57 2v incl bibliog annot
Zalesny, E. R. Foraminiferal ecology of Santa Monica bay, California. Micro-paleontology 5:125-6 Ja '59
- MARINE engineering**
Henschke, Werner, ed. Schiffbautechnisches handbuch; handbuch für den schiffbauer und schiffsmaschinenbauer. Verlag Technik '52 2v incl bibliog
Marine engineering & shipbuilding abstracts. Inst. of marine engineers. See numbers
Rudorff, Dagobert William. Modern marine engineering. Philosophical lib. '56 p 150-2
- See also*
Ship propulsion
- MARINE fauna**
Althaus, B. Faunistisch-ökologische studien an rotatorien salzhaltiger gewässer Mitteleuropas. Halle Univ Wiss Z Math Naturw Reihe 6:156-7 F '57
Berkeley, E. and Berkeley, C. Some notes on a collection of polychaeta from the Northeast Pacific south of latitude 32° N. Can J Zool 36:406-7 Je '58

MARINE fauna—*Continued*

- Bumpus, D. F. and Pierce, E. L. Hydrography and the distribution of chaetognaths over the continental shelf off North Carolina. *Deep Sea Res* 3 sup:109 D '55
- Coe, W. R. Fluctuations in populations of littoral marine invertebrates. *J Marine Res* 15:231-2 D '56
- Dunbar, M. J. Determinants of production in northern seas: a study of the biology of the themisto libellula Mandt. *Can J Zool* 35: 818-19 D '57
- Fingerman, M. Lunar rhythmicity in marine organisms. *Am Natur* 91:177-8 My '57
- Fish, Charles John, and Cobb, Mary Curtis. Noxious marine animals of the central and western Pacific ocean. (Woods Hole, Mass. Oceanographic inst. Contribution no708; R.I. Univ. Narragansett marine laboratory. Contribution no8; U.S. Fish and wildlife service. Research rep. 36) U.S. Gov. ptg. office '54 p37-45
- Griffin, D. R. Hearing and acoustic orientation in marine animals. *Deep Sea Res* 3 sup:416-17 D '55
- Guiler, E. R. Australian intertidal belt-forming species in Tasmania. *J Ecol* 43:148 Ja '55
- Hass, Hans. We come from the sea; tr. from the German by Alan Houghton Brodrick. Doubleday '59 p280-4
- Lucas, C. E. External metabolites in the sea. *Deep Sea Res* 3 sup:147-8 D '55
- Lukton, A. and Olcott, H. S. Content of free imidazole compounds in the muscle tissue of aquatic animals. *Food Res* 23:617-18 N '58
- MacGinitie, George Eber. Distribution and ecology of the marine invertebrates of Point Barrow, Alaska. (Smithsonian misc. coll. v 128, no9) Smithsonian inst. '55 p 194-201
- Marine biological association of the United Kingdom. Plymouth marine fauna; being notes on the local distribution of species occurring in the neighbourhood of Plymouth, incl. some other records of species found on the south coasts of Devon and Cornwall and the adjacent offshore waters of the English channel. 3d ed The association '57 p411-44
- Newell, Norman Dennis, and others. Organism communities and bottom facies. Great Bahama bank. (Bul. v 117, article 4) Am. museum of natural history '59 p226-8
- Parker, R. H. Changes in the invertebrate fauna, apparently attributable to salinity changes, in the bays of central Texas. *J Paleont* 29:210-11 Mr '55
- Parker, R. H. Macro-invertebrate assemblages as indicators of sedimentary environments in east Mississippi Delta region. *Am Assn Pet Geol Bul* 40:374-6 F '56
- Riley, G. A. Review of the oceanography of Long Island sound. *Deep Sea Res* 3 sup:237-8 D '55
- Segerstråle, Sven G. Distribution of glacial relicts in Finland and adjacent Russian areas. (Commentationes biologicae, xv. 18) Finska vetenskaps-societeten '56 p30-5
- Segerstråle, Sven G. On the immigration of the glacial relicts of northern Europe, with remarks on their prehistory. (Finska vetenskaps-societeten. Helsingfors. Commentationes biologicae, XVI. 16) Munksgaard '57 p 110-17
- Stephens, G. C. Twenty-four hour cycles in marine organisms. *Am Natur* 91:150-1 My '57
- Stephenson, W. and others. Ecological survey of the marine fauna of Low Isles. Queensland. Australian J Marine & Freshwater Res 9:315-17 Jl '58
- Stickney, A. P. and Stringer, L. D. Study of the invertebrate bottom fauna of Greenwich bay, Rhode Island. *Ecology* 38:121 Ja '57
- Sublette, J. E. Ecology of the macroscopic bottom fauna in Lake Texoma (Denison reservoir) Oklahoma and Texas. *Am Midl Natur* 57:400-2 Ap '57
- Thorson, G. Modern aspects of marine level-bottom animal communities. *J Marine Res* 14:395-7 D '55
- Woods Hole, Massachusetts. Marine biological laboratory Methods for obtaining and handling marine eggs and embryos [by] D. P. Costello [and others] The laboratory '57 incl bibliog
- See also*
Fishes
Plankton
Shore water fauna
- MARINE fauna, Fossil
Kobayashi, T. Contribution toward palaeo-faunology, science of the oceanic current in the past, with a description of a new miocene aturia from central Japan. *Japan J Geol & Geog* 25:54-6 O '54
- Romer, A. S. Fish origins—fresh or salt water? *Deep Sea Res* 3 sup:279-80 D '55
- MARINE flora
Guiler, E. R. Australian intertidal belt-forming species in Tasmania. *J Ecol* 43:148 Ja '55
- Smyth, J. C. Study of the benthic diatoms of Loch Sween (Argyll) *J Ecol* 43:170-1 Ja '55
- See also*
Algae
Diatoms
Plankton
Shore water flora
- MARINE law. *See* Maritime law
- MARIOLOGY. *See* Mary, Virgin—Theology
- MARION county, Kentucky
Jillson, Willard Rouse. Bibliography of Marion county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, oil, gas and minerals, with brief annots, 1834-1954. Anderson press '55 22p
- MARIONETTES. *See* Puppets and puppet plays
- MARITAIN, Jacques. 1882-
Croteau, Jacques. Les fondements thomistes du personnalisme de Maritain. Eds. de l'Univ. d'Ottawa '55 p254-9
- Michener, Norah Willis. Maritain on the nature of man in a Christian democracy. Ed. l'Eclair '55 p 131-4
- MARITIME law
Reiff, Henry. United States and the treaty law of the sea. Univ. of Minn. press '59 p394-426
- See also*
Pirates
- MARITIME Provinces, Canada
Atlantic Provinces checklist; a guide to current information in bks, pamphlets, gov. pubs, magazine articles and doc. films relating to the four Atlantic Provinces, 1957 [-1958] (V 1-2) Maritime lib. assn; Atlantic Provinces economic council '58?-59 2v
- MARIVAUX, Pierre Carlet de Chamblaine de, 1688-1763
Deloffre, Frédéric. Marivaux et le marivaudage, une préciosité nouvelle; étude de langue et de style. (Lyons. Univ. Annales, ser3: Lettres, no27) Soc. d'édition Les Belles lettres '55 p581-97
- MARKET research
Advertising research foundation. Short annotated bibliography of marketing and advertising research. The foundation '53 28p
- Aries, Robert Saucier, and others. Marketing research in the chemical industry. Chemonomics, inc. '55? p51-6
- Bouquerel, Fernand. L'étude des marchés au service de l'entreprise. Presses universitaires de France '54 2v incl bibliog
- Clark, Lincoln Harold, and Carney, Joan B. ed. Consumer behavior: research on consumer reactions [contributors: Wroe Alderson and others] Harper '58 p 124-219, 282-307 annot
- Foundation for research on human behavior. Adoption of new products: process and influence; ed. by Carol Ludington. The foundation '59 p45-9
- Hamburg. Welt-wirtschafts-archiv. Bibliothek. Bibliographie zur marktforschung. Bibliography on market research; 1170 titles with call numbers of the library. The library '53 92, 16p
- Same; 1072 titles with call numbers of the library. The library '55 108p
- Kapferer, Clodwig. Market research methods in Europe (project no261) European productivity agency, Organization for European economic co-operation '56 p 139-72
- Marketing articles in review. *See* numbers of Journal of marketing
- Smith, J. O. and DeHart, F. Sales engineering and industrial marketing. Bsns Lit 30:11-12 F '58 annot
- Thompson, Ralph Burnham. Selected and annotated bibliography of marketing research. Bibliog. ser. 8) Bur. of business research, Univ. of Tex. '57 41p
- Thompson, Ralph Burnham. Selected and annotated bibliography of marketing theory. (Bibliog. ser. 14) Bur. of business research, Univ. of Tex. '58 27p annot

MARKET research—*Continued*

Wales, Hugh G. and Ferber, Robert. Basic bibliography on marketing research. (AMA bibliog. ser, no2) Am. marketing assn. '56 164p

Wolf, Hans A. and others, eds. Motivation research, a new aid to understanding your market; a research report. Motivation research associates '55 p75-80

MARKET stores. See Supermarkets

MARKET surveys

Advertising research foundation. Short annotated bibliography of marketing and advertising research. The foundation '53 28p

Barksdale, Hiram C. Use of survey research findings as legal evidence. (Advertising research foundation. Pub) Printers' ink '57 p 155-62

National market data sources. Sales Management 78:205-6, 208 My 10 '57

United States. Library of Congress. Map division. Marketing maps of the United States; an annot. bibliog. comp. by Walter W. Ristow. 3d rev ed The division '58 147p

Wickert, Günter. Deutsche praxis der markt- und meinungsforschung; ein leitfaden für den praktiker. Demokrit verlag '53 p 180-7

MARKETING

Advertising federation of America. Bureau of research and education. Books for the advertising and marketing man; a classified bibliog. on advertising, marketing, selling, and related subjects. rev ed The bureau '57 37p

—Supplement. The bureau '58 16p

Angel, Juvenal Londofo. Careers in marketing. 2d ed rev & enl (Monograph, no 13) World trade '59 p29-30

Book reviews. See numbers of Journal of marketing

Brown, E. Evan. Bibliography of marketing publications for the 11 southeastern states. (AE 119) Dept. of agricultural economics, S.C. agricultural experiment station, Clemson agricultural college '56 83p

Converse, Paul Dulaney. Beginning of marketing thought in the United States; with reminiscences of some of the pioneer marketing scholars. (Studies in marketing, no3) Bur. of business research, Univ. of Tex. '59 p79-89

Converse, Paul Dulaney, and others. Elements of marketing. 6th ed Prentice-Hall '58 p723-41

Gilbert, Eugene. Advertising and marketing to young people. Printers ink '57 incl bibliog

Hepner, Harry Walker. Modern marketing; dynamics and management. McGraw '55 incl bibliog

Johnson, Lewis Kerr. Sales and marketing management; text and cases. Allyn '55 incl bibliog

Kniffin, Fred Wigfield. Modern concept of marketing management: its implications and problems. (Ind. business information bul. no31) Bur. of business research, Ind. univ. '58 p21-2

Kohls, Richard Louis. Marketing of agricultural products. Macmillan '55 incl bibliog

Larson, Gustav Edward. Developing and selling new products; a guidebk. for manufacturers. 2d ed Small business adm, U.S. Dept. of commerce '55 p98-105

Lazer, William, and Kelley, Eugene J. Interdisciplinary contributions to marketing management. (Marketing and transportation paper, no5) Bur. of business & economic research, Mich. state univ. '59 p35-46

Marketing articles in review. See numbers of Journal of marketing

Maynard, Harold Howard, and Beckman, Theodore N. Principles of marketing; 6th ed [by] Theodore N. Beckman [and others]. Ronald '57 p763-72

Metzner, Max. Kostengestaltung, preisbildung und marktprobleme. Duncker & Humblot '53-'54 2v v 1, p 155-60; v2, p 164-77

National sales executives, incorporated, New York. Current list of unpublished studies for sales executives and specialists in marketing prepared by graduate students, 1951/52-1954 The corporation '53-'54 2v

National sales executives, incorporated, New York. Sources of information for sales executives and specialists in marketing; prepared by the Com. on bibliog. for sales management. rev ed The committee '54 23p

New York university. Graduate school of business administration. Bibliography of graduate theses in the field of marketing, written at U.S. colleges and universities, 1950-1957. The school '57 92p

Staudt, Thomas A. and Lazer, William. Basic bibliography on industrial marketing. (AMA bibliog. ser, no4) Am. marketing assn. '58 233p

* Texas. University. Distributive education department. Distributive education bibliography, including: instructional material from states; bks, periodicals, material from trade assns, pamphlets and booklets. The department '54 206p

—Supplement, January 1957, including books, periodicals, films, pamphlets and booklets. The department '57 134p

See also

Distributive education

Food—Marketing

Fruit—Marketing

Sales management

Vegetables—Marketing

MARKETS

See also

Fairs

Shopping centers

MARKHAM, Edwin, 1852-1940

Shields, Sophie K. Edwin Markham; a bibliography. (Pubs, no2) Wagner college '52-'55 3v

MARMONT, Auguste Frédéric Louis Vieesse de, duc de Raguse, 1774-1852

Saint Marc. Pierre. Le Maréchal Marmont, duc de Raguse, 1774-1852. Fayard '57 p367-91

MARQUAND, John Phillips, 1893-

White, W. John P. Marquand since 1950. Bul Bibliog 21:230-4 My '56

MARR, Nikolai (Akovich), 1865-1934

Thomas, Lawrence Leslie. Linguistic theories of N. Ja. Marr. (Calif. Univ. Pubs. in linguistics, v 14) Univ. of Calif. press '57 p 168-76

MARRANOS. See Maranos

MARRIAGE

Abstracts. See numbers of Marriage and family living

Bailey, Derrick Sherwin. Theology of sex and marriage; a short guide for readers and students. Church information board, Church of England moral welfare council '53 28p

Benning, Alfons. Ehe und familie in der Sowjetunion; gewürdigt vom standort christlicher sittlichkeit. Verlag Regensburg '55 p84-5

Bernard, Jessie Shirley, and others. Dating, mating & marriage; a documentary-case approach. (Anthropology and sociology ser) Allen '58 p389-91

—Same. rev ed Arco '59 p241-3

Blood, Robert Oscar. Anticipating your marriage. Free press '55 p465-74 annot

Bovet, Théodore. Das geheimnis ist gross; ein handbuch für eheleute und ihre berater. (Der mensch und seine ordnung, v2) P. Haupt '55 p 153-9

Butterfield, Oliver McKinley. Planning for marriage. (Van Nostrand ser. in sociology) Van Nostrand '56 incl bibliog

Carbone, Carlo. Il matrimonio; questioni d'attualità. (Collana Vivere) Domani '53 p71-3

Christensen, Harold Taylor. Marriage analysis; foundations for successful family life. 2d ed Ronald '58 incl bibliog

Colacci, Mario. Christian marriage today; a comparison of Roman Catholic and Protestant views; with a foreword by Bernhard Christensen. Augsburg '58 incl bibliog

Eisenstein, Victor W. ed. Neurotic interaction in marriage. Basis bks. '56 incl bibliog

Fishbein, Morris, and Kennedy, Ruby Jo. Modern marriage and family living; introd. by Joseph Kirk Pelsom [rev. & augm. version of Successful marriage] Oxford '57 incl bibliog annot

Handren, Walter J. No longer two; a commentary on the encyclical Casti connubii of Pius XI. Newman press '55 p225-8

Hayes, Edward, and Hayes, Paul James. Love for a lifetime; a guidebk. for those whom God has called to the married state; with an introd. by James M. Gillis, and a sec. by Ruth W. Reilly. Soc. of St Paul '55 p238-9

Himes, Norman Edwin. Your marriage; rev. and enl. by Donald L. Taylor. Rinehart '55 incl bibliog

MARRIAGE—Continued

- Hinz, Leo G. Celebration of marriage in Canada; a comparative study of civil and canon law outside of the province of Quebec. (Ottawa. Univ. Dissertations ad gradum laureae in facultatibus ecclesiasticis consequendum conscriptae. Ser. canonica, v2) Univ. of Ottawa press '57 p 167-80
- Hirning, Jacob Louis, and Hirning, Alma L. Marriage adjustment. (Am. sociology ser) Am. bk. '56 incl bibliog
- Katz, Barney. You can have a better marriage. Am. press '56 p 172-7
- Kelly, George Anthony. Catholic marriage manual. Random house '58 p224-33
- Koos, Earl Lomon. Marriage. rev ed Holt '57 p332-5
- Landis, Judson Taylor, and Landis, Mary Green. Building a successful marriage. 3d ed. Prentice-Hall '58 incl bibliog
- Landis, Judson Taylor, and Landis, Mary Green. Personal adjustment, marriage and family living. 2d ed Prentice-Hall '55 incl bibliog
- Landis, Judson Taylor, and Landis, Mary Green. Youth and marriage; a student manual. 2d ed (Prentice-Hall sociology ser) Prentice-Hall '57 p275-83 annot
- Landis, Paul Henry. Making the most of marriage. (Appleton-Century Crofts sociology ser) Appleton '55 incl bibliog
- LeMasters, E. E. Modern courtship and marriage. Macmillan '57 incl bibliog
- Merrill, Francis Ellsworth. Courtship and marriage. rev & expanded ed Holt '59 p418-40 annot
- Morgan, William Henry, and Morgan, Mildred I. Thinking together about marriage and family; discussion outlines, resources, and activity suggestions for young men and women, married couples and parents. Assn. press '55 incl bibliog
- O'Rourke, Edward W. Marriage and family life. Newman foundation, Univ. of Ill. '56 p236-7
- Peterson, James Alfred. Education for marriage. Scribner '56 incl bibliog
- Review of family research in 1955 [1958] Marriage & Fam. Living 18:168-76; 19:279-94; 20:384-96; 21:287-99 My '56, Ag '57, N '58, Ag '59
- Sex education, marriage, and the family. Lib Counselor 12:1-23 O '57 annot
- Skidmore, Rex Austin, and Cannon, Anthon Steffensen. Building your marriage. rev ed (Harper's social science ser) Harper '58 incl bibliog
- Society for sex education and guidance. Bibliography of sex guidance and human relationships. The society '52 43p
- Zimmerman, Carle Clark, and Cervantes, Lucius Ferdinand. Marriage and the family; a text for moderns. Regnery '56 p671-89
- See also
Courtship
Divorce
Family
Family life education
Husband and wife
Remarriage
- Catholic church**
- Donlan, Thomas C. and others. Toward marriage in Christ. (College texts in theology) Priory press '57 p 183-91
- McAuliffe, Michael Francis. Catholic moral teaching on the nature and object of conjugal love. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no79) Catholic univ. of Am. press '54 p 137-42
- Telle, Emile Villemeur. Erasme de Rotterdam et le septième sacrement; étude d'évangélisme matrimonial au XVI siècle et contribution à la biographie intellectuelle d'Erasme. Droz '54 p481-92
- MARRIAGE (canon law)**
- Hinz, Leo G. Celebration of marriage in Canada; a comparative study of civil and canon law outside of the province of Quebec. (Ottawa. Univ. Dissertations ad gradum laureae in facultatibus ecclesiasticis consequendum conscriptae. Ser. canonica nova, v2) Univ. of Ottawa press '57 p 167-80
- Mehr, Aloysius J. Transition from one Christian marriage to another. Officium libri catholici '52 p 137-41
- Ryan, Thomas Charles. Juridical effects of the sanatio in radice; a historical synopsis and a commentary. (Catholic univ. of Am. Canon law studies, no355) Catholic univ. of Am. press '55 p129-33
- Wrzaszczak, Chester Francis. Betrothal contract in the Code of canon law (canon 1017). (Catholic univ. of Am. Canon law studies, no326) Catholic univ. of Am. press '54 p237-45
- MARRIAGE, Mixed**
- Bossard, James Herbert Siward, and Boll, Eleanor Stoker. One marriage, two faiths; guidance on interfaith marriage. Ronald '57 p 173-5
- MARRIAGE counseling**
- Skidmore, Rex Austin, and others. Marriage consulting; an introd. to marriage counseling. (Harper's social science ser) Harper '56 p397-403
- MARRIAGE customs and rights**
- Patai, R. Cousin-right in Middle Eastern marriage. Sw J Anthropol 11:387-90 Winter '55
- MARRIAGE law**
See also
Divorce
- MARROW**
- Seip, Martin. Reticulocyte studies; the liberation of red blood corpuscles from the bone marrow into the peripheral blood and the production of erythrocytes elucidated by reticulocyte investigations; tr. by Katrine Christie. Tanum '53 p 149-64
- MARRYAT, Frederick, 1792-1848**
- Warner, Oliver. Captain Marryat, a rediscovery. Constable '53 p 195-7
- MARS (planet)**
- Levitt, Israel Monroe. Space traveller's guide to Mars. Holt '56 p 167-8
- Ley, Willy, and Von Braun, Wernher. Exploration of Mars. Viking '56 p 172-6 annot
- Moore, Patrick Alfred. Guide to Mars. 2d ed Macmillan '58 p 117-19
- MARSH, George Perkins, 1801-1882**
- Lowenthal, David. George Perkins Marsh: versatile Vermonter. Columbia univ. press '58 p387-423
- MARSH, Reginald, 1898-1954**
- Whitney museum of American art, New York. Reginald Marsh; exhibition and catalogue (text by Lloyd Goodrich; research by Rosalind Irvine) The museum '55 p 17-20
- MARSHALL, Alfred, 1842-1924**
- Marshall, Alfred. Memorials; ed. by A. C. Pigou [bibliog. by J. M. Keynes] Kelley & Millman '56 p500-8
- MARSHALL, John, 1755-1835**
- Servies, James Albert. Bibliography of John Marshall. U.S. Comm. for the celebration of the two hundredth anniversary of the birth of John Marshall '56 182p
- MARSHALL plan.** See Economic assistance, American
- MARSHES**
- Lindeman, Jan Christiaan. Vegetation of the coastal region of Suriname. Kemink '53 p 130-5
- National research council. Highway research board. Survey and treatment of marsh deposits; annot. by A. W. Johnson. (Bibliog. 15) The board '54 95p
- MARSILIUS of Padua, d 1342?**
- Marsilius of Padua. Der verteidiger des friedens (Defensor pacis) auf grund der übersetzung von Walter Kunzmann bearb. und eingeleitet von Horst Kusch. (Leipziger übersetzungen und abh. zum mittelalter, serA, v2, pt 1-2) Rütten & Loening '58 2v v 1, p lxxxiv-lxxxvii
- MARSTON, John 1575?-1634**
- Pelligrini, Giuliano. Il teatro di John Marston. (Studi e testi, 4) Libreria goliardica editrice '52 p211-18
- MARSUPIALS**
- Tyndale-Biscoe, C. H. Observations on the reproduction and ecology of the brush-tailed possum, trichosurus vulpecula Kerr (marsupialia) in New Zealand. Australian J Zool 3:183-4 Je '55
- MARTÍ, José, 1853-1895**
- Peraza Sarausa, Fermín. Bibliografía martiana, 1853-1955. Anuario bibliográfico cubano '56 720p
- Same; ed. del centenario. Comisión nacional organizadora de los actos y ediciones del centenario y del monumento de Martí '54 692p

MARTÍ, José—*Continued*

- Peraza, Sarausa, Fermín. *Bibliografía martiana*. 1953i-1956-1957. (Guías bibliog. 22-25)
Biblioteca municipal de la Habana '54-'58 4v
Peraza Sarausa, Fermín. *Cronología de la obra martiana*. (Biblioteca del bibliotecario, 45) Anuario bibliográfico cubano '55 41p

MARTIAL law

- United States. Department of the army. Army library. Selected list of references on martial law including habeas corpus, when related thereto. The library '53 12p

See also

- Courts martial and courts of inquiry
MARTIN, Sir Charles James, 1866-1955
Chick, H. Charles James Martin, 1866-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p204-8)
MARTIN, Lawrence, 1880-1955
Thwaites, F. T. and Bertrand, K. Memorial to Lawrence Martin (1880-1955) Geol Soc Am Proc 1955:149-51 J '56
Williams, F. E. Lawrence Martin, 1880-1955. Assn Am Geog Ann 46:360-4 S '56
MARTINEAU, Harriet, 1802-1876
Wheatley, Vera. Life and work of Harriet Martineau. Essential bks. '57 p405-7
MARTÍNEZ KLEISER, Luis, 1883-
Martínez Kleiser, Luis. De sobremesa: cuentos y apólogos; prólogo de Gregorio Marañón. (Coll. Los Tres dados) Prensa española '57 p225-8
MARTONNE, Emmanuel de, 1873-1955
Dresch, J. Emmanuel de Martonne. Soc Géol France Bul 6:634-42 F '57
MARTYN, Edward, 1859-1923
Courtney, Sister Marie Thérèse. Edward Martyn and the Irish theatre. Vantage '56 p 172-88 annot
MARTYRS
Attwater, Donald. Martyrs; from St Stephen to John Tung. Sheed '57 p227-36
MARVELL, Andrew, 1621-1678
Press, John. Andrew Marvell. (Bibliog. ser. of sups. to British bk. news, no98) Longmans '58 p39-42 annot
MARX, Karl, 1818-1883
Academia Republici Populare Romine, Bucharest. Biblioteca. Marx și Engels in limba română, 1871-1944. (Ser. de bibliog. retrospective, 1) The library '56 60p
Berlin. Marx-Engels-Lenin-Stalin-institut. Die erstdrucke der werke von Marx und Engels: bibliographie der einzelausgaben. Dietz '55 62p
Flam, L. Etudes sur Marx. R Int Philos 12 no3-4:318-65 '58 annot
Germany (Democratic Republic, 1949-) Zentralinstitut für bibliothekwesen. Karl Marx, eine empfehlende bibliographie; bearb. von Werner Rittner. Verlag für buch- und bibliothekwesen '54 64p
Grynbas, J. Marx et marxisme. R Int Philos 12 no3-4:366-87 '58
Morf, Otto. Das verhältnis von wirtschaftstheorie und wirtschaftsgeschichte bei Karl Marx. (Staatswissenschaftliche studien, new ser, v 11) Francke '51 p 125-33
Prague. Universita Karlova. Knihovna. Soupis spisů a článků Karla Marxe a Bedřicha Engelse z fondů Universitní knihovny a Slovanské knihovny v Praze; sest. Miroslav Havránek; redigoval Kamil Groh. (Bibliografické příručky, v5, no 1-3) The library '54 428p
Rubel, Maximilien. Bibliographie des œuvres de Karl Marx; avec, en appendice, un répertoire des œuvres de Friedrich Engels. Rivière '56 272p
Rubel, Maximilien. Karl Marx, essai de biographie intellectuelle. (Bibliothèque philosophique) Rivière '57 p451-4
Sannwald, Rolf. Marx und die antike. (Staatswissenschaftliche studien, new ser, v27) Polygraphischer verlag '57 p205-10
Warsaw. Biblioteka narodowa. Marks i Engels w Polsce; materiał do bibliografii, 1842-1952. The library '53 111p
MARXISM. *See* Communism; Socialism
MARY, Virgin
Besutti, Giuseppe Maria. Panorama bibliografico mariano. Bevilacqua & Solari '54? 802-34p
Dayton. University. Marian library. Selected list of books on the Blessed Virgin. Mentzer '53 3p

- Lamirande, E. Bibliographie sur la royauté universelle de Marie. (In Société canadienne d'études mariales. La royauté de l'Immaculée; journées d'études, Univ. Laval, 21-23 oct. 1955. Eds. de l'Univ. d'Ottawa '57 p223-32)

- Madrid. Biblioteca nacional. Exposición bibliográfica mariana; catálogo. Dirección general de archivos y bibliotecas '54-'55 2v
O'Carroll, Michael. Mediatrix of all graces. Newman press '58 p309-10

See also

Marian year

Apparitions and miracles

- Cox, Michael J. Rain for these roots; the Mother of grace and the modern world. Bruce pub. '66 p209-10

- Sharkey, Donald C. and Debergh, Joseph. Our Lady of Beauraing. Hanover house '58 p239

Art

- La Madonna e l'eucaristia; documentazione iconografica. Stabile consilium internationalibus eucharisticis conventibus provehendis '54 p207-14

Theology

- Canziani, Luigi Maria. Maria santissima e il sacerdote; pensieri. 3d ed (Luci di Maria, 4) Massimo editore '64 p407-20

- Unger, Dominic J. First-gospel: Genesis 3:15. (Theology ser, no3) Franciscan inst, St Bonaventure univ. '54 p325-55

MARY, Virgin, in literature

- Uribe, P. A. Immaculada en la literatura franciscano-española. Archivo Ibero-Americano 15:207-495 Ja '55

- MARY Katharine, Mother. *See* Drexel, Mother M. K.

MARYLAND

Government publications

- Maryland state documents. *See* numbers of Maryland libraries

Politics and government

- Friedman, Robert S. Selected bibliography of Maryland state and local government. Bur. of gov. research, College of business & public adm, Univ. of Maryland '56 120p

- MASARYK, Tomáš Garrigue, 1850-1937
Nehnevajsa, Jiri. T. G. Masaryk; soziologické skizze der modernen tschechischen gesellschaft. The author '53 43p

MASCHERONI, Lorenzo, 1750-1800

- Veen, Simon Cornelius van. Passermeetkunde, de constructies van Mascheroni. (Noorduijn's wetenschappelijke reeks, 37) Noorduijn '51 p 170-1

MASKS (plays) *See* Masques

MASONRY

- American standards association. Sectional committee on building code requirements and good practice recommendations for masonry, A41. American standard building code requirements for masonry approved Sept. 23, 1953, by the Association as Am. standard A41.1-1953. (U.S. Nat. bur. of standards. Misc. pub. 211) U.S. Gov. ptg. office '54 p37-9

- Behringer, Anton, and Rek, Franz. Das mauerbuch, ein fachbuch für geselle, polier und meister; ein buch der praxis für baumeister, architekten und lehrer. 6th new rev ed O. Maier '53 p381-2

- Ritchie, T. and Plewes, W. G. Design of unit masonry for weather resistance. Roy Arch Inst Can J 32:348 S '55

See also

- Arches
Cement
Concrete

MASONS (secret order) *See* Freemasons

MASQUES

- Cervellati, Alessandro. Storia della maschere. Poligrafici il Resto del Carlino '54 incl biblog

MASS (canon law)

See also

- Lord's supper (canon law)

MASS (nuclear physics) *See* Atomic massMASS communication. *See* Communication

MASS education. See Fundamental education

MASS spectrometry

Dibeler, V. H. and Reese, R. M. Mass spectrometry. *Anal Chem* 28:613-15; 30:609-13 *Ap* '56, *Ap* '58

Dowben, Robert M. Mass spectrometry. (JENEX pubs, no 1) Joint establishment for nuclear energy research (Netherlands and Norway) '52 incl bibliog

Duckworth, Henry Edmison. Mass spectroscopy. (Cambridge monographs on physics) Cambridge '58 p 183-99

Mainz. Max Planck-Institut für chemie. Nuclear masses and their determination; proceedings of the conference held in the Institute, Mainz, 10-12 July, 1956; ed. by H. Hintenberger. Pergamon '56 incl bibliog

MASS spectroscopy

Herzog, Leonard Frederick, ed. Mass spectroscopic analysis of solids: abstracts for the years 1953-1956. (Circ. no55) Mineral industries experiment station, College of mineral industries, Pa. state univ. '59 37p

MASSACHUSETTS

Church history

Oberholzer, Emil. Delinquent saints; disciplinary action in the early Congregational churches of Massachusetts. (Columbia studies in the social sciences, no590) Columbia univ. press '56 p337-71 annot

Government publications

Massachusetts. State library, Boston. Index of special reports authorized by the General court, 1900-1957; prepared by the Library and the Legislative research bureau. The library '57 64p

History

Brown, Robert Eldon. Middle-class democracy and the revolution in Massachusetts, 1691-1780. Cornell univ. press '55 p409-38

Starkey, Marion Lena. Little rebellion. Knopf '55 p255-8 annot

See also

Shays' rebellion, 1786-1787

Politics and government

Huthmacher, J. Joseph. Massachusetts people and politics, 1919-1933. Harvard univ. press '59 p281-5

League of women voters of Massachusetts. Massachusetts state government; a citizen's handbook. Harvard univ. press '56 p375-83

MASSIGNON, Louis, 1883-

Damascus. Institut français. Mélanges Louis Massignon [bibliog. by Y. Moubarac] The institute '56 p 1-56

MASSON, Paul Marie, 1882-1954

Mélanges d'histoire et d'esthétique musicales offerts à Paul-Marie Masson, professeur honoraire en Sorbonne, par ses collègues, ses élèves et ses amis. (Bibliothèque d'études musicales) Richard-Masse '55 2v v 1, p9-11

MASSON-OURSSEL, Paul, 1882-1956

Schuhl, P. M. Paul Masson-Oursel (Paris, 5 septembre 1882-18 mars 1956) *R Philos* 81:176-7 *Ap* '56

MASTITIS

Plastridge, W. N. Bovine mastitis: a review. *J Dairy Sci* 41:1171-81 *S* '58

MASTODONS

Bergounioux, F. M. and Crouzel, F. Présence de tetraploides longirostris dans le lophodonte inférieur de Tunisie. *Soc Géol France Bul* 6:557-8 *D* '56

Bergounioux, F. M. and Crouzel, F. Révision de quelques espèces de mastodontes du miocène. *Soc Géol France Bul* 7:58-9 *O* '57

Simpson, George Gaylord, and Paula Couto, Carlos de. Mastodonts of Brazil. (Bul. v 112, article 2) *Am. museum of natural history* '57 p 185-9

MASURENLAND

Chojnacki, Władysław, ed. Sprawy Mazur i Warmii w korespondencji Wojciecha Kętrzyńskiego. Zakład narodowy im. Ossolińskich '52 p325-6

MATEJKO, Jan Alojzy, 1838-1893

Warsaw. Państwowy instytut sztuki, Jan Matejko; materiały z sesji naukowej poświęconej twórczości artysty, 23-27, XI, 1953. Arkady '57 p271-342

MATERIA medica

Hocking, George Macdonald. Dictionary of terms in pharmacognosy and other divisions of economic botany; a comp. of words and expressions relating principally to natural medicinal and pharmaceutical materials and the plants and animals from which they are derived, their chemical composition, applications, and uses, together with some other materials derived from the plant, animal, and mineral kingdoms of current economic interest. Thomas '55 p254-68

Legnano, L. P. da. Le piante medicinali nella cura delle malattie umane; affezioni e sofferenze, piante, rimedi. Edizioni mediterranee '54 p599-604

Schwimmer, Morton, and Schwimmer, David. Role of algae and plankton in medicine. *Grune* '55 p66-80

See also

Anesthetics

Aphrodisiacs

Botany, Medical

Pharmacognosy

Pharmacology

Pharmacy

Veterinary materia medica and pharmacy

MATERIAL handling

Gunkel, W. W. Principles of liquid materials handling. *Ag Eng* 39:539 *S* '58

Hall, C. W. Theoretical considerations in materials handling systems. *Ag Eng* 39:529-4 *S* '58

Organization for European economic cooperation. Materials handling equipment and methods in the U.S.A. Technical assistance mission no42. The organization '53 p 145-67

Recent publications on feed handling (1946-1958) *Ag Eng* 39:581-4 *S* '58

Wesson, R. W. and Arwood, J. R. Materials handling. *Ind & Eng Chem* 47:582; 48:551; 49:529; 50:477; 51:391 *Mr* '55, *Mr* '56, *Mr* '57, *Mr* '58, *Mr* '59

MATERIALISM, Dialectical. See Dialectical materialism

MATERIALS

Bacha, Charles P. and others. Elements of engineering materials. Harper '57 p465-73

Chemical engineering: materials of construction. *Ind & Eng Chem* 47:1945-2064; 48: 1695-1801; 49:1578-1662; 50:1426-98; 51:1156-1230 *S* '55, *S* '56, *S* '57, *S* '58, *S* '59 incl bibliog

Engineering materials [by the] Com. on engineering materials. Pitman '58 incl bibliog

Goldman, Jacob E. ed. Science of engineering materials. Wiley '57 incl bibliog

Keyser, Carl Anton. Materials of engineering; properties, fabrication, uses, and testing. Prentice-Hall '56 incl bibliog

Mantell, Charles Letnam, ed. Engineering materials handbook; prepared by a staff of specialists. (McGraw-Hill handbks) McGraw '58 incl bibliog

Miner, Douglas F. and Seastone, John B. eds. Handbook of engineering materials. (Wiley engineering handbk. ser) Wiley '55 incl bibliog

See also

Building materials

Mineral aggregates

Road materials

Strategic materials

Strength of materials

Weathering

Creep

Fluck, P. G. and Washa, G. W. Creep of plain and reinforced concrete. *Am Concrete Inst J* 29:891-5 *Ap* '58

Hansen, Torben C. Creep of concrete; a discussion of some fundamental problems. (Meddelanden, no33) Svenska forskningsinstitutet för cement och betong, K. tekniska högskolan '58 p45-6

Neville, A. M. Role of cement in the creep of mortar. *Am Concrete Inst J* 30:983-4 *Mr* '59

Neville, A. M. Theories of creep in concrete. *Am Concrete Inst J* 27:57-60 *S* '55

Deterioration

Latimer, K. E. Problems in long-term component reliability. *Inst Radio Eng Trans* CP-6:77-81 *Je* '59

Temperature effects

Kingery, W. D. Property measurements at high temperatures; factors affecting and methods of measuring material properties at temperatures above 1400°C (2550° F) Wiley '59 incl bibliog

MATERIALS—Continued

Testing

American society for testing materials. Proceedings, 1955[1958] (V55-58) The society '56-'59 4v incl bibliog

American society for testing materials. Symposium on speed of testing of non-metallic materials; presented at the 58th annual meeting, Atlantic City, N.J., June 29, 1955. (Special technical pub. no 185) The society '56 incl bibliog

American society for testing materials. Committee E-9 on fatigue, 1950[1958] references on fatigue. (Special technical pub. no 9B-9J) The society '51-'59 9v

Chesson, E. and Munse, W. H. Behavior of riveted connections in truss-type members. Am Soc Civil Eng Proc 83 [ST 1 no 1150]: 59-61 '57

Kesler, C. E. and Chang, T. S. Review of sonic methods for the determination of mechanical properties of solid materials. Am Soc Test Mat Bul 225:45-60 O '57

See also

Bituminous materials—Testing

MATERIALS, Effect of radiation on
Friedemann, H. C. Bibliography: Effect of irradiation on solids. (In United States. Office of naval research. Effects of radiation on materials; ed. by J. J. Harwood [and others] Reinhold '53 p305-38)

MATERIALS at high temperatures. See Materials—Temperature effects

MATHEMATICAL analysis

Some aspects of analysis and probability, by Irving Kaplansky [and others] (Surveys in applied mathematics, 4) Wiley '58 incl bibliog

See also

Algebras, Linear

MATHEMATICAL instruments

See also

Abacus

MATHEMATICAL logic. See Logic, Symbolic and mathematical

MATHEMATICAL physics

Band, William. Introduction to mathematical physics. (Univ. physics ser) Van Nostrand '59 incl bibliog

Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on nonlinear circuit analysis; ed. by Jerome Fox. (Symposia ser, v2) The institute '53 incl bibliog

Clauser, F. H. Behavior of nonlinear systems. J Aero Sci 23:432-4 My '56

Friedrichs, K. O. Asymptotic phenomena in mathematical physics. Am Math Soc Bul 61:501-4 N '55

Greenspan, D. Numerical analysis and the Dirichlet problem. Math Mag 32:185-7 Mr '59

Heading, J. Matrix theory for physicists. Longmans '58 p236-7

Synge, John Lyton. Hypercircle in mathematical physics; a method for the approximate solution of boundary value problems. Cambridge '57 p414-18

Törnebohm, Håkan. Logical analysis of the theory of relativity. Almqvist '52 p260-6

See also

Boundary value problems

Quantum theory

MATHEMATICAL recreations

Parker, J. Use of puzzles in teaching mathematics. Math Teach 48:226-7 Ap '55

Schaaf, William Leonard. Recreational mathematics; a guide to the literature. Nat. council of teachers of mathematics '55 129p
—Same. 2d ed. Nat. council of teachers of mathematics '58 143p

See also

Chess

MATHEMATICAL statistics

Acton, Forman S. Analysis of straight-line data. (Wiley pub. in applied statistics) Wiley '59 p232-9 annot

Aitchison, John, and Brown, James Alan Calvert. Lognormal distribution with special reference to its uses in economics. (Cambridge. Univ. Dept. of applied economics. Monographs, 5) Cambridge '57 p 146-53

Anderson, Theodore Wilbur. Introduction to multivariate statistical analysis. (Wiley pub. in mathematical statistics) Wiley '58 p352-68

Berkeley symposium on mathematical statistics and probability. Proceedings of the third Symposium held at the Statistical laboratory, University of California, December 1954, July and August, 1955; ed. by Jerzy Neyman. Univ. of Calif. press '56 5v incl bibliog

Bijl, Willem van der. Toepassing van statistische methoden in de klimatologie. Staatsdrukkerij- en uitgeverijbedrijf '52 p 185-95

Brooks, Charles Ernest Pelham, and Carruthers, N. Handbook of statistical methods in meteorology. (Gt. Brit. Meteorological office. Pub. official 538) H.M.S.O. '53 p396-402

Bush, Robert Ray, and Mosteller, Frederick. Stochastic models for learning. (Wiley pub. in statistics) Wiley '55 incl bibliog

Centre belge de recherches mathématiques. Colloque sur l'analyse statistique, Brussels, 1954. Colloque sur l'analyse statistique, tenu à Bruxelles les 15, 16 et 17 décembre, 1954. Thone '55 incl bibliog

Fisz, Marek. Rachunek prawdopodobieństwa i statystyka matematyczna. 2d rev & enl ed (Biblioteka matematyczna, v 18) Państwowe wydawn. naukowe '58 p512-20

Gumbel, Emil Julius. Statistics of extremes. Columbia univ. press '58 p349-71

Kemphorne, Oscar. Introduction to genetic statistics. (Wiley pub. in applied statistics) Wiley '57 incl bibliog

Kraft, Charles Hall. Some conditions for consistency and uniform consistency of statistical procedures. (Calif. Univ. Pubs. in statistics, v2, no6) Univ. of Calif. press '55 p 141

Kullback, Solomon. Information theory and statistics. (Wiley pub. in mathematical statistics) Wiley '59 p353-65

Wald, Abraham. Selected papers in statistics and probability; ed. for the Inst. of mathematical statistics, T. W. Anderson, [and others] McGraw '55 incl bibliog

See also

Biometry

Errors. Theory of

Probabilities

Time series analysis

MATHEMATICIANS

Angel, Juvenal Londofio. Careers for majors in mathematics. (Monograph no62) World trade '59 p30

MATHEMATICS

Abstracts of papers. See numbers of American mathematical society. Bulletin thru 1958

Alger, Philip Langdon. Mathematics for science & engineering; based on Engineering mathematics by Charles Proteus Steinmetz. McGraw '57 incl bibliog

Allendoerfer, Carl Barnett, and Oakley, Cletus Odla. Principles of mathematics. McGraw '55 incl bibliog

American mathematical society. Translations. (Ser 2, v 11) The society '59 incl bibliog

Behnke, Heinrich, ed. Der mathematische unterricht für die sechzehn- bis einundzwanzigjährige jugend in der Bundesrepublik Deutschland. Vanderhoek & Ruprecht '54 p283-312

Bibliografia brasileira de matemática e física. 1950-54[1955-57] (VI-2) Inst. brasileiro de bibliografia e documentação '56-'5-? 2v

Bibliografie matematyki polskiej w 10-lecie 1944-1954. (Polskie towarzystwo matematyczne. Roczniki. Ser2: Wiadomości matematyczne, 2) Państwowe wydawn. naukowe '57 154p

Boyer, Lee Emerson. Introduction to mathematics; a historical development. rev ed Holt '55 p 137-8, 293-4, 411-12

Corona, Sister M. Seminars—an integrating force in a program of concentration. Math Teach 48:212-3 Ap '55

Forsythe, George Elmer. Bibliography of Russian mathematics books. Chelsea pub. co. '56 106p

French bibliographical digest; no 14 (ser2) Science: mathematics; pt 1, Pure mathematics. French cultural services of New York '55 128p annot

Freund, John E. Modern introduction to mathematics. (Prentice-Hall mathematics ser) Prentice-Hall '56 incl bibliog annot

Helton, Floyd Franklin. Introducing mathematics. 2d ed Wiley '58 p377-9

MATHEMATICS—Continued

- Householder, A. S. Bibliography on numerical analysis. *Assn Comput Mach J* 3:88-100 Ap '56
- Illinois. University. College of engineering. Mathematical needs of prospective students; for the use of high school mathematics teachers and guidance counselors; rev. by William A. Ferguson [and others] (Ill. Univ. Bul. v56, no51) The college '59 p 19-22
- Kemeny, John George, and others. Introduction to finite mathematics. (Prentice-Hall mathematics ser) Prentice-Hall '57 incl bibliog
- Kidd, Kenneth P. Instructional materials for mathematics classes; with the assistance of Billy H. Maddox. Materials diffusion project. College of education, Univ. of Fla. '58 p24-30 annot
- Lass, Harry. Elements of pure and applied mathematics. (Int. ser. in pure and applied mathematics) McGraw '57 incl bibliog
- Margenau, Henry, and Murphy, George Moseley. Mathematics of physics and chemistry. 2d ed Van Nostrand '56 incl bibliog
- Mary Stephanie, Sister. What Johnny should read. *Sch Sci & Math* 56:619-20 N '56
- Mathematical reviews. *Am. mathematical soc.* See numbers
- Mathematics for the academically talented student in the secondary school; rep. of a conference sponsored jointly by the Nat. education assn. project on the academically talented student and the Nat. council of teachers of mathematics; ed. Julius H. Hlavaty. Nat. education assn; Nat. council of teachers of mathematics '59 p44-6
- Merwin, Jack Clifford. Mathematics teaching aids for a stronger America; prepared for the Ill. curriculum program—Aviation education project; with the editorial assistance of Paul B. Hale. (Our world of flight ser. Circ. serA, no51; Ill. curriculum program. Bul. no22, ptB) Nat. aviation council '55 incl bibliog
- National council of teachers of mathematics. Insights into modern mathematics. (Yearbk. 23) The council '57 incl bibliog
- Parke, Nathan Grier. Guide to the literature of mathematics and physics including related works on engineering science. 2d rev ed Dover '58 436p annot
- Rose, A. and others. Computers, mathematics, statistics, and operations research. *Ind. & Eng Chem* 47:630-2; 48:630-2; 49:563-4; 50:518-19; 51:429-31 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Rosenbaum, Robert A. and Rosenbaum, Louise J. Bibliography of mathematics for secondary school libraries. Dept. of school services & pubs, Wesleyan univ. '56 15p
- Same; 2d rev ed Dept. of school services & pubs, Wesleyan univ. '57 11p
- Science abstracts of China. Mathematical and physical sciences. Inst. of scientific information. *Acad. sinica.* See numbers
- Smirnov, Vladimir Ivanovich. *Lehrgang der höheren mathematik* [übers: Klaus Krienes] (Hochschulbücher für mathematik, v 1-2) Deutscher verlag der wissenschaften '53-'55 2v v 1, p406-9; v2, p565-72
- Sparks, Jack N. and others. Collection of supplementary books in mathematics for the secondary school. Leyden community high school '57 14p annot
- Sparks, J. N. and Taylor, K. Building the secondary school mathematics library. *School Sci & Math* 58:57-60 Ja '58 annot
- Stibitz, George Robert, and Larrivee, Jules Alphonse. Mathematics and computers. McGraw '57 p209-21
- Unione matematica italiana. *Bibliografia matematica italiana, 1950[-1957]* (V 1-8) Tip.ed. cremonese '51-'59 8v
- United States, National security agency. Library. Register of mathematical publications in NSA; comp. by Jean Chandler Andrews. (Bibliog. research ser, no5) Bibliog. research branch, Technical information div. '54 133p
- Western, Donald Ward, and Haag, Vincent Harold. Introduction to mathematics. Holt '59 p537-8
- See also
- Aggregates
- Algebra
- Approximate computation
- Arithmetic
- Binary system (mathematics)
- Biomathematics.
- Calculus
- Economics, Mathematical
- Forms (mathematics)
- Functions
- Games, Theory of
- Geometry
- Graphic methods
- Groups, Theory of
- Harmonic analysis
- Inequalities (mathematics)
- Logic, Symbolic and mathematical
- Mensuration
- Numbers, Theory of
- Numerical calculations
- Series
- Statistical methods
- Statistics
- Transformations (mathematics)
- Vector analysis
- History
- Eves, Howard, and Newson, Carroll Vincent. Introduction to the foundations and fundamental concepts of mathematics. Rinehart '58 p311-34
- Periodicals
- London. University. Library. Union list of periodicals on mathematics and allied subjects in London libraries. The library '58 61p
- Lystbæk, Peder Kristian. *Udenlandske tidsskrifter af matematisk eller fysisk indhold i danske biblioteker.* Munksgaard '52 176p
- Peltier, Jean. *Inventaire collectif des périodiques mathématiques; relevé à la date de juin 1956.* (Documentation mathématique no36-37) Secrétariat mathématique '57 2v
- Philosophy
- Eves, Howard, and Newson, Carroll Vincent. Introduction to the foundations and fundamental concepts of mathematics. Rinehart '58 p311-34
- Study and teaching
- Berger, Emil J. and Johnson, Donovan A. Guide to the use and procurement of teaching aids for mathematics. Nat. council of teachers of mathematics '59 p27-30, 32-7, 40-1
- Bonner, Philippina. Analysis of certain factors in the training of Catholic high school teachers. Catholic univ. of Am. press '57 p 122-7
- Dyer, Henry S. and others. Problems in mathematical education. Educational testing service '56 p31-50
- Fehr, Howard Franklin. Teaching high-school mathematics. (What research says to the teacher 9) Dept. of classroom teachers, Am. educational research assn. '55 p33
- Ficken, F. A. Use of films and television in mathematics education. *Am Math Mo* 65: 414-16 Je '58
- Forsythe, G. E. Bibliography on high school mathematics education. *Computers & Automation* 8:17-19 My '59 annot
- McWilliams, Earl M. and Brown, Kenneth E. Superior pupil in junior high school mathematics. (U.S. Office of education. Bul. 1955, no4) U.S. Gov. ptg. office '55 p40-3
- National council of teachers of mathematics. Growth of mathematical ideas, grades K-12. (Yearbk. 24) The council '59 incl bibliog
- Natural sciences and mathematics; reviews the literature for the six-year period since Oct. 1951. *R Educ Res* 27:305-420 O '57
- Potter, Mary Athena, and Mallory, Virgil. Education in mathematics for the slow learner. Nat. council of teachers of mathematics '58 p32-6
- Rasmussen, O. M. Mathematics used in courses of various departments in a university. *Math Teach* 48:241-2 Ap '55
- Vance, E. P. ed. Program provisions for the mathematically gifted student in the secondary school; contributors: Julius H. Hlavaty [and others] Nat. council of teachers of mathematics '57 p25-8
- Tables, etc.
- Mathematical tables and other aids to computation; a quarterly journal ed. on behalf of the Com. on mathematical tables and other aids to computation. Nat. research council. See numbers
- See also
- Integrals

MATHEMATICS, Ancient

Neugebauer, Otto. Exact sciences in antiquity. 2d ed Brown univ. press '57 incl bibliog annot

MATHEMATICS clubs

Carnahan, Walter Hervey. Mathematics clubs in high schools. Nat. council of teachers of mathematics '58 p29-32

MATING instinct. See Sex behavior**MATISSE, Henri, 1869-1954**

Matisse, Henri. Henri Matisse [text by] Gaston Diehl; notices by Agnès Humbert. Universe bks. '58 p 125-6

MATRICES

Acrivos, A. Transient response of stagewise processes. Ind & Ap Math 5:18-19 Mr '56

Dunford, N. Survey of the theory of spectral operators. Am Math Soc Bul 64:272-4 S '53

Greville, T. N. E. On smoothing a finite table: a matrix approach. Ind & Ap Math 5:152-4 S '57

Heading, J. Matrix theory for physicists. Longmans '58 p236-7

Householder, A. S. Approximate solution of matrix problems. Assn Comp Mach J 5:242-3 Jl '58

Klein, B. Simple method of matrix structural analysis. J Aero Sci 24:45-6 Ja '57

Kuhn, Harold William, and Tucker, Albert William. Linear inequalities and related systems [by] G. B. Dantzig [and others] [Annals of mathematics studies, no38] Princeton univ. press '56 p305-22

Taussky, O. Commutativity in finite matrices. Am Math Mo 64:234-5 Ap '57

White, P. A. Computation of eigenvalues and eigenvectors of a matrix. Ind & Ap Math 6:436-7 D '58

MATTA ECHAURREN, Roberto, 1912-

Rubin, W. Matta [bibliog. by Bernard Karpel] Mus Mod Art Bul 25 no 1:35-6 '57

MATTER

See also
Molecules
Solids

Constitution

Slater, John Clarke. Electronic structure of atoms and molecules. (Technical rep. no3) Solid-state & molecular theory group. Mass. inst. of technology '53 p 181-212

Properties

Oparin, Aleksandr Ivanovich. Origin of life on the earth; tr. from the Russian by Ann Synge. 3d rev & enl ed Academic press '57 incl bibliog

—Same with title: Die entstehung des lebens auf der erde; übers. nach der 3. stark veränderten aufl [übers. und wissenschaftliche redaktion: Dieter Bernhardt] Deutscher verlag der wissenschaften '57 incl bibliog

Rossini, Fredrick Dominic, ed. Thermodynamics and physics of matter. (High speed aerodynamics and jet propulsion, v 1) Princeton univ. press '55 incl bibliog

See also

Diffusion
Elasticity
Gravitation
Hardness
Torsion
Viscosity

MATTHES, François Emile, 1874-1948

Fryxell, F. Memorial to François Emile Matthes (1874-1948) Geol Soc Am Proc 1955: 166-8 Jl '56

MATZIG, Richard Blasius, 1904-1951

Buch der freunde; eine ehrengabe für Richard B. Matzig. Tschudny-verlag '53 p 189-91

MAUGHAM, William Somerset, 1874-

Brophy, John. Somerset Maugham. (Bibliog. ser. of sups. to British bk. news, no22) Longmans '52 p37-41

Jonas, Klaus Werner, ed. World of Somerset Maugham; an anthology. British bk. centre '59 p 196-200

Stanford university. Libraries. Comprehensive exhibition of the writings of W. Somerset Maugham drawn from various private collections and libraries with a preface by the author [held] May 25 through August 1, 1958. The library '58 46p

Stott, Raymond Toole. Writings of William Somerset Maugham; a bibliography. Rota '56 136p

MAUPASSANT, Guy de, 1850-1893

Cotugno, Francesco. Maupassant. F. Cacucci '54 p 177-8

Delaisement, Gérard. Maupassant, journaliste et chroniqueur; suivi d'une bibliog. générale de l'oeuvre de Guy de Maupassant. Michel '56 p243-99

Lemoine, Fernand. Guy de Maupassant. (Classiques du XIX^e siècle, 5) Eds. univs. '57 p 135-9

Spaziani, Marcello. Bibliographie de Maupassant en Italie. (Pubs. sér4: Essais bibliog. 1) Inst. français de Florence '57 79p

Sullivan, Edward Daniel. Maupassant the novelist. Princeton univ. press '54 p 187-93

MAURI, Angelo, 1873-1936

Magri, Francesco. Un pioniere dell'azione sociale cristiana: Angelo Mauri, 1873-1936. Messaggerie cattoliche '56 p 111

MAURITIUS

Mauritius. Archives department. Bibliography of Mauritius, 1502-1954, covering the printed record, mss, archivalia and cartographic material [by] A. Toussaint. The department '56 884p

—Supplement 1[-4] (In its Report, 1955[-1958] The department '56-'59 4v 1955, p 1-27 (2d group) 1956, p 1-21 (2d group) 1957 p 1-28 (2d group) 1958, p 1-27 (2d group)

MAUROLICO, Francesco, 1494-1575

Rosen, E. Maurolico's attitude toward Copernicus. Am Philos Soc Proc 101:192-4 Ap '57

MAURRAS, Charles, 1868-1952

Charles Maurras, 1868-1952; temoignages de Henry Bordeaux [et al] chronologie complète de l'œuvre de Charles Maurras établie par Roger Joseph et Jean Forges. (Eds. d'histoire et d'art) Plon '53 p 199-218

MAXIMS

See also
Proverbs

MAXIMUS Confessor, Saint, 580-662

Maximus Confessor, Saint. Ascetic life; The four centuries on charity; tr. and annot. by Polycarp Sherwood. (Ancient Christian writers; the works of the Fathers in tr, no21) Westminster press '55 p211-13

MAY, Karl Friedrich, 1842-1912

Böhm, Viktor. Karl May und das geheimnis seines erfolges; ein beitrage zur leserpsychologie. (Österreichische schriften zur pädagogischen psychologie für schule, haus und heim, v2) Österreichischer bundesverlag für unterricht, wissenschaft & kunst '55 p210-14

MAY flies. See Mayflies**MAYA art. See Art, Maya****MAYA language**

Harrington, John P. Valladolid Maya enumeration. (U.S. Bur. of Am. ethnology. Bul 164; Anthropological papers, no54) U.S. Gov. ptg. office '57 p277-8

MAYAS

Altschuler, M. On the environmental limitations of Mayan cultural development. Sw J Anthropol 14:196-8 Summer '58

Gallenkamp, Charles. Maya; the riddle and rediscovery of a lost civilization. McKay '59 p225-32

Morley, Sylvanus Griswold. Ancient Maya; rev. by George W. Brainerd. 3d ed Stanford univ. press '56 p467-81

Thompson, John Eric. Rise and fall of Maya civilization. Univ. of Okla. press '54 p272-5

Antiquities

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p4-12; no 19, p5-18; no20, p5-20; no21, p4-20 annot

Ruppert, Karl. Chichen Itza, architectural notes and plans. (Pub. 595) Carnegie inst. of Wash. '52 p 167-9

Spinden, Herbert Joseph. Maya art and civilization. rev & enl ed Falcon's wing press '57 p399-415

MAYER, Matthias, 1884?-

Widmoser, E. Verzeichnis der veröfentlichungen Matthias Mayer's. (In Beiträge zur heimatkunde des nordöstlichen Tirol; festschrift zum 70. geburtsstag Matthias Mayer's. (Schlern-schriften, 138) Wagner '54 273p)

MAYFLIES

- Edmunds, G. F. and Allen, R. K. Checklist of the ephemeroptera of North America north of Mexico. *Entom Soc Am Ann* 50: 323-4 J1 '57
- Hamilton, E. W. Review of ephemeroidea (ephemeroptera) in the Missouri River watershed with a key to the species. *Iowa State Col J Sci* 33:461-3 My '59
- Hunt, Burton Poulter. Life history and economic importance of a burrowing mayfly, *hexagenia limbata*, in southern Michigan lakes. (Bul. no4) *Mich. Inst. for fisheries research* '53 p124-7

MAYR, Franz Xaver, 1875-
Neues leben; monatsschrift für biologische lebensgestaltung. Zum 80. geburstag Dr Franz Xaver Mayrs. von Wilhelm Ostwald [et al] *The periodical* '55 p34

MAZZINI, Giuseppe, 1805-1872

Hales, Edward Elton Young. Mazzini and secret societies; the making of a myth. *Kenedy* '56 p215-17 annot

MEAD, George Herbert, 1863-1931

- Natanson, Maurice. Social dynamics of George H. Mead; introd. by Horace M. Kallen. *Public affairs press* '56 p96-102
- Tremmel, William C. Social concepts of George Herbert Mead. (Emporia state research studies, v5 no4) *Kan. state teachers college* '57 p35-6

MEADOW mice. See Field mice

MEADOWS. See Pastures and meadows

MEANING (psychology)

Osgood, Charles Egerton, and others. Measurement of meaning. *Univ. of Ill. press* '57 p336-42

MEASUREMENT of length. See Length measurement

MEASUREMENT of sound. See Sound—Measurement

MEASUREMENT of thickness. See Thickness measurement

MEASUREMENTS, Educational. See Educational measurements

MEASUREMENTS, Electric. See Electric measurements

MEASUREMENTS, Electronic. See Electronic measurements

MEASUREMENTS, Physical. See Physical measurements

MEASURES. See Weights and measures

MEASURING. See Mensuration

MEASURING instruments

Doolittle, Jesse Seymour. Mechanical engineering laboratory; instrumentation and its application. *McGraw* '57 incl bibliog

MEAT

Meat hygiene; contributors: V. E. Albertsen [and others] (Monograph ser. no33) *World health organization* '57 p505-11

—Same. (FAO agricultural studies, no34) *Food & agricultural organization of the United Nations* '57 p505-11

Ziegler, Percival Thomas. Meat we eat. 5th ed rev interstate '58 incl bibliog

See also

Ham

Pork

Grading

Zobriskey, S. E. and others. Significant relationships in pork carcass evaluation. *J Animal Sci* 18:426, 587-8, 593, 598 F-My '59

Preservation

See also

Meat, Frozen

Tenderization

Wang, H. and others. Studies on enzymatic tenderization of meat. *Food Res* 20:597; 23: 421-2, 438 N '55, S '58

MEAT, Frozen

Esselen, W. B. and Levine, A. S. Bacteriological investigations on frozen stuffed poultry. *J Milk & Food Tech* 17:249-50 Ag '54

MEAT industry and trade

Books and pamphlets on the meat packing industry, 1955-1956, 1958[-1959] *Am. meat inst*; *Inst. of meat packing, Univ. of Chicago* '55-'59 4v annot

See also

Cattle

Cattle trade

Poultry industry and trade

MECHANICAL brains. See Cybernetics

MECHANICAL drawing

- Giesecke, Frederick Ernest, and others. *Technical drawing*; 4th ed. rev. by Henry Cecil Spencer. *Macmillan* '58 p773-80
- Luzadder, Warren Jacob. *Fundamentals of engineering drawing*; for technical students and professional draftsmen. 4th ed *Prentice-Hall* '59 p690-4
- Mattingly, Eugene Harold. *Applied drawing and design* [4th ed. by] *Everett Scrogin [and] William Bettencourt. McKnight* '59 p245-6

See also

Graphic methods

MECHANICAL engineering

American society of mechanical engineers. *Index. A.S.M.E. technical papers, 1880/1956. The society* '57 382p

American society of mechanical engineers. *Metals engineering handbook board. ASME handbook. McGraw* '53-'58 4v incl bibliog

Campbell, Donald Pierce. *Process dynamics [dynamic behavior production process]* *Wiley* '58 incl bibliog

Doolittle, Jesse Seymour. *Mechanical engineering laboratory; instrumentation and its application. McGraw* '57 incl bibliog

Everett, R. T. *Documentation of mechanical engineering. Aslib Proc* 9:41-55 F '57 annot

Hartman, James B. *Dynamics of machinery. (McGraw-Hill ser. in mechanical engineering) McGraw* '56 p271-4

Institution of mechanical engineers. *Proceedings, 1954. (V 168) The institution* '55 incl bibliog

Library association. *County libraries section. Mechanical engineering. (Readers' guides, new ser. no47) The section* '58 39p

Witte, Hans, ed. *Handbuch der energiewirtschaft. Verlag Technik* '57 incl bibliog

See also

Chemical engineering

Electric engineering

Machinery

Marine engineering

Power (mechanics)

MECHANICAL handling. See Material handling

MECHANICAL models

See also

Hydraulic models

MECHANICAL stokers. See Stokers, Mechanical

MECHANICAL wear

DePaul, D. J. ed. *Corrosion and wear handbook for water-cooled reactors. McGraw* '57 incl bibliog

MECHANICS

Hertz, Heinrich Rudolph. *Principles of mechanics, presented in a new form; pref. by H. von Helmholtz; authorized English tr. by D. E. Jones and J. T. Walley; with a new introd. by Robert S. Cohen. Dover pubs.* '56 p 16-22

See also

Damping (mechanics)

Deformations (mechanics)

Dynamics

Elasticity

Electromechanical analogies

Engineering

Force and energy

Friction

Hydraulics

Hydrodynamics

Hydromechanics

Impact

Load (mechanics)

Machinery

Pressure

Strains and stresses

Torsion

Vibration

Viscosity

Wave mechanics

Wave motion, Theory of

Electric analogies

Karplus, Walter J. *Analog simulation; solution of field problems. (McGraw-Hill ser. in information processing and computers) McGraw* '58 incl bibliog

MECHANICS (persons)

Angel, Juvenal Londoño. *Careers for specialized mechanics. (Monograph no31) World trade acad. press* '56 incl bibliog

MECHANICS, Applied

Advances in applied mechanics, v3[-5] *Academic press* '53-'58 3v incl bibliog

- MECHANICS, Applied—Continued.**
Applied mechanics review. Am. soc. of mechanical engineers. See numbers
Midwestern conference on solid mechanics. 3d. University of Michigan, 1957. Proceedings. Univ. of Mich. press '57 incl bibliog
See also
Engineering models
- MECHANICS' institutes**
Kelly, Thomas. George Birkbeck, pioneer of adult education. Univ. of Liverpool press '57 p340-63
- MECHANISM (philosophy)**
Dijksterhuis, Eduard Jan. Die mechanisierung des weltbildes: ins deutsche übertragen von Helga Habicht. Springer '56 p571-81
- MECKLENBURG**
Leopoldi, Hans Heinrich. Die mecklenburgische heimat im spiegel der literatur; heimat- und naturkundliche bibliog. der drei mecklenburgischen bezirke Rostock, Schwerin, Neubrandenburg. 1945-1955[-1955-1957] Abt. Literaturpropaganda, Bezirksbibliothek Schwerin '55-58 2v
- MECOPTERA**
Byers, G. W. Notes on North American mecoptera. Entom Soc Am Ann 47:509-10 S '54
- MEDALS**
Fuld, M. and Fuld, G. Medallic memorials to Lafayette. Numismatist 70:1030-2 S '57
Grierson, Philip. Coins and medals; a sel. bibliography. (Helps for students of history, no56) Philip '54 88p
See also
Coins
- MEDALS, American**
Fuld, M. and Fuld, G. Medallic memorials to Franklin. Numismatist 69:1397-9 D '56
See also
Aggression (international law)
- MEDICAL bacteriology.** See Bacteriology, Medical
- MEDICAL botany.** See Botany, Medical
- MEDICAL care, Cost of.** See Medical economics
- MEDICAL chemistry.** See Chemistry, Medical and pharmaceutical
- MEDICAL colleges**
Gee, Helen Hofer, and Nourse, E. Shepley. Admission requirements of American medical colleges including Canada. Assn. of Am. medical colleges '59 p4-6
- MEDICAL economics**
Association of teachers of preventive medicine. Committee on medical care teaching. Readings in medical care. Univ. of N.C. press '58 incl bibliog
Brookings institution, Washington, D.C. Bibliography on health economics and related material. Council on medical service, Am. medical assn. '56 11pts
Klem, M. C. 25 years of research in medical economics. Am J Pub Health 48:999-1002 Aug '58
- MEDICAL education**
World health organization. Medical education: annot. bibliog. 1946-1955. Int. docs. service '58 391p
See also
Medical colleges
- MEDICAL electronics**
Donovan, George Edward. Medical electronics. Butterworth '53 incl bibliog
- MEDICAL ethics**
Niedermeyer, Albert. Allgemeine pastoralmedizin. Herder '54-'55 2v incl bibliog
Standard, Samuel, and Nathan, Helmut, eds. Should the patient know the truth? a response of physicians, nurses, clergymen and lawyers. Springer '55 incl bibliog
- MEDICAL gymnastics.** See Gymnastics, Medical
- MEDICAL instruments and apparatus**
Malmström, Tage. Vacuum extractor, an obstetrical instrument and the parturiometer, a tokographic device. (V36. Sup3) Acta obstetricia et gynecologica scandinavica '57 p83-7
- MEDICAL jurisprudence**
Camps, Francis E. Medical and scientific investigations in the Christie case; foreword by Sir Lionel Heald. Medical pubs. '53 p231-5
Cuthbert, Cyril Roy Mitchell. Science and the detection of crime. Philosophical lib. '58 p235-7
- Gradwohl, Rutherford Birchard Hayes, ed. Legal medicine. Mosby '54 incl bibliog
Los Angeles county law library, Los Angeles. Materials on scientific tests for intoxication, paternity, skid marks. The library '58 6p
Rolin, Jean. Police drugs; tr. with a foreword, by Laurence J. Bendit; with an app. on narco-analysis by Edward V. Saher. Philosophical lib. '56 p 190-4
Smedt, Marc de. Essai de bibliographie médico-légale et criminologique. Contribution to a bibliography of legal medicine and criminology. Vaillant-Carmanne '53 124p
Stumpf, Felix F. and Horwitz, Wilma S. eds. Medicolegal aspects of head, neck and back injuries. (Calif. practice handbk. no4) University extension, Univ. of Calif. '55 p83, 151-2, 187-9
See also
Abortion
Autopsy
Psychiatry, Forensic
Suicide
- MEDICAL laboratories**
Buchbinder, L. and Ferguson, A. R. Does the public health laboratory have a role in mental illness? Am J Pub Health 48:481-3 Apr '58
- MEDICAL libraries**
Jordan, M. Medical center library: a symposium. Med Lib Assn Bul 46:497-518 O '58 incl bibliog annot
Keys, Thomas Edward. Applied medical library practice; with chapters by Catherine Kennedy [and] Ruth M. Tews. Thomas '58 incl bibliog
Medical library association. Handbook of medical library practice; with a bibliog. of the reference works and histories in medicine and the allied sciences [by Eileen R. Cunningham] 2d ed rev & enl [by] Janet Doe and Mary Louise Marshall. A.L.A. '56 p337-537
Medical library literature, 1954. Med Lib Assn Bul 44:160-74 Apr '56
- MEDICAL mycology**
Hazen, Elizabeth Lee, and Reed, Frank Curtis. Laboratory identification of pathogenic fungi simplified. (Am. lecture ser, pub. no253) Thomas '55 p 103-8
Keeney, Edmund L. Practical medical mycology. (Am. lecture ser. pub. no248) Thomas '55 incl bibliog
United States. National library of medicine. Fungus infections; a bibliog. covering literature of 1952 through Sept. 1958; comp. by Dorothy Bocker. U.S. Public health service '59 90p
Wilson, John Walter. Clinical and immunologic aspects of fungous diseases. (Am. lecture ser. pub. no324) Thomas '57 p245-70
See also
Fungi, Pathogenic
- MEDICAL parasitology.** See Parasites—Man
- MEDICAL radiology.** See Radiology, Medical
- MEDICAL research**
American foundation. Medical research: a midcentury survey. Little '55 2v v1, p743-65
Ginsberg, Evelyn Shirley, and Schwartz, Miriam. Medical research on the Bantu in South Africa. 1920- Sept. 1952; a bibliography. School of librarianship, Cape Town univ. '52 54p
Katcher, Sheila. Medical research on the Bantu in South Africa. October 1952-September 1957; a bibliography. (Bibliog. ser) School of librarianship. Univ. of Cape Town '57 45p
Oak Ridge institute of nuclear studies. Medical division. Rare earths in biochemical and medical research: a conference, October 1955; ed. by Granvil C. Kyker [and] Elizabeth B. Anderson. Technical information service extension '56 incl bibliog
United States. National heart institute. Research publications of the Institute, January 1953-June 1958. U.S. Public health service; Nat. institutes of health '58 110p
United States. National institutes of health. Library section. Medical research in the Soviet Union; recent reps. from western sources; a sel. and annot. list of references comp. by Elizabeth Koenig. Div. of reference services '57 24p
See also
Medicine, Experimental
- MEDICAL schools.** See Medical colleges

MEDICAL service

- Atkins, Richard Travis, and Atkins, Jane McGlennon. World traveler's medical guide. Simon & Schuster '58 p396-9
- Conference on administrative medicine. Administrative medicine; transactions of the 3d (1-5th) Conference, 1954(1-1956) Macy '55-'58 3v incl bibliog
- Sheps, M. C. Approaches to the quality of hospital care. Pub Health Rep 70:884-6 S '55
- See also
Hospitals
Physicians

Latin America

- Bravo, A. L. Development of medical care services in Latin America. Am J Pub Health 48:445-7 Ap '58

MEDICAL service, Industrial

- Baumgartner, L. and Klem, M. C. Management and union health programs. Ind Med 27:627-33; 28:74-82 D '58, F '59
- Disney, C. T. Approach to radiation health problems in industry. Ind Med 26:346-7 Jl '57
- Eilbirt, H. Emergence of medical personnel as industrial counselors. AMA Archives Ind Health 16:161-2 Ag '57
- Fleming, Allan J. and others, eds. Modern occupational medicine. Lea '54 incl bibliog
- McGee, Lemuel Clyde. Manual of industrial medicine. 3d ed Univ. of Pa. press '56 p 193-212
- See also
Nurses and nursing, Industrial

MEDICAL service, State

- Vincenot, Yves. Le service de santé en Grande Bretagne; préf. de P. Durand. (Fondation nat. des sciences politiques. Cahiers, 30) Colin '52 p249-63

MEDICAL social service

- Medical care in public welfare; summary of material presented by all participants in an inst. sponsored by the Am. public welfare assn. under a grant made by the Rockefeller brother's fund. July 10-11-12, 1958. Chicago, Illinois. Am. public welfare assn. '58 p42-4
- United States. Bureau of public assistance. Illness and disability; sel. references for public assistance caseworkers. The bureau '57 22p

MEDICAL statistics

- Dorn, Harold Fred, and Cutler, Sidney J. Morbidity from cancer in the United States; pt 1, Variation in incidence by age, sex, race, marital status, and geographic region. (U.S. Public health service. Public health monograph, no29) U.S. Gov. ptg. office '55 p75-7
- L'Eltore, Giovanni, and others. Statistica e sociologia sanitaria; lezione e studi. 2d ed The authors '56 incl bibliog
- Paris. Université. Faculté de médecine. Bibliographie sur la méthode statistique appliquée à la médecine et aux sciences anthropologiques; liste d'ouvrages et d'articles en langue française. The faculty '55 34p

MEDICAL writing

- Postell, William Dosite. Applied medical bibliography for students. (Am. lecture ser, pub. no259) Thomas '55 142p

MEDICAL zoology. See Zoology, Medical**MEDICI, House of**

- Acton, Harold Mario Mitchell. Last Medici. rev ed St Martins '58 p313-18

MEDICINAL plants. See Botany, Medical**MEDICINE**

- Abstracts of Soviet medicine. Excerpta medica foundation. See numbers
- Abstracts of world medicine. British medical assn. See numbers
- Academia Republici Populare Romine. Sectia stiintelor medicale. Index bibliografic, 1944-1955. Index bibliographique, 1944-1955. Editura medicală '57 784p
- Ackerknecht, Erwin Heinz. Short history of medicine. Ronald '55 p229-44 annot
- Adams, Scott, and Rogers, Frank B. eds. Guide to Russian medical literature. (Pub. no602) U.S. Public health service '58 89p
- Akademia medyczna. Poznań. Bibliografia publikacji z lat 1945-1955. The academy '58 268p
- Archila, Ricardo. Bibliografía médica venezolana (contribución) 2d ed. colaboradora especial: Maria T. de Guerra. Editorial Belles artes '55 1041p

- Arnold, Arno. Bibliographie der sportmedizin und deren grenzgebiete unter berücksichtigung der ausländischen literatur, 1936-1953. Barth '58 63p

- Artelt, Walter. Index zur geschichte der medizin, naturwissenschaft und technik; unter mitwirkung von Johannes Steudel [et al] Urban & Schwarzenberg '53 398p

- Association of American medical colleges. Medical education for national defense. Reference list of published material pertinent to the field of military and disaster medicine. The association '57? np

- Bard, Philip, and others, eds. Medical physiology; collaborators: Henry C. Bazett [and others] 10th ed. based on the 9th ed. of Macleod's Physiology in modern medicine. Mosby '56 p 1277-1375

- Beccaria, Augusto. I codici di medicina del periodo presalenitano (secoli IX, X e XI) (Storia e letteratura, 53) Ed. Storia e letteratura '56 p94-102

- Bibliographia medica cecoslovaca, 1947[-1949] (V 1-3) Centrum documentacionis medicae '49-'52 3v

- Bibliographia medica latina, 1954[-1955] (V 1-2) Centro bibliog. medico '54-'55 2v

- Bloomquist, H. Cataloging and classification of medical library materials: 1946-1956; ten years of progress and problems. Med Lib Assn Bul 47:45-7, 161-4 Ja-Ap '59

- Bonn. Universität. Medizinische fakultät. Jahrbuch der dissertationen, 1951 [-1956/57] (V 1-7) The faculty '52-'58 7v

- Bonner, Thomas Neville. Kansas doctor; a cent. of pioneering. Univ. of Kan. press '59 p311-21

- Bonner, Thomas Neville. Medicine in Chicago, 1850-1950; a chapter in the social and scientific development of a city. Am. history research center '57 p267-88

- British abstracts of medical sciences. Biological & medical abstracts, ltd. See numbers

- Council for international organizations of medical sciences. Bibliography of international congresses of medical sciences. Bibliographie des congrès internationaux des sciences médicales; prepared by W. J. Bishop. Thomas '58 238p

- Durham, England University. King's college. Library. One hundred medical works exhibited in the Library during the meeting of the British medical association. (Pubs, no4) The library '57 26p

- Excerpta medica; the int. medical abstracting service. Excerpta medica foundation. See numbers

- Fessler, A. L. Scientific, medical and technical paperbacks. Lib J 84:1191-5 Ap 15 '59

- Grmek, Mirko Dražen. Hrvatska medicinska bibliografija; opis tiskanih knjiga i članaka s produkcija humane i veterinarske medicine i farmacije, koji se odnose na Hrvatsku; v 1. Knjige: pt 1, 1470-1875. The author '55 230p

- Hallam, B. B. Medical reference sources. Med Lib Assn Bul 47:132-40 Ap '59

- Hanover. Stadtbibliothek. Naturwissenschaften, medizin; ein verzeichnis von büchern und aufsatzen. The library '54 146p

- Harmens, Hans, and Hoffman, Elsbeth. Bibliographie 1953: veröfentlichungen und dissertationen aus dem Hygienischen institut der Freien und Hansestadt Hamburg [und] veröfentlichungen und arbeiten aus der Akademie für staatsmedizin Hamburg. The author? '53 12p

- Hawkins, Reginald Robert, ed. Scientific, medical, and technical books published in the United States of America; a sel. list of titles in print with annots; 2d ed. Bks. pub. to Dec. 1956. Com. on bibliog. of Am. scientific & technical bks, Nat. research council '58 1491p

- International abstracts of biological sciences. Pergamon. See numbers

- International congress of internal medicine, 3d. Stockholm, 1954. Proceedings of the Congress Stockholm '15-18 September, 1954. (Acta medica Scandinavica, sup312) Almqvist '56 incl bibliog

- Jaco, E. Garty, ed. Patients, physicians and illness; sourcebook in behavioral science and medicine. Free press '53 p549-92

- Japan science review. Medical sciences, 1953 [-1955] (V 1-3) ed. by Science council of Japan & Ministry of education. Gihodo co. '54-'56 6v

- Jenkins, F. B. Medical reference sources; a backward glance. Med Lib Assn Bul 45:368-70 Jl '57

MEDICINE—Continued

- Klaus, Emil J. *Bibliographie der sportmedizin und ihrer grenzgebiete* 1955 (deutschsprachig) Thieme '56 96p
- Koest, Geneviève, and Franck, Claude. *Notions élémentaires de bibliographie médicale (la bibliographie d'une thèse de médecine) avant-propos de Léon Binet. Lib. Le François '55 incl bibliog*
- Lector medicus. Soc. of honorary medical librarians. BM-hospital. See numbers
- London. University. British postgraduate medical federation. *Lectures on the scientific basis of medicine, 1954-55-1956-57* (V4-6) Athlone press '56-'58 3v incl bibliog
- Los Angeles county law library. Los Angeles. Books on medicine and allied fields of current reference use. The library '58 23p
- Matas, Rudolph. *History of medicine in Louisiana*; ed. by John Duffy. La. state univ. press '58 p496-509
- Medical abstracts; world medical literature abstracts. Medical abstracts, inc. See numbers thru 1957
- Medical literature abstracts. See numbers of American medical association. Journal
- Medical progress: a review of medical advances during 1956[-1957] (V4-5) Blakiston '56-'57 2v incl bibliog
- Medizin der Sowjetunion und Volksdemokratie im referat. Verlag Volk & gesundheit. See numbers
- Medizinischer literatur anzeiger; monatschrift für bibliographie, kritik und verbreitung von büchern der medizin und ihrer grenzgebiete. Düstri-verlag See numbers
- Medizinischer literaturnachweis. Deutsche staatsbibliothek. See numbers
- Mosely, E. G. Publications and services useful to the medical librarian. Sp Lib 48:210-13 My '57 annot
- Olomouc, Moravia. Palackého universita. Knihovna. Soupis lékařských publikací 1940-1955. (Publikace, v6) The library '56 332p
- Polska akademja nauk. Instytut biologii doświadczalnej imienia M. Nenckiego. Biblioteka. Spis polskich biologicznych czasopism i wydawnictw ciągłych znajdujących się w bibliotekach polskich; materiały bibliograficzne; zestawiły i opracowały Aniela Szwajcerowa i Jadwiga Groszyńska. The library '52 224p
- Polska bibliografia lekarska za rok 1951[-1954] Państwowy zakład wydawnictw lekarskich '55-'57 4v
- Postell, William Dosite. *Applied medical bibliography for students*. (Am. lecture ser, pub. no259) Thomas '55 142p
- Prague. Státní lékařská knihovna. Annual of Czechoslovak medical literature. 1956. (Pub. no 1) Státní zdravotnické nakl. '58 432p
- Quarterly cumulative index medicus. Am. medical assn. See numbers thru 1956
- Reichardt, Günther. *Sowjetische literatur zur naturwissenschaft und technik; bibliographischer wegweiser. (Deutsche forschungsgemeinschaft. Veröffentlichungen)* Steiner '57 181p
- Same; 2d rev & enl ed (Deutsche forschungsgemeinschaft. Veröffentlichungen) Steiner '59 306p
- Ristić, Vojislav. *Medicinska bibliografija FNR Jugoslavije 1944-1953 god. Medicinska knjiga* '55 357p
- Rolando, Carlos A. *Bibliografía médica ecuatoriana. Tip. de la Benemérita soc. filantrópica del Guayas* '53 387p
- Sanazaro, Paul J. ed. *Current medical references. Lange medical pubs.* '59 535p annot
- Sewell, W. *Retrieval of therapeutic information: using abstract and index publications.* Sp Lib 48:189-93 My '57 annot
- Société parisienne d'expansion chimique Specia. *Largactil* 4560 R. P; bibliographie. The society '55 182p
- Stein, E. A. and Lucio, C. E. *Books for public library medical reference work.* Lib J 83:2110-13 Ag '58 annot
- Stupnicki, Roger. *Die soziale stellung des arztes in der Schweiz.* Haupt '53 p6-10
- United States. Bureau of American ethnology. *American Indian medicine.* The bureau '57 15p
- United States. National institutes of health. *List of Russian review papers in biology and medicine; comp. by Zelda D. Knowles.* The institute '58 30p
- United States. National library of medicine. *Catalog, 1950[-1958]* Edwards '55-'59 10v
- United States. National library of medicine. *Current list of medical literature.* The library. See numbers thru 1959
- Uppsala. Universitet. Bibliotek. *Bibliotheca Walleriana; the bks. il. the history of medicine and science coll. by Dr. Erik Waller, and bequeathed to the Library; a catalogue comp. by Hans Sallander.* (Acta, v8-9) Almqvist '55 2v
- Wellcome historical medical library London. *Catalogue of incunabula in the Library* [by] F. N. L. Poynter. (Wellcome historical medical museum, London. Pubs. new ser, no5) Oxford '54 159p
- Welt, I. D. *Detailed indexing of biological effects of chemical substances.* Med Lib Assn Bul 46:376-7 J1 '58
- See also
- Anatomy
- Bacteriology
- Botany, Medical
- Chemistry, Medical and pharmaceutical
- Classification—Books—Medicine
- Dentistry
- Histology
- Hygiene
- Materia medica
- Nurses and nursing
- Pathology
- Pharmacology
- Pharmacy
- Physicians
- Physiology
- Quacks and quackery
- Surgery
- Veterinary medicine
- Bibliography
- Bibliography of medical reviews, 1955[-1959] (V 1-4) U.S. Nat. lib. of medicine '56-'59 4v
- Brodman, Estelle. *Development of medical bibliography.* (Pub. no 1) Medical lib. assn. '54 226p
- Brodman, E. and others. *Trends in medical abstracting and indexing tools; a symposium.* Med Lib Assn Bul 44:397-423 O '56 annot
- Fulcher, J. M. *Card-form publications in medicine and related fields.* Bul Med Lib Assn 47:48-53 Ja '59 annot
- Schutze, Gertrude. *Bibliography of guides to the scientific-technical-medical literature. (Contributions to S-T-M lib. literature, no 1) The compiler* '58 64p
- United States. Armed forces medical library. *Slavic medical bibliographies, 1945-54; comp. by Stanley Jablonski.* The library '55 57p
- United States. National library of medicine. *Card-form publications in medicine and related fields; an annot. bibliog. comp. by Jane M. Fulcher.* The library '58 53p
- Early works
- Guerra, Francisco. *Inconografía médica mexicana; catálogo gráfico descriptivo de los impresos médicos mexicanos de 1552 a 1833, ordenados cronologicamente.* Impr. del Diario español '55 p xiii-xvi
- Keys, T. E. *Some American medical imprints of the nineteenth century.* Med Lib Assn Bul 45:309-18 J1 '57 annot
- London. Royal college of obstetricians and gynaecologists. *Library. Catalogue of the library up to 1850.* The college '56 73p
- Sigerist, H. E. *Latin medical literature of the early middle ages.* J Hist Med 13:127-46 Ap '58
- Formulae, receipts, prescriptions
- See also
- Pharmacopoeias
- History
- Bibliografía española de historia de la medicina, 1957. (V 1) (Salamanca. Univ. Seminario de historia de la medicina. Pubs, serB: Repertorios bio-bibliográficos) Facultad de medicina, Univ. de Salamanca '58? 242p
- Bibliography of the history of medicine of the United States and Canada—1954[-1957] Bul Hist Med 29:448-68; 30:544-68; 31:537-70; 32:537-68 S '55, N '56, N '57, N '58
- Blondheim, S. H. *First recorded epidemic of pneumonic plague: the Bible, I Sam. VI.* Bul Hist Med 29:343-5 J1 '55

MEDICINE—History—Continued

- Cohn-Haft, Louis. Public physicians of ancient Greece. (Smith college studies in history, v42) Dept. of history, Smith college '56 p73-5
- Cope, Sir Zachary, ed. Sidelights on the history of medicine. Butterworth '57 incl bibliog
- Current work in the history of medicine. Wellcome historical medical lib. See numbers
- Garosi, Alcide. Siena nella storia della medicina, 1240-1555. Olschki '58 p559-62
- Garrison, Fielding Hudson. Garrison and Morton's Medical bibliography; an. annot. check-list of texts il. the history of medicine, by Leslie T. Morton. 2d ed Grafton '54 655p
- Guthrie, Douglas. History of medicine; rev. ed. with supplement. Lippincott '58 incl bibliog
- Koch, Michael S. Gamble-Curran medical history collection; a classified bibliography. Library. Downstate medical center, State univ. of N.Y. '57 46p annot
- Martí Ibáñez, Félix. Centaur; essays on the history of medical ideas. MD pubs. '58 p673-87
- Martí-Ibáñez, Félix, ed. History of American medicine; a symposium [contributors] John B. Blake [and others] (MD international symposia, 5) MD pubs. '59 incl bibliog
- Medical history. Dawson. See numbers
- Siebensenthal, Wolf von. Krankheit als folge der sünde; eine medizinhistorische untersuchung. (Heilkunde und geisteswelt; eine medizinhistorische schriftenreihe, v2) Schmorl & von Seefeld nachf. '50 p96-9
- World medical association. Seventy-five years of medical progress, 1878-1953; contributors: Bartemeier, Leo H. [and others] ed. and with a foreword by Louis H. Bauer. Lea '54 incl bibliog
- See also
- Medicine, Ancient
- Medicine—Early works
- Language
- See Medical writing
- Periodicals
- Aarhus, Denmark. Statsbibliotek. Tidsskriftfortegnelse omfattende medicin, odontologi, almindelig naturvidenskab, kemi og fysik i Statsbiblioteket, hospitaler og universitetsinstitutter i Århus. The library '55 58p
- Berlin. Deutsche staatsbibliothek. Medizin; verzeichnis der in der Deutschen staatsbibliothek laufend gehaltenen medizinischen zeitschriften; stand vom 1. dez. 1955. Volk & gesundheit '55 116p
- Beyerly, E. Abstracts of Soviet medicine; an appraisal. Med Lib Assn Bul 46:196-7 Ap '58
- Birket-Smith, Frederik, and Rasmussen, Charles. Leo tidsskriftfortegnelse; udenlandske tidsskrifter af medicinsk og beslægtet indhold, incl. odontologi og veterinærmedicin, i danske offentlige og private biblioteker. 2d ed Løvens kemiske fabrik '55 incl bibliog
- Directory of Japanese learned periodicals, 1957; pt2. Natural and medical sciences; comp. by Nat. Diet library. Lib. bur. '57 33p
- Forero Nogués, M. Revistas médicas. Asoc Colombiana Bibl Bol 1:20-3 Ja '57
- Johns Hopkins university. William H. Welch medical library. Survey of world medical serials and coverage by indexing and abstracting services [by] Williamina A. Hinrich [and others] The library '54 vp
- Kronick, D. A. Fielding H. Garrison list of medical and scientific periodicals of the 17th and 18th centuries; addenda et corrigenda. Bul Hist Med 32:456-74 S '58
- Lausanne. Librairie centrale. Catalogue des périodiques médicaux reçus dans les services universitaires et bibliothèques de Lausanne, 1955. The library '55 40p
- Mexico (city). Centro de documentación científica y técnica. Lista de revistas científicas mexicanas. The center '53? 8p
- New York. State library, Albany. Medical library. Serial publications currently received in the Library; a subject guide; comp. by L. Miles Raisig. The library '56 40p
- Onodera, S. Past and present of Japanese medical journals. Med Lib Assn Bul 46:73-81. 320-34 Ja, Jl '58 annot
- Oslo. Universitet. Bibliotek. Samkatalog over periodika: medicin med grenseområder; utenlandske tidsskrifter og serier i større norske biblioteker, institutter og sykehus. 2d rev ed Universitetsforlaget '58 154p
- Paris. Institut Pasteur. Catalogue des périodiques et des congrès. The institute '51 91p
- Supplément (rectifications, arrêts, reprises, nouveaux périodiques, nouveaux congrès) The institute '56 xxxv p
- Perugia. Università. Catalogo delle pubblicazioni periodiche italiane e straniere esistenti presso gli istituti universitari di Perugia; presentazione di Aldo Spirito; a cura dell'Univ. degli studi di Perugia e dei quaderni della Sezione perugina della S.I.B.S. The university '66 139p
- Prague. Výzkumný ústav pro farmacii a biochemii. Soupis některých lékařských časopisů v knihovnách CSR; sest. Studijní oddělení Výzkumného ústavu pro farmacii a biochemii. The institute '53 98p
- United States. Veterans administration. Library service. Union list of periodicals in the medical libraries of the Administration. 2d ed The service '57 751p
- Uppsala. Universitet. Bibliotek. Periodica medica upsaliensia. Katalog över löpande medicinska och medicinen närliggande tidsskrifter i Uppsala. The library '55 69p
- Vital notes on medical periodicals. Periodicals & serials pubs. com, Medical lib. assn. See numbers
- Five year cumulative index, 1952-1957; comp. and ed. by William K. Beatty [and] Virginia L. Beatty. Periodicals & serials pubs. com, Medical lib. assn. '58 139p
- World medical periodicals. Les périodiques médicaux dans le monde. Periódicos médicos del mundo. Medizinische zeitschriften aller länder; 2d rev. & enl. ed. by L. T. Morton. WHO '57 340p
- Philosophy
- Cremers, Jacques Thierry. De samenhang tussen de geestelijke en de stoffelijke aspecten van de mens. The relations between the spiritual and the material aspects of man. Scheitema & Holkema '54 p 129-35
- Niedermeyer, Albert. Allgemeine pastoralmedizin. Herder '54-'55 2v incl bibliog
- Practice
- Cecil, Russell La Fayette, and others, eds. Textbook of medicine. 9th ed Saunders '55 incl bibliog
- McCombs, Robert Pratt. Internal medicine; a physiologic and clinical approach to disease. Year bk. pubs. '56 incl bibliog
- Meakins, Jonathan Campbell, and others, eds. Practice of medicine. 6th ed Mosby '56 incl bibliog
- See also
- Children—Diseases
- Diagnosis
- Diet in disease
- Gynecology
- Nurses and nursing
- Obstetrics
- Therapeutics
- Research
- See Medical research
- Social aspects
- Colorado. State department of public welfare. Library. Social aspects of medical care. (Lib. counselor, v 12, no 1) The library '57 52p annot
- Falk, L. A. Medical sociology: the contributions of Dr Henry E. Sigerist. J Hist Med 13:227-8 Ap '58
- Freeman, H. E. and Reeder, L. G. Medical sociology: a review of the literature. Am Sociol R 22:73-81 F '57
- Lomholt, Esbern. Home conditions; a socio-medical study of 1066 hospitalized patients with skin and venereal diseases. (Sup 40) Acta dermatovenereologica '58 p57-9
- Study and teaching
- Bunell, Kevin P. Liberal education and American medicine: a bibliography. Inst. of higher education, Teachers college '57 29p annot
- See also
- Medical colleges
- Medical education

MEDICINE, Ancient

Steuer, Robert Otto, and Saunders, John Bertrand de Cusance Morant. *Ancient Egypt and Cnidian medicine; the relationship of their aetiological concepts of disease.* Univ. of Calif. press '59 p83-4

MEDICINE, Atomic. See Atomic medicine**MEDICINE, Aviation.** See Aeronautics—Medical aspects**MEDICINE, Clerical.** See Medicine, Pastoral**MEDICINE, Clinical**

Hoffman, William Samuel. *Biochemistry of clinical medicine.* Year bk. pubs. '54 incl bibliog

J. A. M. A. clinical abstracts of diagnosis and treatment, 1955[-1957] Intercontinental medical bk. corp. '55-'57 3v

MEDICINE, Experimental

Brandt-Nielsen, Erik. Experiments on the oxytocin sensitivity of the rat uterus; an investigation into the hormonal factors which control the length of gestation and the initiation of parturition in the white rat, by means of myographic experiments on isolated uteri from pregnant and parturient rats, and from rats under various experimental conditions. Danske forlag '51 p205-40

MEDICINE, Forensic. See Medical jurisprudence**MEDICINE, Industrial**

Baader, Ernst Wilhelm. *Gewerbekrankheiten; klinische grundlagen der 40 meldepflichtigen berufskrankheiten.* 4th enl & rev ed Urban & Schwarzenberg '54 incl bibliog

Eckardt, Robert E. *Industrial carcinogens.* (Modern monographs in industrial medicine. 4) Grune '59 incl bibliog

Hazlett, Theodore Lyle, and Hummel, William W. *Industrial medicine in western Pennsylvania, 1850-1950.* Univ. of Pittsburgh press '57 p250-9 annot

Ross, William Donald. *Practical psychiatry for industrial physicians;* foreword by Robert A. Kehoe; pref. by Maurice Levine. Thomas '56 incl bibliog

United States. Department of the air force. *Medical service; bibliog. on industrial medicine and occupational health.* (Air force pamphlet no 160-6-5) The department '57 10p

See also

Industrial ophthalmology

MEDICINE, Magic, mystic, and spagirc

Bayle, Jean Christian. *Magie et médecine.* La Table ronde '53 p251-2

See also

Aphrodisiacs

MEDICINE, Military

United States. Army medical service graduate school, Washington, D.C. *Recent advances in medicine and surgery (19-30 April 1954) based on professional medical experiences in Japan and Korea, 1950-1953.* (Medical science pub. no4) The school '55 incl bibliog

United States. National library of medicine. *Bibliography of military medicine relating to the Korean conflict, 1950-1956;* comp. by Charles Roos. The library '57 56p

United States. National library of medicine. *Bibliography of military medicine, United States and foreign, 1950-1955;* articles and bks. relating to military medical history and current military medical organization. The library '55 43p

United States. National library of medicine. *Military medicine.* U.S. Gov. ptg. office '55 289-1226p

United States. Surgeon-general's office. *Medical information and intelligence agency. Initial bibliography of Soviet military medicine, 1917-1950.* The office '57 58p

See also

Surgery, Military

United States—History—Civil war—Medical and sanitary affairs
World war, 1939-1945—Medical and sanitary affairs

Periodicals

United States. National library of medicine. *Military medical serials received in the Library, 1950-1956.* The library '56 8p

MEDICINE, Naval

United States. Naval medical research laboratory, New London, Connecticut. *Cumulative bibliography of research reports and publications originating in [the] Laboratory, 1942-1950;* comp. by Jessie W. Kohl. The laboratory '51 1v

MEDICINE, Pastoral

Niedermeyer, Albert. *Allgemeine pastoralmedizin.* Herder '54-'55 2v incl bibliog

MEDICINE, Preventive

Hubbard, John Perry, ed. *Early detection and prevention of disease.* McGraw '57 incl bibliog

Lamm, Abraham P. *Resúmenes de los artículos publicados en la Revista chilena de higiene y medicina preventiva desde 1937 hasta 1953 inclusive, volúmenes I al XV.* Santiago de Chile, Biblioteca central del servicio nacional de salud '57 79p

Prevention of disease in everyday practice, by Isadore Givner [and others] Mosby '55 incl bibliog

Rosenau, Milton Joseph. *Preventive medicine and public health* [ed. by] Kenneth F. Maxcy, with 27 contributing authors. 8th ed Appleton '56 incl bibliog

See also

Immunity

Public health

MEDICINE, Primitive

Gould, H. A. *Implications of technological change for folk and scientific medicine.* Am Anthropol 59:515-16 Je '57

MEDICINE, Psychosomatic

Bell, E. C. *Nutritional deficiencies and emotional disturbances.* J Psychol 45:66-74 Ja '58

Booi, Johannes, ed. *Psychosomatics; a ser. of five lectures.* (Folia psychiatrica, neurologica et neurochirurgica neerlandica. Sup. no3) Elsevier '57 incl bibliog

Burchinal, L. G. and Eppright, E. S. *Test of the psychogenic theory of obesity for a sample of rural girls.* Am J Clin Nutrition 7:294 My '59

Cremers, Jacques Thierry. *De samenhang tussen de geestelijke en de stoffelijke aspecten van de mens.* The relations between the spiritual and the material aspects of man. Scheltema & Holkema '54 p 129-35

Deutsch, Felix, ed. *Psychosomatic concept in psychoanalysis;* with contributions by Bernard Bandler [and others] (Boston psychoanalytic soc. and inst. Monograph ser, no 1) Int. univ. press '53 incl bibliog

Fisher, S. and Cleveland S. E. *Approach to physiological reactivity in terms of body-image schema.* Psychol R 64:35-7 Ja '57

Miller, Hyman, and Baruch, Dorothy Walter. *Practice of psychosomatic medicine;* as il. in allergy. McGraw '56 p 189-91

Neufeld, I. *Application of individual-psychological concepts in psychosomatic medicine.* Am J Individ Psychol 11 no2:114-69 '55

Obermayer, Maximilian Ernest. *Psychocutaneous medicine.* (Am lecture ser, pub. no239) Thomas '55 p431-71

O'Neill, Desmond, ed. *Modern trends in psychosomatic medicine.* (Modern trends ser) Hoeber '55 incl bibliog

Pende, Nicola, ed. *Traité de médecine biotypologique.* Doin '55 incl bibliog

Schlaegel, T. F. and Hoyt, Millard. *Psychosomatic ophthalmology.* Williams & Wilkins '57 incl bibliog

Schneider, Daniel Edward. *Image of the heart and the principle of synergy in the human mind.* Int. univ. press '56 p263-7

Staton, W. M. and Rutledge, J. A. *Measurable traits of personality and incidence of somatic illness among college students.* Res Q 26:203-4 My '55

Stemmer, Walter. *Die elementen des psychischen; ein beitrage zur allgemeinen seelenkunde und zur psychosomatischen medizin auf grund einer vergleichenden psychologie des menschen und der tiere.* Hippokrates-verlag Marquardt '53 p215-23

MEDICINE, Social. See Social medicine**MEDICINE, State.** See Medical service, State**MEDICINE, Tropical.** See Tropics—Diseases and hygiene**MEDICINE, Veterinary.** See Veterinary medicine

MEDICINE and religion

Fink, Leo Gregory. Doctor Luke, beloved physician; story of service to suffering humanity by the medical arts with no conflict between science and Catholicism. St Paul eds. '59 p 199-200

Siebethal, Wolf von. Krankheit als folge der sünde; eine medizinhistorische untersuchung. (Heilkunde und geisteswelt; eine medizinhistorische schriftenreihe, v2) Schmorl & von Seefeld nachf. '50 p96-9

See also

Christian science
Faith cure

MEDICINES, Patent, proprietary, etc.

Cook, James. Remedies and rackets; the truth about patent medicines today; with an introd. by Oliver Field. Norton '52 p238-45

MEDIEVAL architecture. See Architecture. Medieval**MEDIEVAL art.** See Art, Medieval**MEDIEVAL literature.** See Literature, Medieval**MEDIEVAL manuscripts.** See Manuscripts, Medieval**MEDINA, José Toribio, 1852-1930**

Feliú Cruz, G. Fondo histórico y bibliográfico José Toribio Medina: progress report. Hispan Am Hist R 35:271-3 My '55

Veyra, Jaime Carlos de. Medina en la historia de Filipinas. (Philippines (Republic) Bur. of public libs. Manuales de información, no7) Bur. of print. '52 p 13

MEDITATION

See also

Prayer

MEDITERRANEAN region

Runciman, Sir Steven. Sicilian vespers; a history of the Mediterranean world in the later thirteenth century. Cambridge '58 p331-8

Antiquities

French bibliographical digest; no20 (ser2) Archaeology (1945-1955) pt 1, The eastern Mediterranean by Jean Leclant. Cultural div, French embassy '56 79p annot

MEDULLASTOMA. See Cerebellum—Tumors**MEDUSAE.** See Jellyfish**MEETINGS.** See Public meetings**MEGALITHIC monuments**

Daniel, Glyn Edmund. Megalith builders of wester Europe. (Bks. that matter) Praeger '59 p 133-6 annot

MEIJERS, Eduard Maurits, 1880-1954

Bibliographie der geschriften van Prof Mr E. M. Meijers, in leven hoogleraar aan de Rijksuniversiteit te Leiden; samengesteld door R. Feenstra [et al] voorafgegaan door een levensbericht van E. M. Meijers, door R. P. Cleveringa en gevolgd door enige niet in de Verzamelde privaatrechtelijke opstellen opgenomen geschriften. Univ. pers Leiden '57 345p

MEIOSIS (botany)

Buffalo, N. D. Comparative cytological study of four species of chlamydomonas. Torrey Bot Club Bul 85:177-8 My '58

Crosby, A. R. Nucleolar activity of lagging chromosomes in wheat. Am J Bot 44:822 D '57

Endrizzi, J. E. Cytological studies of some species and hybrids in the eusorghums. Bot Gaz 119:9-10 S '57

Hovin, A. W. Meiotic chromosome pairing in amphihaploid poa annua L. Am J Bot 45:138 F '58

Howe, H. B. Crossing over and nuclear passing in neurospora crassa. Genetics 41:621-2 J1 '56

Lepper, R. Plant centrosome and the centrosome-blepharoplast homology. Bot R 22: 413-17 Je '56

Magoon, M. L. and others. Cytogenetic studies of some diploid solanums section tubarium. Am J Bot 45:220-1 Mr '58

Magoon, M. L. and others. Cytogenic studies of South American diploid solanums, section tubarium. Am Potato J 35:393-4 My '58

Mitra, S. Effects of X-rays on chromosomes of liliun longiflorum during meiosis. Genetics 43:787-9 N '58

Nielsen, E. L. Cytological disturbances influencing fertility in bromus inermis. Bot Gaz 116:304-5 Je '55

Sarkar, P. Crested wheatgrass complex. Can J Bot 34:345 My '56

Walters, J. L. Spontaneous meiotic chromosome breakage in natural populations of paeonia californica. Am J Bot 43:353-4 My '56

Walters, M. S. Aberrant chromosome movement and spindle formation in meiosis of bromus hybrids: an interpretation of spindle organization. Am J Bot 45:288-9 Ap '58

Widra, A. and DeLamater, E. D. Cytology of meiosis in schizosaccharomyces octosporus. Am J Bot 42:434-5 My '55

MEISNER, Heinrich Otto, 1890- Germany (Democratic Republic, 1949-) Staatliche archivverwaltung. Archivar und historiker, studien zur archiv- und geschichtswissenschaft; zum 65. geburtstag von Heinrich Otto Meisner. (Schriftenreihe, no7) Rütten & Loening '56 p9-12

MEISTERSINGER

See also

Minnesingers

MELANESIA

Antiquities

Shutler, D. Melanesia. Asian Perspect 1:144-50 Summer '57

MELBOURNE, University

Blainey, Geoffrey. Centenary history of the University of Melbourne. The university '57 p211-14 annot

MELLANBY, Sir Edward, 1884-1955

Dale, H. H. Edward Mellanby, 1884-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p219-22)

MELONS

Diseases and pests

Reid, J. Studies on the fusaria which cause wilt in melons. Can J Bot 36:409-10, 536-7 My-J1 '58

MELTING

Pfann, William G. Zone melting. (Wiley ser. on the science and technology of materials) Wiley '58 incl bibliog

MELVILLE, Herman, 1819-1891

Melville bibliography 1951[-1952-1957] Providence. Public lib. '51-'59 2v

Rosenberry, Edward H. Melville and the comic spirit. Harvard univ. press '55 p201-5

Stern, Milton R. Fine hammered steel of Herman Melville; with a checklist of Melville studies. Univ. of Ill. press '57 p251-91

MEMBRANES (physiology)

Quay, W. B. and Reeder, W. G. Hemorrhagic and hemopoietic nodules in the alar and interfemoral membranes of pizonyx vivisei (chiroptera) J Morphol 94:457-60 My '54

MEMELLAND

Szameitat, Max. Bibliographie des Memellandes. (Göttinger arbeitskreis. Ostdeutsche beiträge, v7) Holzner '57 248p

MEMOIRS. See Autobiography**MEMORY**

David, A. Past experience and present personality dispositions as determinants of selective auditory memory. J Personality 25:31-2 S '56

See also

Attention
Recall (psychology)
Retention (psychology)

MEMORY, Disorders of

See also

Aphasia

MENCKEN, Henry Louis, 1880-1956

Angoff, Charles. H. L. Mencken; a portrait from memory. Thomas Yoseloff '56 p237-8

Porter, Bernard H. H. L. Mencken: a bibliography. Swallow '58 12p

MENDENHALL, Walter Curran, 1871-1957

Leighton, M. M. Walter Curran Mendenhall, 1871-1957. Am Assn Pet Geol Bul 42:689-90 Mr '58

MÉNDEZ PEREIRA, Octavio, 1887-1954

Susto, Juan Antonio. Dr Octavio Méndez Pereira (bio-bibliografía) Icharia dictada en el Colegio La Salle, con motivo de la Semana del libro, el 25 de agosto de 1954 y publicada bajo los auspicios de la Univ. de Panamá. Impreso en la U.P. '54 16p

MENÉNDEZ Y PELAYO, Marcelino, 1856-1912

Instituto nacional del libro español. Bibliografía de las obras de don Marcelino Menéndez Pelayo; aportación al insigne escritor en el 1^{er} centenario de su nacimiento, 1856-1956. Gráficas González '56 49p

- MENÉNDEZ Y PELAYO, Marcelino**—*Continued*
Rio de Janeiro. Biblioteca nacional. Catálogo da exposição bibliográfica comemorativa do primeiro centenário do nascimento de Marcelino Menéndez Pelayo. The library '56 119p
- Simón Díaz, José. Estudios sobre Menéndez y Pelayo. (Monografías bibliográficas, 4; bibliog. 2) Inst. de estudios madrileños '54 72p
- Woodbridge, H. C. American bibliography of Marcelino Menéndez y Pelayo. R Interam Bibliog 6:329-50 O '56 annot
- MENGAUD, Louis**, 1876-1957
Casteras, M. Louis Mengaud. Soc Géol France Bul 8:373-6 D '58
- MENGER, Karl**, 1902-
Menger, Karl. Calculus; a modern approach. Ginn '55 p346-7 annot
- MENOMINEE Indians**
Spindler, George D. Sociocultural and psychological processes in Menominee acculturation. (Calif. Univ. Pubs. in culture and society, v5) Univ. of Calif. press '55 p253-6
- MENOPAUSE**
Gray, Madeleine. Changing years; what to do about the menopause, new rev ed Doubleday '58 p269-75
- MENSTRUATION**
Jones, Georgeanna Seegar. Management of endocrine disorders of menstruation and fertility. (Am. lecture ser. pub. no206) Thomas '54 p 157-82
- Cessation
See Menopause
- MENSURATION**
Leinweber, Paul, ed. Taschenbuch der Längenmesstechnik für konstruktion, werkstatt, messraum und kontrolle; in gemeinschaft mit G. Berndt und O. Kienzie. Springer '54 incl bibliog
- Scott Blair, George William. Measurements of mind and matter. Philosophical lib. '56 p 113-14
See also
Measuring instruments
- MENTAL deficiency**
Clarke, Ann Margaret, and Clarke, Alan Douglas Benson. Mental deficiency; the changing outlook. Free press '58 p465-95
- Hilliard, L. T. and others. Mental deficiency. Churchill '57 incl bibliog
- Wallin, John Edward Wallace. Mental deficiency in relation to problems of genesis, social and occupational consequences, utilization, control, and prevention; with a foreword by Frederick C. Thorne. Journal of clinical psychology '56 incl bibliog
- MENTAL discipline**
Kolesnik, Walter B. Mental discipline in modern education. Univ. of Wis. press '58 p207-22
- MENTAL diseases.** See Mental illness
- MENTAL healing.** See Psychotherapy
- MENTAL hospitals.** See Hospitals, Psychiatric
- MENTAL hygiene**
Ackerman, Nathan Ward. Psychodynamics of family life; diagnosis and treatment of family relationships. Basic bks. '58 p351-65
- Anderson, Camilla May. Beyond Freud; a creative approach to mental health. Harper '57 p271-3
- Bernard, Harold Wright. Toward better personal adjustment. 2d ed McGraw '57 p439-44
- Carroll, Herbert A. Mental hygiene; the dynamics of adjustment. 3d ed Prentice-Hall '56 p407-12
- Clausen, John A. Sociology and the field of mental health. Russell Sage '56 p53-62
- Cumming, Elaine, and Cumming, John. Closed ranks; an experiment in mental health education. Harvard univ. press '57 p 159-65
- Ditzen, Lowell Russell. You are never alone. Holt '56 p251-3
- Farnsworth, Dana Lyda. Mental health in college and university. Harvard univ. press '57 p227-9
- Felix, R. H. Bookshelf on mental health. Am J Pub Health 46:397-407 Ap '56 annot
- Funkenstein, Daniel H. and Wilkie, George H. Student mental health; an annot. bibliog. 1936-1955. World federation for mental health '56 297p
- Iowa, University. Committee on preventive psychiatry. Proceedings of the 1st[2d] Institute on preventive psychiatry, 1957[1959] State univ. of Iowa '57-'59 2v incl bibliog
- Jourard, Sidney M. Personal adjustment; an approach through the study of healthy personality. Macmillan '58 incl bibliog annot
- Kaplan, Louis. Mental health and human relations in education. (Education for living ser) Harper '59 incl bibliog
- Katz, Barney, and Thorpe, Louis Peter. Understanding people in distress; emotional and mental disorders: their cause, care, and cure. Ronald '55 p343-51 annot
- Lang, Gladys Engel, ed. Mental health. (Reference shelf, v30, no 1) Wilson '58 p 184-92
- Lemkau, Paul Victor. Mental hygiene in public health. 2d ed (McGraw-Hill ser. in health science) McGraw '55 incl bibliog
- Mangus, A. R. Perspectives for social science research in mental health. Rural Sociol 21: 22-4 Mr '56
- Mental and physical health; reviews the literature for the seven year period since Dec. 1949. R Educ Res 26:413-562 D '56
- National society for the study of education. Committee on mental health in modern education. Mental health in modern education; ed. by Nelson B. Henry. (Nat. soc. for the study of education. Yrbk. 54, pt2) Univ. of Chicago press '55 incl bibliog
- Rogers, Dorothy. Mental hygiene in elementary education. Houghton '57 incl bibliog
- Royce, James E. Personality and mental health. Bruce pub. '55 incl bibliog
- Schneiders, Alexander Aloysius. Personal adjustment and mental health. Rinehart '55 incl bibliog
- Scott, W. A. Research definitions of mental health and mental illness. Psychol Bul 55: 43-5 Ja '58
- Stevenson, George Salvadore. Mental health planning for social action. McGraw '56 incl bibliog
- United States. National advisory mental health council. Community services committee. Evaluation in mental health, a review of the problem of evaluating mental health activities; rep. of the Subcom. on evaluation of mental health activities. (Pub. no413) U.S. Public health service; Nat. insts. of health; Nat. inst. of mental health '55 p61-281
- United States. National institute of mental health. Review of mental health in industry; based on a survey of the literature. Community services branch. Nat. inst. of mental health; Nat. insts. of health; U.S. Public health service '57 1v
- Wall, William Douglas. Education and mental health; a rep. based upon the work of a European conference called by UNESCO at the Musée pédagogique in Paris, Nov.-Dec. 1952. (Problems in education, 11) UNESCO '55 incl bibliog
- Wittenberg, Rudolph Max. Adolescence and discipline; a mental hygiene primer. Assn. press '59 p313-18
See also
Morale
- MENTAL illness**
Buchbinder, L. and Ferguson, A. R. Does the public health laboratory have a role in mental illness? Am J Pub Health 48:481-3 Ap '58
- Eysenck, Hans Jurgen, and others. Perceptual process and mental illness. (Maudsley monographs, no2) Basic bks. '57 p 129-35
- Lund, F. H. and Glosser, H. J. Nature of mental illness: diversity of psychiatric opinion. Education 78:165-6 N '57
- McCord, William, and McCord, Joan. Psychopathy and delinquency. Grune '56 incl bibliog
- Sarason, Seymour Bernard, and Gladwin, Thomas. Psychological and cultural problems in mental subnormality, a review of the research. (Genetic psychology monographs, v57, no 1) Journal press '58 p271-84
- Schwartz, Herman S. Home care for the emotionally ill. Sessions pubs. '57 p211-27 annot
- Scott, W. A. Research definitions of mental health and mental illness. Psychol Bul 55: 43-5 Ja '58
- Scott, W. A. Social psychological correlates of mental illness and mental health. Psychol Bul 55:85-7 Mr '58
- Sorensen, William H. comp. Ecological distribution of mental disorders; a bibliography. Ill. Dept. of public welfare '54 4p

MENTAL illness—*Continued*

- Wells, F. L. Bibliography. (In Greenblatt, Milton, and others. From custodial to therapeutic patient care in mental hospitals; explorations in social treatment. Russell Sage '55 p430-84)
- Zubin, J. and Windle, C. Psychological prognosis of outcome in the mental disorders. *J Abnorm & Social Psychol* 49:279-81 Ap '54
- See also*
 Insanity
 Mental deficiency
 Mentally handicapped
 Psychology, Pathological
 Psychoses

Statistics

- Wright, F. M. and Ozarin, L. D. Statistical surveys in the field of mental disorders. *Mental Hyg* 41:540-1 O '57
- MENTAL illness and art. See Art and mental illness

MENTAL stereotype. See Stereotype (psychology)

MENTAL tests. See Intelligence tests

MENTALLY handicapped

- Davies, Stanley Powell. Mentally retarded in society; with the collaboration of Katharine G. Ecob. Columbia univ. press '59 p235-6
- Jacobs, Abraham, and Weingold, Joseph T. Sheltered workshop; a community rehabilitation resource for the mentally retarded. Teachers college '58 p 101-5
- Michal-Smith, Harold. Mentally retarded patient. Lippincott '56 p 169-84
- Philadelphia commission on the mentally retarded. Study of the problem of mental retardation. The commission '56 p57

MENZEL, Adolph Friedrich Erdmann von, 1815-1905

- Berlin. National galerie. Ausstellung Adolph von Menzel aus anlass seines 50. todestages, Berlin, mai bis juni 1955 im Museum Dahlem. The museum '55 p 103-10

MERCANTILE system

- See also*
 Free trade and protection

MERCAPTO compounds

- Leopold, A. C. and Price, C. A. Sulfhydryls in plants. *Plant Physiol* 32:524-5 N '57

MERCAPTO groups

- Burchfield, H. P. and Storrs, E. E. Influence of pH and group interactions on the reactivities of metabolites and related compounds containing sulfhydryl groups. Boyce Thompson Inst Contrib 19:434-6 Jl '58

MERCATI, Silvio Giuseppe, 1877-

- Associazione nazionale per gli studi bizantini. Silloge bizantina, in onore di Silvio Giuseppe Mercati. (Studi bizantini e neolentici. v9) The association '57 p ix-xxiii

MERCHANT marine

- Albion, Robert Greenhalgh. Maritime and naval history; an annot. bibliography. rev ed. Marine historical assn. '55 94p
- Christiansen, Uwe. Seeverkehrsstatistik; methoden und probleme. (Hamburg. Univ. Verkehrswissenschaftliches seminar. Schriften, v 1) Schiffahrts-verlag Hansa '54 p72-81
- National research council. Maritime cargo transportation conference. Containerization in maritime transportation of general cargo; a partial bibliog. prepared by the Conference, Nov. 30, 1957. (Pub. 558) The council '57 25p
- Willers, Uno Erik Wilhelm. Svensk sjöhistorisk litteratur, 1800-1943; bibliografi utarb. på uppdrag av Sjöhistoriska samfundet. Sjöhistoriska samfundet '56 211p

See also
 Free ports and zones

Harbors

Shipping

France

- Barbance, Marthe. Histoire de la Compagnie générale transatlantique; un siècle d'exploitation maritime; préf. de Roger Vercel. Arts & métiers graphiques '55 p423-7

Germany

- Rogowsky, Jochen. Die wiederaufbaufinanzierung der seeschiffahrtbetriebe in Westdeutschland bis zum Jahre 1954 und ihre betriebswirtschaftliche Problematik. Tritsch '54 p 164-7
- Steinweg, Günther. Die deutsche handelsflotte im zweiten weltkrieg, aufgaben und schicksal. Schwartz '54 p 177-8

United States

- Goldberg, Joseph P. Maritime story; a study in labor-management relations. (Harvard univ. Wertheim pubs. in industrial relations. Studies in labor-management history) Harvard univ. press '58 p341-55
- Gorter, Wytze. United States shipping policy. (Council on foreign relations. Pubs) Harper '56 p222-6
- Hohman, Elmo Paul. History of American merchant seamen. Shoe string '56 p 119-22
- United States. Congress. House. Committee on merchant marine and fisheries. Survey of the American merchant marine policies and problems. U.S. Gov. ptg. office '54 p23-39
- United States. Superintendent of documents. Transportation, highways, and roads. (Price list 25, 43d ed) U.S. Gov. ptg. office '57 16p

See also
 Ship subsidies

MERCHANT seamen

- Weintraub, Hyman. Andrew Furuseth, emancipator of the seamen. (Calif. Univ. Inst. of industrial relations. Pubs) Univ. of Calif. press '59 p239-60

MERCK, Johann Heinrich, 1741-1791

- Prang, H. Johann Heinrich Merck-bibliographie. Mercksche Familienz 19 no 1/2: 5-59 '53

MERCURY

- Ebner, M. Jane. Selected bibliography on quicksilver, 1811-1953. (U.S. Geological survey. Bul. 1019A) U.S. Gov. ptg. office '54 62p

MERCURY poisoning

- Dinman, B. and others. Organic mercury. AMA Archives Ind Health 18:260 S '58
- Voress, Hugh E. and Smelcer, Naomi K. Mercury toxicity; a bibliog. of pub. literature. Technical information service extension. U.S. Atomic energy comm. '57 52p

MEREDITH, George, 1828-1909

- Lindsay, Jack. George Meredith, his life and work. Bodley Head '56 p411-16
- Sawin, H. L. George Meredith; a bibliog. of Meredithiana, 1920-1953. Bul Bibliog 21: 186-91, 215-16 S '55-Ja '56

MERGERS. See Business consolidations and mergers

MERIAN, Maria Sibylla (Frau J. A. Graff) 1647-1717

- Deckert, H. Das blumenbuch der Maria Sibylla Merian. Zentr Bibl 71:367-70 S '57 annot

MERICA, Paul Dyer, 1839-1957

- Jeffries, Z. Paul Dyer Merica. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p235-40)

MERISTEMS

- Brown, W. V. and others. Organization of the grass shoot apex and systematics. Am J Bot 44:594-5 Jl '57
- Gifford, E. M. Shoot apex in angiosperms. Bot R 20:523-9 O '54
- Jacobs, W. P. and Morrow, I. B. Quantitative study of xylem development in the vegetative shoot apex of coleus. Am J Bot 44:842 D '57
- Kundu, B. C. and Rao, N. S. Origin and development of axillary buds in jute (Cochorus capsularis) Ann Bot 18:373-4 Jl '54
- McGahan, M. W. Vascular differentiation in the vegetative shoot of xanthium chinense. Am J Bot 42:140 F '55
- Millington, W. F. and Fisk, E. L. Shoot development in xanthium pennsylvanicum. Am J Bot 43:664-5 N '56
- Popham, R. A. Cytogenesis and zonation in the shoot apex of chrysanthemum morifolium. Am J Bot 45:206 Mr '58
- Sacher, J. A. Cataphyll ontogeny in pinus lambertiana. Am J Bot 42:90-1 Ja '55
- Savelkoul, R. M. H. Distribution of mitotic activity within the shoot apex of elodea densa. Am J Bot 44:316-17 Ap '57
- Sterling, C. Dormant apical bud of agathis lanceolata. Bot Gaz 120:52-3 S '58
- Sun, C. N. Histogenesis of the leaf and structure of the shoot apex in glycine max (L.) Merrill. Torrey Bot Club Bul 84:173-4 My '57
- Wardlaw, C. W. On the organization and reactivity of the shoot apex in vascular plants. Am J Bot 44:184-5 F '57
- Zamora, P. M. Zonal structure of the shoot apex of oryza sativa L. Philippine Ag 42: 402-3 Mr '59

MERIT system. See Civil service

- MERRILL, Elmer Drew**, 1876-1956
Howard, R. A. Elmer Drew Merrill, 1876-1956. Arnold Arbor J 37:213-16 J1 '56
- Robbins, W. J. Elmer Drew Merrill. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '53 p304-33)
- MERRIMAC river and valley**
Holden, Raymond. Peckham, Merrimack. (Rivers of Am) Rinehart '58 p289-96
- MERRY DEL VAL, Raphael, cardinal**, 1865-1930
Quinn, Sister Mary Bernetta. Give me souls: a life of Raphael Cardinal Merry del Val. Newman press '58 p261-4
- MERSMAN, Hans**, 1891-
Wiora, Walter, ed. Musikerkenntnis und musikerziehung; dankesgaben für Hans Mersmann zu seinem 65. geburtstag. Bärenreiter-verlag '57 p213-23
- MERTON, Thomas**, 1915-
Dell'Isola, Frank. Thomas Merton: a bibliography. Farrar, Straus '56 116p
- MESA, Cristóbal de**, 1562-1633
Rodríguez Moñino, Antonio R. Cristóbal de Mesa; estudio bibliográfico (1562-1633) The author '51 119p
- MESCAL**
See also
Pulque
- MESOCOTYLS**
Tucker, S. C. Ontogeny of the etiolated seedling mesocotyl of zea mays. Bot Gaz 118: 174 Mr '57
- MESOLITHIC period**. *See* Stone age
- MESOMERISM**
Wheland, George Willard. Resonance in organic chemistry. Wiley '55 p785-99
- MESONS**
European organization for nuclear research. Symposium du CERN sur les accélérateurs de haute énergie et la physique des mesons π . Genève, 11-25 juin 1956; comptes rendus. CERN symposium on high energy accelerators and pion physics. Geneva, 11th-23rd [sic] June 1956; proceedings. (CERN 56-25-26) The organization '56 2v incl bibliog
- MESOPHILIC bacteria**. *See* Bacteria, Mesophilic
- MESOPOTAMIA**. *See* Iraq
- MESOZOA**
Stunkard, H. W. Life-history and systematic relations of the mesozoa. Q R Biol 29:242-4 S '54
- MESQUITE**
Glendenning, George Elmo, and Paulsen, Harold A. Reproduction and establishment of velvet mesquite as related to invasion of semidesert grasslands. (U.S. Dept. of agriculture. Technical bul. no 1127) U.S. Gov. ptg. office '55 p48-50
- MESSIAH**
Bentzen, Aage. King and Messiah; tr. by the author. (Lutterworth studies in church and Bible) Lutterworth press '55 p81-112
- Mowinkel, Sigmund Olaf Plytt. He hath cometh; tr. by G. W. Anderson. Abingdon '56 p473-98
- See also*
Jesus Christ—Messiahship
- Prophecies
Heinisch, Paul. Christus der erlöser im Alten Testament. Verlag Styria '55 p 11-22
- MEŠTROVIČ, Ivan**, 1883-
Schmeckebier, Laurence, Ivan Meštrovič; sculptor and patriot. Syracuse univ. press '59 p vi
- METABOLIC antagonists**. *See* Antimetabolites
- METABOLISM**
Bahr, G. F. Changes in liver cell elements during stimulated protein synthesis; a cytochemical study. (Sup 147) Acta radiologica '57 p 100-11
- Eichorn, D. H. and McKee, J. P. Physiological instability during adolescence. Child Develop 29:266-8 Je '58
- Frazier, E. I. and others. Nicotinic acid metabolism in humans. J Nutrition 56: 514-16 Ag '55
- Garcia, P. and others. Relation of age to fat absorption in adult women together with observations on concentration of serum cholesterol. J Nutrition 55:608-9 Ap '55
- Grunfeld, F. J. and Merilan, C. P. Effect of supplementary amino acids and adenosine phosphates on motility and metabolism of bovine spermatozoa. (Research bul. 592) Agricultural experiment station, College of agriculture, Univ. of Mo. '55 p 18-20
- Gyorgy, P. On the role of antibiotics in nutrition and metabolism. Am J Clin Nutrition 6:410-1 S '58
- Hawthorne, B. E. and others. Metabolic patterns of a group of overweight, underweight and average weight women. J Nutrition 60: 409-11 N '56
- Hers, H. G. Le métabolisme du fructose. Eds. Arscia '57 p 183-200
- Holemans, K. and Lambrechts, A. Nitrogen metabolism and fat absorption in malnutrition and in kwashiorkor. J Nutrition 56:492-4 Ag '55
- Horwitz, M. K. and others. Tryptophan-niacin relationships in man. J Nutrition 60 sup 1: 41-3 O '56
- Lengemann, F. W. and others. Absorption of calcium and strontium from milk and non-milk diets. J Nutrition 61:582-3 Ap '57
- Meyer, Frieda L. and others. **Standardized diet for metabolic studies; its development and application.** (U.S. Dept. of agriculture. Technical bul. no 1126) U.S. Gov. ptg. office '55 p71-81
- Murphy, Quillian R. ed. Metabolic aspects of transport across cell membranes. Univ. of Wis. press '57 incl bibliog
- National vitamin foundation. Symposium on the role of some of the newer vitamins in human metabolism and nutrition; proceedings of the Nutrition symposium held at Vanderbilt univ. School of medicine, Nashville, Tenn, Oct. 20-21, 1955. (Nutrition symposium ser, no 12) The foundation '56 incl bibliog
- National vitamin foundation, incorporated. Symposium on vitamin metabolism; proceedings of a symposium held under the auspices of the Univ. of Tex. and the Foundation, New York city, March 6, 1956. (Nutrition symposium ser, no 13) The foundation '56 incl bibliog
- Price, J. M. and others. Quantitative studies on the urinary excretion of tryptophan metabolites by humans ingesting a constant diet. J Nutrition 60:332-3 N '56
- Royce, J. Use of body components as reference standards for basal metabolic rate. Res Q 29:72-3 Mr '58
- Schofield, F. A. and others. Utilization of calcium, phosphorus, riboflavin and nitrogen on restricted and supplemented diets. J Nutrition 59:575-7 Ag '56
- Schumann, Heinrich. Der muskelstoffwechsel des herzens; seine physiologie, pathologie und klinik. (Kreislauf-bücherei, v 10) Steinkopff '50 p 123-48
- Theophilus, F. Nitrogen balance studies on south Indian women. Madras Univ J secB 26:504-5, 519-20 D '56
- Thompson, E. M. and others. Effect of high environmental temperature on basal metabolism and serum ascorbic acid concentration of women. J Nutrition 68:46-7 My '59
- Umbreit, Wayne William. Metabolic maps. Burgess '52 incl bibliog
- Van Huss, W. D. and Cureton, T. K. Relationship of selected tests with energy metabolism and swimming performance. Res Q 26:220-1 My '55
- Vivian, V. M. and others. Some aspects of tryptophan metabolism in human subjects. J Nutrition 66:597-8 D '58
- Wagner, Robert Philip, and Mitchell, Herschel Kenworthy. Genetics and metabolism. Wiley '55 p413-30
- Walker, Burnham Sarle, and others. Biochemistry and human metabolism. 3d ed Williams & Wilkins '57 incl bibliog
- Watts, J. H. and Graham, D. C. W. Calcium excretion in human subjects at two levels of milk intake. J Dairy Sci 41:1228-9 S '58
- Wertz, A. W. and others. Tryptophan-niacin relationships in pregnancy. J Nutrition 64: 352-3 Mr '58
- Young, C. M. and others. Weight reduction in obese young men. J Nutrition 61:454-6 Mr '57
- See also*
Antimetabolites
Calcium in the body
Cell metabolism
Iron in the body

METABOLISM—See also—Continued

- Molybdenum in the body
 Nitrogen in the body
 Oxygen consumption
 Phosphorus in the body
 Purines
 Respiration
 Strontium in the body
 Sulfur metabolism
 Urea
- METABOLISM (algae)**
 Bidwell, R. G. S. Photosynthesis and metabolism of marine algae. *Can J Bot* 35:950; 36:349 N '57, My '58
 Fogg, G. E. Photosynthesis and formation of fats in a diatom. *Ann Bot* 20:284-5 Ap '56
 Lewin, J. C. Silicon metabolism in diatoms. *Plant Physiol* 30:134 Mr '55
 Thomas, W. H. and Krauss, R. W. Nitrogen metabolism in scenedesmus as affected by environmental changes. *Plant Physiol* 30: 121-2 Mr '55
- METABOLISM (animals)**
 Banerjee, S. and Basak, R. Studies on the biosynthesis of nicotinic acid from tryptophan in the rhesus monkey. *J Nutrition* 61:401-3 Mr '57
 Blackshaw, A. W. and others. Factors influencing metabolic activity of bull spermatozoa. *J Dairy Sci* 40:1098, 1105-6 S '57
 Boda, J. M. and Cole, H. H. Calcium metabolism with special reference to parturient paresis (milk fever) in dairy cattle. *J Dairy Sci* 39:1043-54 Jl '56
 Bullock, T. H. Compensation for temperature in the metabolism and activity of poikilotherms. *Cambridge Philos Soc Biol R* 30:337-42 Ag '55
 Calhoun, T. B. and Angerer, C. A. Adrenal cortical extract on the oxygen consumption of normal frogs. *Physiol Zool* 28:345 O '55
 Cama, H. R. and others. Effect of thyroid activity on the conversion of carotene and retinene to vitamin A and on serum proteins. *J Nutrition* 63:582-3 D '57
 Dawson, W. R. Relation of oxygen consumption and evaporative water loss to temperature in the cardinal. *Physiol Zool* 31:48 Ja '58
 Eastergreen, V. L. and others. Diurnal variation and characterization of urinary neutral steroids and the effects of ACTH on these and other metabolites in dairy cattle. (Technical bul. 23) Wash. agricultural experiment stations, State college of Wash. 57 p39-47
 Ellis, W. C. and others. Nitrogen utilization by lambs fed purified rations containing urea, gelatin, casein, blood fibrin, and soybean protein. *J Nutrition* 60:423-5 N '56
 Flerchinger, F. H. and Erb, R. E. Metabolism of bull semen. *J Dairy Sci* 38:1035-6 S '55
 Gardner, D. E. and others. Investigations on the metabolism of fluoride. *J Nutrition* 61:216-17 F '57
 Gerking, S. D. Influence of rate of feeding on body composition and protein metabolism of bluegill sunfish. *Physiol Zool* 28:281-2 O '55
 Goodman, R. M. Effect of the W^v allele in the mouse on the differential excretion of the optical isomers of several amino acids. *J Exp Zool* 132:215-17 Jl '56
 Green, M. R. Carbohydrate metabolism of mouse muscle in relation to infection with coxsackie virus, group A. *J Exp Zool* 133: 501-4 D '56
 Guggenheim, K. and Halevy, S. Metabolism of pteroylglutamic acid and liver levels of nucleic acids. *J Nutrition* 63:239-40 O '57
 Hiscock, I. D. Osmoregulation in Australian freshwater mussels (lamellibranchiata). *Australian J Marine & Freshwater Res* 4:328-9, 341-2 N '53
 Irving, L. and others. Metabolism of some Alaskan animals in winter and summer. *Physiol Zool* 28:185 Jl '55
 Jurtshuk, P. and others. Anaerobic purine dissimilation by washed suspensions of bovine rumen bacteria. *J Dairy Sci* 41:201-2 Ja '58
 Kemp, N. E. Localization of glycine-2-C¹⁴ injected into adult female frogs. *J Exp Zool* 133:236-7 N '56
 Leveille, G. A. and Fisher, H. Observation on lipid utilization in hens fed vegetable and animal fat supplemented diets. *Poultry Sci* 37:663-4 My '58
 Løvtrup, S. and Werdinius, B. Metabolic phases during amphibian embryogenesis. *J Exp Zool* 135:218-20 Jl '57
 McDaniel, E. G. and others. Tryptophanniacin metabolism in alloxan diabetic rats. *J Nutrition* 59:421-3 Jl '56
 March, R. B. and others. Metabolism of systox in the white mouse and American cockroach. *J Econ Entom* 48:363 Ag '55
 Marshak, R. R. Some metabolic derangements associated with magnesium metabolism in cattle. *Am Vet Med Assn J* 133: 541-2 D 1 '58
 Martin, A. W. and Fuhrman, F. A. Relationship between summated tissue respiration and metabolic rate in the mouse and dog. *Physiol Zool* 28:33-4 Ja '55
 Mellen, W. J. and others. Studies of the energy requirements of chickens; effect of dietary energy level on the basal metabolism of growing chickens. *Poultry Sci* 33: 798 Jl '54
 Meng, H. C. and Youmans, J. B. Utilization of a synthetic triglyceride preparation by weanling rats. *J Nutrition* 55:539-41 Ap '55
 Metta, V. C. and Mitchell, H. H. Comparison of the biological values of dietary protein incorporated in high- and low-fat diets. *J Nutrition* 59:511-13 Ag '56
 Mills, C. F. and others. Metabolic effects of molybdenum toxicity in the rat. *J Nutrition* 65:140-2 My '58
 Mixner, J. P. and others. Bovine semen metabolism. *J Dairy Sci* 40:148, 1315-16 F, O '57
 Morrison, W. D. and others. Utilization of D-tryptophan by the chick. *J Nutrition* 60: 61-3 S '56
 Mueller, W. J. and others. Influence of age and sex on the utilization of proximate nutrients and energy by chickens. *J Nutrition* 58:49-50 Ja '56
 Pfeifer, J. J. and Holman, R. T. Effect of saturated fat upon essential fatty acid metabolism of the rat. *J Nutrition* 68:166-8 My '59
 Ross, M. L. and Pike, R. L. Relationship of vitamin B₆ to protein metabolism during pregnancy in the rat. *J Nutrition* 58:266-8 F '56
 Rudnick, D. and others. Enzymes of glutamine metabolism in the developing chick embryo. *J Exp Zool* 126:320-1 Jl '54
 Salem, H. and Reda, H. Calcium and phosphorus metabolism and egg shell formation in Egyptian birds. *Poultry Sci* 34:204-5 Ja '55
 Sauberlich, H. E. Methionine, homocystine, choline, folic acid and vitamin B₁₂ in the nutrition of the mouse. *J Nutrition* 68:152-3 My '59
 Thompson, A. and others. Influence of aluminum and zinc upon the absorption and retention of calcium and phosphorus in lambs. *J Animal Sci* 18:196-7 F '59
 Whiting, F. and Bezeau, L. M. Calcium, phosphorus, and zinc balance in pigs as influenced by the weight of pig and the level of calcium, zinc, and vitamin D in the ration. *Can J Animal Sci* 38:116-17 D '58
 Whiting, F. and Bezeau, L. M. Metabolic fecal nitrogen excretion of the pig as influenced by the amount of fibre in the ration and by body weight. *Can J Animal Sci* 37:104-5 Je '57
 Yoshida, A. and others. Effects of protein per calorie ratio and dietary level of fat on calorie and protein utilization. *J Nutrition* 63:568-70 D '57
- See also*
 Gradient theory (physiology)
- METABOLISM (bacteria)**
 Adelson, L. M. and others. Metabolism of lipids and lipid derivatives by a soil actinomycete. *J Bact* 73:152-3 F '57
 Alimchandani, H. R. and Sreenivasan, A. Studies on the accumulation of 4-amino-5-imidazole carboxamide in *Escherichia coli*. *J Bact* 74:178-9 Ag '57
 Barban, S. Studies on the metabolism of the treponemata. *J Bact* 68:497; 71:277 O '54, Mr '56
 Borek, E. and others. Studies on a mutant of *Escherichia coli* with unbalanced ribonucleic acid synthesis. *J Bact* 71:322-3; 75: 76 Mr '56, Ja '58
 Brooke, M. S. and Magasanik, B. Metabolism of purines in aerobacter aerogenes: a study of purineless mutants. *J Bact* 68:732-3 D '54

METABOLISM (bacteria)—Continued

- Campbell, L. L. Reductive degradation of pyrimidines. *J Bact* 73:223-4, 228-9 F '57
- Clark, W. M. and others. Symposium on electron transport in the metabolism of microorganisms. *Bact R* 19:247-50, 260-2 D '55
- Cohen, G. N. and Monod, J. Bacterial permeases. *Bact R* 21:191-4 S '57
- Cohen, S. S. and Barner, H. D. Studies on the induction of thymine deficiency and on the effects of thymine and thymidine analogues in *Escherichia coli*. *J Bact* 71:596-7 My '56
- Cohn, M. Contributions of studies on the β -galactosidase of *Escherichia coli* to our understanding of enzyme synthesis. *Bact R* 21:164-8 S '57
- Curtis, W. and Ordal, E. J. Hydrogenase and hydrogen metabolism in *Micrococcus aerogenes*. *J Bact* 68:360-1 S '54
- Cynkin, M. A. and Delwiche, E. A. Metabolism of pentoses by clostridia. *J Bact* 75:334 Mr '58
- Dawes, E. A. and Holms, W. H. Metabolism of *Sarcina lutea*. *J Bact* 75:398-9 Ap '58
- Fitz-James, P. C. Phosphorus fractions of *Bacillus cereus* and *Bacillus megaterium*. *Can J Microbiol* 1:518-19, 547-8 Ag '55
- Fox, E. N. and Krampitz, L. O. Studies on the biosynthesis of the M-protein of group A hemolytic streptococci. *J Bact* 71:461 Ap '56
- Friedman, S. and Fox, C. L. Studies on the relationship of potassium to metabolism and purine biosynthesis in *Escherichia coli*. *J Bact* 68:192-3 Ag '54
- Gilmour, C. M. and others. Studies on the biochemistry of the streptomycetes. *J Bact* 69:723-4, 727; 75:37 Je '55, Ja '58
- Goldman, D. S. Enzyme systems in the mycobacteria. *J Bact* 72:405 S '56
- Greene, V. W. and Jezeski, J. J. Studies on starter metabolism. *J Dairy Sci* 40:1052, 1060-1, 1070-1; 42:262-3 S '57, F '59
- Gunsalus, I. C. and others. Pathways of carbohydrate metabolism in microorganisms. *Bact R* 19:112-28 Je '55
- Hakala, M. T. and Welch, A. D. Polyglutamate form of citrovorum factor synthesized by *Bacillus subtilis*. *J Bact* 73:40-1 Ja '57
- Holmgren, N. B. and others. Studies on the metabolism of *Mycobacterium tuberculosis*. *J Bact* 68:410, 417-18 O '54
- Hopps, H. E. and others. Mode of action of chloramphenicol. *J Bact* 72:566-7 O '56
- Hulcher, F. H. and King, K. W. Disaccharide preference of an aerobic cellulolytic bacterium, *Cellulibrio gilvus* n. s. *J Bact* 76:569-70 D '58
- Jakoby, W. B. and Bhat, J. V. Microbial of oxalic acid. *Bact R* 22:78-80 Je '58
- Juni, E. and Heym, G. A. Cyclic pathway for the bacterial dissimilation of 2,3-butanediol, acetylmethylcarbinol, and diacetyl. *J Bact* 71:431-2; 72:753; 74:767 Ap, D '56, D '57
- Katznelson, H. Metabolism of phytopathogenic bacteria. *J Bact* 70:474-5; 75:543 O '55, My '58
- Kraus, F. W. and others. Peroxide and peroxidogenic bacteria in human saliva. *J Bact* 73:734-5 Je '57
- Litchfield, J. H. and Ordal, Z. J. Oxidative metabolism of *Rhodotorula gracilis*. *Can J Microbiol* 4:212-13 Je '58
- McCoy, T. A. and others. Amino acid metabolic studies. *J Bact* 68:695-6 D '54
- MacDonald, J. C. Synthesis of aspartic acid by *Lactobacillus arabinosus*. *Can J Microbiol* 4:342-3 Ag '58
- MacDonald, R. E. and Gerhardt, P. Bacterial permeability: the uptake and oxidation of citrate by *Escherichia coli*. *Can J Microbiol* 4:123-4 Ap '58
- McNall, E. G. and Atkinson, D. E. Growth of *Escherichia coli* with nitrate as sole source of nitrogen. *J Bact* 72:229; 74:65-6 Ag '56, Jl '57
- Mudd, S. and others. Polyphosphate as accumulator of phosphorus and energy. *J Bact* 75:234-5 F '58
- Neilands, J. B. Some aspects of microbial iron metabolism. *Bact R* 21:109-11 Je '57
- Packer, L. and Vishniac, W. Chemosynthetic fixation of carbon dioxide and characteristics of hydrogenase in resting cell suspensions of *Hydrogenomonas ruhlandii* nov. spec. *J Bact* 70:223 Ag '55
- Pan, S. F. and others. Studies on the metabolism of *Shigella*. *J Bact* 73:408-9; 75:55, 61-2 Mr '57, Ja '58
- Payne, W. J. Studies on bacterial utilization of uronic acids. *J Bact* 72:837-8; 74:506; 76:306-7 D '56, O '57, S '58
- Peck, H. D. and Gest, H. Formic dehydrogenase and the hydrogenlyase enzyme complex in coli-aerogenes bacteria. *J Bact* 73:720-1 Je '57
- Peck, H. D. and Gest, H. Hydrogenase of *Clostridium butylicum*. *J Bact* 73:579-80 Ap '57
- Pierce, W. A. Glucose and galactose metabolism in *Streptococcus pyogenes*. *J Bact* 74:192-3 Ag '57
- Pine, L. and Barker, H. A. Tracer experiments on the mechanism of acetate formation from carbon dioxide by *Butyrivibrio reuteri*. *J Bact* 68:225-6 Ag '54
- Platt, T. B. and Foster, E. M. Products of glucose metabolism by homofermentative streptococci under anaerobic conditions. *J Bact* 75:458-9 Ap '58
- Remm, E. S. Uptake of rubidium and phosphate ions by polysaccharide-producing bacteria. *J Bact* 70:700-1 D '55
- Rotman, B. Regulation of enzymatic activity in the intact cell: the β -D-galactosidase of *Escherichia coli*. *J Bact* 76:13-14 Jl '58
- Rotman, B. and Spiegelman, S. On the origin of the carbon in the induced synthesis β -galactosidase in *Escherichia coli*. *J Bact* 68:428-9 O '54
- Sokatch, J. T. and Gunsalus, I. C. Aldonic acid metabolism. *J Bact* 73:459-60 Ap '57
- Spencer, D. and others. Relationship of nitrite and hydroxylamine reductases to nitrate assimilation and nitrogen fixation in azotobacter agilis. *J Bact* 73:561-2 Ap '57
- Stone, B. A. and Hochster, R. M. On the mechanism of the aerobic oxidation of D-xylulose and of D-ribose-5-phosphate by cell-free extracts of *Pseudomonas hydrophila*. *Can J Microbiol* 2:642-3 D '56
- Vandemark, P. J. and Wood, W. A. Pathways of glucose dissimilation by *Microbacterium lacticum*. *J Bact* 71:391-2 Ap '56
- Vishniac, W. and Santer, M. *Thiobacilli*. *Bact R* 21:209-13 S '57
- Webb, M. and Nickerson, W. J. Differential reversal of inhibitory effects of folic acid analogues on growth, division, and deoxyribonucleic acid synthesis of microorganisms. *J Bact* 71:147-8 F '56
- Wiseman, C. L. and others. Mode of action of chloramphenicol. *J Bact* 67:671-3, 678-9 Je '54
- Wood, H. G. and others. Metabolism of labeled glucose by the propionic acid bacteria. *J Bact* 70:519-20 N '55
- Wood, W. A. Pathways of carbohydrate degradation in *Pseudomonas fluorescens*. *Bact R* 19:232-3 D '55
- Wood, W. A. Symposium of microbial amino acid metabolism. *Bact R* 20:287-8 D '56
- Yanofsky, C. Absence of a tryptophan-ribose relationship in *Escherichia coli* and *Bacillus subtilis*. *J Bact* 68:583-4 N '54

METABOLISM (crustacea)

- Costlow, J. D. and Bookhout, C. G. Molting and respiration in *Balanus amphitrite* var. *denticulata* Broch. *Physiol Zool* 31:279-80 O '58

- Roberts, J. L. Thermal acclimation of metabolism in the crab *Nachygrapsus crassipes* Randall. *Physiol Zool* 30:241-2, 254-5 Jl '57

METABOLISM (fishes)

- Bailey, R. E. Effect of estradiol on serum calcium, phosphorus, and protein of goldfish. *J Exp Zool* 136:468-9 D '57

- Wohlschlag, D. E. Differences in metabolic rates of migratory and resident freshwater forms of an arctic whitefish. *Ecology* 38:509-10 Jl '57

- Wohlschlag, D. E. Seasonal changes in bluegill metabolism. *Limnol & Oceanog* 4:207-8 Ap '59

METABOLISM (fungi)

- Arnstein, H. R. V. and Grant, P. T. Metabolism of the penicillia in relation to penicillin biosynthesis. *Bact R* 20:144-7 S '56

- Cheng, S. C. Terminal respiratory enzymes in *Neurospora tetrasperma*. *Plant Physiol* 29:466-7 S '54

- Cochrane, V. W. Anaerobic dissimilation of glucose by *Fusarium lini*. *Mycologia* 48:11-12 Ja '56

METABOLISM (fungi)—Continued

- Goldschmidt, E. P. and others. Biochemistry of filamentous fungi. *J Bact* 72:444-6 O '56
- Health, E. C. and Koffler, H. Biochemistry of filamentous fungi. *J Bact* 71:180-1 F '56
- Naguib, K. pH factor in the metabolism of fusarium moniliforme Sheldon on sucrose. *Can J Bot* 36:62-3 Ja '58
- Neilands, J. B. Some aspects of microbial iron metabolism. *Bact R* 21:109-11 Je '57
- Owens, R. G. Metabolism of fungus spores. *Boyce Thompson Inst Contrib* 18:143-4, 151-2 Ja '55
- Spoerl, E. and Looney, D. Phosphorus metabolism in yeast accompanying an inhibition of cell division by X-rays. *J Bact* 76:68-9 Jl '58
- Sussman, A. S. and others. Metabolic aspects of neurospora activation and germination. *Plant Physiol* 31:134-5 Mr '56
- Wilson, E. M. and Lilly, V. G. Utilization of oligosaccharides by some species of ceratocystis. *Mycologia* 50:388-9 My '58

See also

Fungi—Respiration

METABOLISM (insects)

- Anderson, A. D. and Patton, R. L. In vitro studies of uric acid synthesis in insects. *J Exp Zool* 128:450-1 Ap '55
- Cotty, V. F. Respiratory metabolism of pre-pupae and pupae of the house fly, *Musca domestica* L. and of their homogenates. *Boyce Thompson Inst Contrib* 18:261-2 Ja '56
- Kurland, C. G. and Schneiderman, H. A. Respiratory enzymes of diapausing silk-worm pupae: a new interpretation of carbon monoxide-insensitive respiration. *Biol Bul* 116:159-61 F '59
- Limpel, L. E. and Casida, J. E. Iodine metabolism in insects. *J Exp Zool* 135:26-7; 136:612-13 Je, D '57
- Lindquist, D. A. and Dahm, P. A. Metabolism of radioactive DDT by the Madeira roach and European corn borer. *J Econ Entom* 49:583-4 O '56
- March, R. B. and others. Metabolism of systox in the white mouse and American cockroach. *J Econ Entom* 48:363 Ag '55
- Smith, J. N. Detoxication mechanisms in insects. *Cambridge Philos Soc Biol R* 30:472-5 N '55

See also

Insects—Respiration

METABOLISM (plants)

- Audus, L. J. and Thresh, R. Effects of synthetic growth-regulator treatments on the levels of free endogenous growth-substances in plants. *Ann Bot* 20:458-9 Jl '56
- Avron, M. and Biale, J. B. Metabolic processes in cytoplasmic particles of the avocado fruit. *Plant Physiol* 32:104-5 Mr '57
- Bandurski, R. S. and Teas, H. J. Rubber biosynthesis in latex of *Hevea brasiliensis*. *Plant Physiol* 32:647-5 N '57
- Biddulph, O. Studies of mineral nutrition by use of tracers. *Bot R* 21:286-95 My '55
- Bradbeer, J. W. and others. Malate synthesis in crassulacean leaves. *Plant Physiol* 33:69-70 Ja '58
- Buhler, D. R. and others. Conversion of $C^{14}O_2$ and $CH_3-C^{14}-O-COOH$ to citric and malic acids in the tomato fruits. *Plant Physiol* 31:195 My '56
- Dannenburg, W. N. and Liverman, J. L. Conversion of tryptophan-2- C^{14} to indoleacetic acid by watermelon tissue slices. *Plant Physiol* 32:269 Jl '57
- Gibbs, M. and others. Respiration of the pea plant. *Plant Physiol* 30:467 S '55
- Handley, R. and Overstreet, R. Respiration and salt absorption by excised barley roots. *Plant Physiol* 30:425-6 S '55
- Honda, S. I. Ascorbic acid oxidase in barley roots. *Plant Physiol* 30:180-1 Mr '55
- Honda, S. I. and others. Studies in the metabolism of plant cells. *Australian J Biol Sci* 9:319-20; 11:14-15 Ag '56, F '58
- Loneragan, J. F. Calcium in the nitrogen metabolism of subterranean clover. *Australian J Biol Sci* 12:38-9 F '59
- Lovett, W. J. Studies on the metabolism of detached tobacco leaves. *Australian J Ag Res* 10:39-40 Ja '59
- Mazelis, M. Particulate adenylic kinase in higher plants. *Plant Physiol* 31:43 Ja '56
- Mazelis, M. and Stumpf, P. K. Fat metabolism in higher plants. *Plant Physiol* 30:243 My '55

- Mazelis, M. and Vennesland, B. Carbon dioxide fixation into oxalacetate in higher plants. *Plant Physiol* 32:599-600 N '57
- Neish, A. C. Seasonal changes in metabolism of spruce leaves. *Can J Bot* 36:661-2 S '58
- Nicholas, D. J. D. Function of trace metals in the nitrogen metabolism of plants. *Ann Bot* 21:597-8 O '57
- Ordin, L. and Jacobson, L. Inhibition of ion absorption and respiration in barley roots. *Plant Physiol* 30:26-7 Ja '55
- Ruck, H. C. and Bolas, B. D. Effect of manganese on the assimilation and respiration rate of isolated rooted leaves. *Ann Bot* 18:296-7 Jl '54
- Saltman, P. and others. Dark fixation of CO_2 by succulent leaves: metabolic changes subsequent to initial fixation. *Plant Physiol* 32:200 My '57
- Stafford, H. A. Tartaric acid dehydrogenase activity in higher plants. *Plant Physiol* 32:344-5 Jl '57
- Vanner, J. E. and Webster, G. C. Studies on the enzymatic synthesis of glutamine. *Plant Physiol* 30:401-2 S '55
- Ward, G. M. Potassium in plant metabolism. *Can J Plant Sci* 38:299; 39:252 Jl '58, Ap '59
- Weinstein, L. H. and others. Effect of ethylenediaminetetraacetic acid on nitrogen metabolism and enzyme patterns in soybean plants. *Boyce Thompson Inst Contrib* 18:368-70 O '56
- Wolfe, M. Effect of molybdenum upon the nitrogen metabolism of *Anabaena cylindrica*. *Ann Bot* 18:307-8, 324-5 Jl '54

See also

Absorption (plants)

Auxins

Photosynthesis

METABOLISM (protozoa)

- Neff, R. J. and others. Nutrition and metabolism of a soil amoeba, *Acanthamoeba* sp. *Physiol Zool* 31:90-1 Ja '58

METABOLISM, Disorders of

- Symposium on iron in clinical medicine, University of California, School of medicine, 1957. Iron in clinical medicine; ed. by Ralph O. Wallerstein [and] Stacy R. Mettler. Univ. of Calif. press '58 incl bibliog

See also

Diabetes

METAL castings**See also**

Steel castings

METAL chelate compounds. See Organometallic compounds**METAL cleaning**

- Harris, Jay C. 1957 supplement to the Metal cleaning bibliographical abstracts [1842-1951] (Special technical pub. no90-D) Am. soc. for testing materials '57 40p annot

METAL coating

- Abstracts of current literature. See numbers of British welding journal
- Powell, Carroll F. and others. Vapor-plating; the formation of coatings by vapor-deposition techniques. (Electrochemical soc. ser) Wiley '55 incl bibliog

METAL cutting

- Carr-Harris, G. G. M. Propane gas for metal cutting. (T.I.S. rep. no46) Technical information service, Nat. research council, Canada '55 12p annot
- Chao, B. T. and Trigger, K. J. Temperature distribution at the tool-chip interface in metal cutting. *Am Soc Mech Eng Trans* 77:1118 O '55
- Finnie, I. Review of the metal-cutting analyses of the past hundred years. *Mech Eng* 78:720-1 Ag '56
- Tourret, R. Performance of metal-cutting tools. Butterworth '58 p 174-9

METAL detectors. See Metals—Detection**METAL finishing**

- Böhny, Ferdinand. Der galvaniseur, hrsg. vom Schweizerischen verband für berufsberatung und lehrlingsfürsorge und vom Verband galvanischer anstalten der Schweiz (Berufsbild) Sauerländer '53 p30-1
- Cuthbertson, J. W. Electrolytic processes for surface conditioning of metals. *Inst Elec Eng Proc* 102:509 O '55
- Grönegress, Hans Wilhelm. Brennhärten und örtliche wärmebehandlung; tabellenbuch für die benutzer des Pedinghaus-verfahrens, deutsche bundespatente und auslands-patente. 3d ed Vulkan-verlag W. Classen '57 p57-67
- Mechanical finishing of metal surfaces; bibliography. *Plating* 45:380-4 Ap '58

METAL hydrides

See also

Hydrides**METAL rolling.** See Rolling (metal work)**METAL spinning**

Ruedy, Richard. Spinning of metals. (T.I.S. rep. no37) Technological information service, Nat. research council, Canada '54 20p annot

METAL spraying. See Metal coating**METAL work**

American machinist special reports [bibliography, 1948-1958] Am Mach 102:B 100+ Mid-S '58

Begeman, Myron Louis. Manufacturing processes. 4th ed Wiley '57 incl bibliog

Laughner, Vallory H. and Hargan, Augustus D. Handbook of fastening and joining of metal parts. (McGraw-Hill handbks) McGraw '56 incl bibliog

Maass, Erwin. Der blechwerker und die grundlagen der metallbearbeitung; werk-buch für schwer- und leichtmetallver-arbeiter. Oldenbourg '54 incl bibliog

See also

Brazing

Dies (metal working)

Electrodeposition of metals

Electroplating

Iron work

Jewelry

Metal cutting

Metal finishing

Shot peening

Solder and soldering

Welding

METALLOGY

Benkeser, R. A. and others. Metalations with organosodium compounds. Chem R 57:892-4 O '57

METALLOGRAPHY

American society for metals. Review of metal literature; an annot. survey of articles and technical papers, 1954[-1957] (V 11-14) The society '55-'58 4v

Greenfield, P. and Beck, P. A. Intermediate phases in binary systems of certain transition elements. J Metals 8:275-6 F '56

Gregory, Edwin, and Simons, Eric Norman. Structure of steel; a simple explanation for students, engineers, and buyers of steel. Philosophical lib. '57 p 170-3

Towe, George Coffin, and others. High-resolution autoradiography. (U.S. Nat. advisory com. for aeronautics. Rep. 1243) U.S. Gov. ptr. office '55 p49-51

See also

Metals

X rays—Industrial applications

METALLO-ORGANIC compounds. See Organo-metallic compounds**METALLURGICAL analysis**

Haywood, Frederick W. and Wood, A. A. R. Metallurgical analysis by means of the Spekker photoelectric absorptiometer. 2d ed Hilger '57 p247-77

METALLURGICAL plants**Fuel**

Walsh, J. H. and others. Present and potential uses for coal in the Canadian metallurgical industry. Can Min & Met Bul 51: 87-8 F '58

METALLURGY

A.S.M. review of current metal literature. See numbers of Metals review thru December 1958

American society for metals. Impurities and imperfections; a seminar on impurities and imperfections held during the 36th Nat. metal congress and exposition, Chicago, Oct. 30 to Nov. 5, 1955. The society '55 incl bibliog

American society for metals. Relation of properties to microstructure; a seminar on relation of properties to microstructure held during the 35th Nat. metal congress and exposition, Cleveland, Oct. 17 to 23, 1953. The society '54 incl bibliog

American society for metals. Review of metal literature; an annot. survey of articles and technical papers, 1954[-1957] (V 11-14) The society '55-'58 4v

Analyses d'articles techniques. See numbers of Mécanique documentation thru 1956?

Bain, E. C. Trends in metallurgical research in the United States. Steel Process 42:419, 452, 530-1 J1-S '56

Bargalló, Modesto. La minería y la metalurgia en la América Española durante la época colonial; con un apéndice sobre la industria del hierro en México desde la iniciación de la independencia hasta el presente. (Sección de obras de economía) Fondo de cultura económica '55 p367-401

Carr-Harris, G. G. M. Metals engineering and radioactive materials. (T.I.S. rep. no42) Technical information service, Nat. research council, Canada '54 37p annot

Coffer, L. W. Atomic-age metal extraction. Chem Eng 65:122 Ja 27 '58

Comptes rendus des publications périodiques. See numbers of Documentation métallurgique thru 1956

Czechoslovak Republic. Ministerstvo hutního průmyslu a rudných dolů. Úkolý bibliografie hutnické a hornické literatury; sborník referátů z porady konané 24. až 26. 6. 1954 v Bratislavě. (Pub. v55) The ministry '54 93p

Finniston, H. M. and Howe, John Perry, eds. Metallurgy and fuels. (Progress in nuclear energy. ser5) McGraw '56 incl bibliog

Gregory, Edwin, and Simons, Eric Norman. Structure of steel; a simple explanation for students, engineers, and buyers of steel. Philosophical lib. '57 p 170-3

Institute of metals. Metallurgical abstracts (general and non-ferrous) The institute. See numbers

Jernkontorets litteratöversikt. Almqvist. See numbers

Keyser, Carl Anton. Basic engineering metallurgy; theories, principles, and applications. Prentice-Hall '59 incl bibliog

Linda Hall library, Kansas City, Missouri. Mining and metallurgy; a list of bks, periodicals and docs; comp. by E. H. Mueller. (Bibliog. bul. no 11) The library '55 64p

Maloň, S. and others. Soupis hutnických časopisů [do r. 1955] ve státních vědeckých knihovnách, výzkumných, ústavech, vysokých školách a některých podnikách. (Pub. ser 1, no67) Státní vědecká knihovna v Ostravě '56 183p

Metallurgy in nuclear engineering; survey of the literature in 1957. Metallurgia 58:32-6, 64-6 J1-Ag '58

Mondolfo, Lucio F. and Zmeskal, Otto. Engineering metallurgy. McGraw '55 incl bibliog

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Hutnická literatura vydaná v letech 1901-1944 na území ČSR; sest. Drahošlav Gawrecki. (Příručka, Ser 2, no65) The library '56 143p

Review of metal literature. Am. soc. for metals. See numbers

Tardif, H. P. and Erickson, W. H. Explosive metallurgy. Can Min & Met Bul 51:358-9 Je '53

Wilkinson, Walter D. and Murphy, William F. Nuclear reactor metallurgy; with a chapter by Warren J. McGonnagle. Van Nostrand '58 incl bibliog

See also

Alloys

Chemical engineering

Dislocations in metals

Electrometallurgy

Metals

Ore dressing

Physical metallurgy

Powder metallurgy

Refractory materials

Sintering

Vacuum metallurgy

also subhead Metallurgy under the following subjects

Cobalt

Copper

Iron

Nickel

Steel

Thorium

Uranium

Bibliography

Mount, Ellis. Abstracting and indexing sources for literature on metals and metal fabrication. (Bibliog. ser, no2) John Crerar lib. '53 24p

History

Gille, B. Les traités de métallurgie du 16. au 18. siècle. Tech & Civil no24:181-6 '55

Standards

Associazione industrie siderurgiche italiane. Sezione di unificazione siderurgica. Elenco delle unificazioni UNI siderurgiche; ed appendice: Elenco sigle materiali siderurgici unificati. 3d ed Gualdoni '53? 35p

METALS

- American society for metals. Effect of residual elements on the properties of metals, by Earl R. Parker [and others] a ser. of five educational lectures at the Nat. metal congress and exposition, Cleveland, Oct. 8 to 12, 1956. The association '57 incl bibliog
- American society for metals. Review of metal literature; an annot. survey of articles and technical papers, 1954-1957 (V 11-14) The society '55-'58 4v
- American society for testing materials. Metals [papers] presented at the 2d Pacific area nat. meeting of the Society, Los Angeles, Calif., Sept. 17-21, 1956. (Special technical pub. no 196) The society '57 incl bibliog
- American society of mechanical engineers. Metals engineering handbook board. ASME handbook. McGraw '53-'58 4v incl bibliog
- Article references. See numbers of Plating
- Birchenaill, C. E. and Simnad, M. T. Diffusion and oxidation of solid metals. *Ind & Eng Chem* 47:612-13; 48:599-601 Mr '55, Mr '56
- Engineering societies library. Bibliography on adhesive bonding of metals. (ESL bibliog. no 12) The library '57 23p
- Glen, J. W. Survey of irradiation effects in metals. *Advances Phys* 4:465-77 O '55
- Hodgson, G. W. and Baker, B. L. Vanadium, nickel and porphyrins in thermal geochemistry of petroleum. *Am Assn Pet Geol Bul* 41:2425-6 N '57
- Hopkin and Williams, limited. Organic reagents for metals and other reagent monographs; ed. by W. C. Johnson. 5th ed The firm '55 incl bibliog
- Istituto sperimentale dei metalli leggeri. Bollettino bibliografico. The institute. See numbers thru 1955
- Maloň, S. and others. Soupis hutnických časopisů [do r. 1955] ve státních vědeckých knihovnách, výzkumných ústavech, vysokých školách a některých podniků. (Pub. ser 1, no 67) Státní vědecká knihovna v Ostravě '56 183p
- New York. Engineering societies library. Bibliography on adhesive bonding of metals. (Bibliog. no 12) The library '57 23p
- Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Hutnická literatura, 1951-1952; seznam neperioidických publikací vydaných v SSSR, Polsku, NDR, Maďarsku, Rumunsku a zařazených v nejdůležitějších knihovnách; sest. Drahoslav Gawrecki. (Přiručka pro čtenáře, č. 22) The library '53 2v
- Sherwood, E. M. Less common metals. *Ind & Eng Chem* 47:2050; 48:1741; 49:1616-17; 50:1458-9 S '55, S '56, S '57, S '58
- Shewmon, P. Diffusion in metals. *Ind & Eng Chem* 50:495; 51:405 Mr '58, Mr '59
- Simnad, M. T. and others. Oxidation of metals. *Ind & Eng Chem* 49:623-6; 50:501-2; 51:410-11 Mr '57, Mr '58, Mr '59
- United States. Bureau of mines. Mineral facts and problems. (Bul. 556) U.S. Gov. ptg. office '56 incl bibliog
- See also
- Alloys
- Annealing
- Earths, Rare
- Light metals
- Metallography
- Metallurgy
- Mineralogy
- Slag

Analysis

- American society for metals. Impurities and imperfections; a seminar on impurities and imperfections held during the 36th nat. metal congress and exposition, Chicago, Oct. 30 to Nov. 5, 1955. The society '55 incl bibliog
- American society for testing materials. Symposium on ion exchange and chromatography in analytical chemistry [papers] presented at the 59th annual meeting of the Society, Atlantic City, N.J., June 18, 1956. (Special technical pub. no 195) The society '58 p 10, 22-5
- American society for testing materials. Symposium on solvent extraction in the analysis of metals; presented at the 61st annual meeting, Boston, Mass., June 23, 1958. (Special technical pub. no 238) The society '58 incl bibliog
- Cheng, C. F. and Schwitzer, C. M. Nickel in ancient bronzes. *Am J Archaeol* 61:363-5 O '57

Bibliography

- Mount, Ellis. Abstracting and indexing sources for literature on metals and metal fabrication. (Bibliog. ser, no 2) John Crerar lib. '56 24p
- Brittleness
- Linge, J. R. Some developments and applications of brittle lacquers. *Aircraft Eng* 30:95 Ap '53
- Queneau, Bernard Russell. Embrittlement of metals; a ser. of four educational lectures on the embrittlement of metals presented to members of the Am. soc. for metals at the 37th nat. metal congress and exposition, Philadelphia, Oct. 15 to 21, 1955; bibliog. on the embrittlement of metals by G. A. Ratz. Am. soc. for metals '56 p 74-86
- Cleaning
- See Metal cleaning
- Corrosion
- See Corrosion and anti-corrosives
- Creep
- American society for metals. Creep and recovery; a seminar on creep and recovery of metals held during the 38th Nat. metal congress and exposition, Cleveland, Oct. 6 to 12, 1956. The society '57 incl bibliog
- Hoff, N. J. Rapid creep in structures. *J Aero Sci* 22:672+ O '55
- Jenkins, W. D. and Johnson, C. R. Creep of annealed nickel, copper, and two nickel-copper alloys. *J Res Nat Bur Stand* 60:191 Mr '58
- Pennsylvania. State university. Department of engineering mechanics. Mechanics of creep; proceedings for a short course, June 28 to July 1, 1954; ed. by Joseph Marin. The university '54 incl bibliog
- Teddington, England. National physical laboratory. Creep and fracture of metals at high temperatures. Philosophical lib. '57 incl bibliog
- Detection
- Renne, Harold S. Electronic metal locators. (Photofact pub. MLR 1) Sams '56 p 111-15
- Fatigue
- American society for testing materials. Metals [papers] presented at the 2d Pacific area nat. meeting of the Society, Los Angeles, Calif., Sept. 17-21, 1956. (Special technical pub. no 196) The society '57 incl bibliog
- American society for testing materials. Symposium on basic mechanisms of fatigue; presented at the 61st annual meeting, Boston, Mass., June 23, 1958. (Special technical pub. no 237) The society '59 incl bibliog
- American society for testing materials. Symposium on large fatigue testing machines and their results; presented at the 60th annual meeting of the Society, Atlantic City, June 18, 1957. (Special technical pub. no 216) The association '58 incl bibliog
- American society for testing materials. Committee B-9 on fatigue, 1950-1958) references on fatigue. (Special technical pub no 9-B-9-J). The society '51-'59 9v
- Battelle memorial institute, Columbus, Ohio. Fatigue of metals and structures, by H. J. Grover [and others] U.S. Gov. ptg. office '54 incl bibliog
- Dolan, Thomas James, and others. Fatigue; a ser. of educational lectures on fatigue presented to members of the ASM during the 35th Nat. metal congress and exposition, Cleveland, Oct. 19 to 23, 1953. Am. soc. for metals '54 incl bibliog
- Gough, H. J. Changing nature of the fatigue problem. *Engineer* 202:362 S 14 '56
- Hult, Jan. Experimental studies on fatigue crack propagation in torsion. (Stockholm. K. Tekniska högskolan. Handlingar, no 119) Lindstahl '58 p 45-6
- International conference on fatigue of metals, 1956. Proceedings of the Conference [held in London, 10th-14th September 1956 [and] New York, 28th-30th November 1956. Institution of mechanical engineers '59? incl bibliog
- International union of theoretical and applied mechanics. Colloquium on fatigue, Stockholm, May 25-27, 1955; proceedings. Kolloquium über ermüdungsfestigkeit; eds: Waloddi Weibull [and] Folke K. G. Odqvist. Springer '56 incl bibliog

METALS—Fatigue—Continued

- Koziarski, J. Fatigue aspects in aircraft welding design. *Welding J* 34:453 My '55
- Koziarski, J. Some considerations on design for fatigue in welded aircraft structures. *Welding J* 38:575 Je '59
- Lundberg, B. Fatigue life of airplane structures. *J Aero Sci* 22:397-9 Je '55
- Marin, J. Design for fatigue loading. *Machine Design* 29:94 Ja 24; 99 F 7; 133-4 F 21; 99 Mr 7; 157 Mr 21 '57
- Regier, A. A. Noise, vibration, and aircraft structures. *Aero Eng R* 15:60-1 Ag '56
- Sines, George, and Waisman, J. L. eds. *Metal Fatigue* [by] Thomas J. Dolan and others] (Univ. of Calif. engineering extension ser) McGraw '59 incl bibliog
- Teddington, England. National physical laboratory. Creep and fracture of metals at high temperatures. *Philosophical lib.* '57 incl bibliog

Finishing

See Metal finishing

Gas content

- American society for testing materials. Symposium on determination of gases in metals; presented at the 60th annual meeting, Atlantic City, N.J. June 18, 1957. (Special technical pub. no222) The society '58 incl bibliog
- Parlee, N. A. Gases in iron and steel. *Foundry* 84:87 Ag '56

Peening

See Shot peening

Physiological effect

- Campbell, I. R. and others. Aluminum in the environment of man. *AMA Archives Ind Health* 15:430-48 My '57

Temperature effects

- American society for testing materials. Symposium on metallic materials for service at temperatures above 1600 F. presented at the 58th annual meeting [of the] Society, Atlantic City, N.J. June 30, 1955. (Special technical pub. no 174) The society '56 incl bibliog
- Campbell, Ivor Eugene, ed. *High-temperature technology*. (Electrochemical soc. ser) Wiley '56 incl bibliog
- Gatewood, Buford Echols. Thermal stresses; with applications to airplanes, missiles, turbines, and nuclear reactors. (McGraw-Hill pubs. in aeronautical science) McGraw '57 incl bibliog
- Guard, R. W. and others. Recent Soviet literature on strength-temperature relation. *J Metals* 11:729-30 N '58
- Hoff, N. J. Buckling at high temperature. *Roy Aero Soc J* 61:773-4 N '57
- Institution of metallurgists. Behaviour of metals at elevated temperatures; lectures delivered at the Institution's refresher course, 1956. *Philosophical lib.* '57 incl bibliog
- Jaffe, L. D. Hardenability of titanium alloys calculated from composition; a preliminary examination. *J Metals* 7:1248-9 N '55
- Jaffe, L. D. Preliminary examination of the quenching of titanium alloys. *J Metals* 7:1244 N '55
- Kattus, James Robert, and McPherson, Bryan. Report on properties of cast iron at elevated temperatures. (ASTM special technical pub. no248) Am. soc. for testing materials '59 p87-90
- Kosieradzki, Paweł. *Obróbka cieplna metali*. Państwowe wydawn. techniczne '54 p362-7
- Lubahn, J. D. Effect of temperature on the fracturing behavior of mild steel. *Welding J* 35:sup568 N '56
- Michigan. University. Utilization of heat resistant alloys; a symposium presented at the University, March 11 and 12, 1954, in honor of Albert Easton White on his 70th birthday, for his pioneering and outstanding contributions to the research and development of alloys for high temperature service. Am. soc. for metals '54 incl bibliog
- Pennsylvania. State university. Department of engineering mechanics. High temperature properties of materials; proceedings for a short course conducted June 21 to June 25, 1954; ed. by Joseph Marin. The department '54 incl bibliog

- Rosi, F. D. and others. Mechanism of plastic flow in titanium at low and high temperatures. *J Metals* 8:122 F '56
- Teddington, England. National physical laboratory. Creep and fracture of metals at high temperatures. *Philosophical lib.* '57 incl bibliog

Testing

- Draper, A. B. Evaluation of tests for forgeability. *Am Soc Test Mat Bul* 223:68 Jl '57
- Hanke, Eugen. *Prüfung metallischer werkstoffe*. Verlag Technik '54 incl bibliog
- Rumiantsev, S. V. and Grigorowitsch, Iu. A. *Prüfung metallischer werkstoffe mit gammastrahlen* (übers. aus dem russischen: Franz Schörner) deutsche bearbeitung: Günter Freyer. Verlag Technik '57 p268-76
- See also
Metals—Brittleness

METALS, Cold working of

- Beck, P. A. Annealing of cold worked metals. *Advances Phys* 3:316-24 Jl '54

METALS, Effect of temperature on. See Metals—Temperature effects**METALS, Molten**

- American society for testing materials. Liquid metals and solidification; a seminar on liquid metals and solidification held during the 39th Nat. metal congress and exposition, Chicago, Nov. 2 to 8, 1957. The society '58 incl bibliog
- Boni, F. Design of a liquid metal heated bayonet tube steam generator. *Am Soc Naval Eng J* 70:243 My '58
- Lykoudis, P. S. and Touloukian, Y. S. Heat transfer in liquid metals. *Am Soc Mech Eng Trans* 80:662-3 Ap '58
- North Carolina. University. State college of agriculture and engineering, Raleigh. Department of engineering research. Heat transfer fluids for nuclear power generation: literature abstracts, 1947-1957. The department '58 169p

METALS, Nonferrous

- American society for testing materials. Symposium on atmospheric corrosion of non-ferrous metals, presented at the 58th annual meeting, Atlantic City, N.J. June 29, 1955. (Special technical pub. no 175) The society '56 incl bibliog
- Moss, M. L. and Farrah, G. H. Nonferrous metallurgy. *Anal Chem* 27:621-3; 29:676-8; 31:720-3 Ap '55, Ap '57, Ap '59

METALS, Powdered. See Powder metallurgy**METAMATHEMATICS**

- Ladrière, Jean. Les limitations internes des formalismes; étude sur la signification du théorème de Gödel et des théorèmes apparentés dans la théorie des fondements des mathématiques. (Coll. de logique mathématique, serB, 2) Nauwelaerts '57 p501-46
- Tarski, Alfred, and others. Undecidable theories. (Studies in logic and the foundations of mathematics) North-Holland '53 p89-91

METAMORPHISM

- Engel, A. E. J. and Engel, C. G. Progressive metamorphism and granitization of the major paragneiss northwest Adirondack mountains. *New York. Geol Soc Am Bul* 69:1412-13; 71:55-7 N '58, Ja '60
- Francis, G. H. Serpentine mass in Glen Urquhart, Inverness-Shire, Scotland. *Am J Sci* 254:224-6 Ap '56
- James, H. L. Zones of regional metamorphism in the precambrian of northern Michigan. *Geol Soc Am Bul* 66:1486-7 D '55
- Schwartz, G. M. Hydrothermal alteration. *Econ Geol* 54:181-3 Mr '59
- Scotford, D. M. Metamorphism and axial-plane folding in the Poundridge area, New York. *Geol Soc Am Bul* 67:1197-8 S '56
- Subramaniam, A. P. Mineralogy and petrology of the Sittampundi complex, Salem district, Madras state, India. *Geol Soc Am Bul* 67:386-9 Mr '56
- Weeks, W. F. Thermochemical study of equilibrium relations during metamorphism of siliceous carbonate rocks. *J Geol* 64:269-70 My '56
- See also
Rocks, Crystalline and metamorphic

METAMORPHOSIS

- Fraser, R. C. Acceleration of frog metamorphosis with iodinated proteins. *J Exp Zool* 133:535-6 D '56
- Kollros, J. J. and McMurray, V. M. Mesencephalic V nucleus in anurans. *J Exp Zool* 131:23-6 F '56
- Lynch, W. F. Effects of certain organic compounds and antimitotic agents on metamorphosis of bugula and amaroecium larvae. *J Exp Zool* 137:149-52 F '58
- Lynch, W. F. Effects of moderately low temperatures on the rate of metamorphosis of bugula flabellata. *Physiol Zool* 29:225-6 JI '56
- Lynch, W. F. Experimental modification of the rate of metamorphosis of bugula larvae. *J Exp Zool* 133:611-12 D '56
- Lynch, W. F. Synergism and antagonism in the induction of metamorphosis of bugula larvae by neutral red dye. *Biol Bul* 109:96-8 Ag '55
- Snodgrass, Robert Evans. Crustacean metamorphoses. (Smithsonian misc. colls, v 131, no 10) Smithsonian inst. '56 p73-8
- Szarski, H. Origin of the larva and metamorphosis in amphibia. *Am Natur* 91:297-301 S '57
- Wilson, Douglas P. Influence of the nature of the substratum on the metamorphosis of the larvae of marine animals, especially the larvae of ophelia bicornis Savigny. (Inst. océanographique. Annales, new ser, v27, no2) Masson '52 p 123-6

METAPHOSPHATES

- Mudd, S. and others. Polyphosphate as accumulator of phosphorus and energy. *J Bact* 75:234-5 F '58

METAPHYSICS

- Kreyche, Robert J. First philosophy; an introd. text in metaphysics. Holt '59 p315-21
- Noonan, John Patrick. General metaphysics. Loyola univ. press '57 p261-6

See also

- Cosmology
God
Reality
Space and time

METAZOA

- Fauré-Fremiet, E. Origin of the metazoa and the stigma of the phytoflagellates. *Q J Micros Sci* 99:128-9 Mr '58

METEORITES

- Cassidy, W. A. Australite investigations and their bearing on the tektite problem. *Meteoritics* 1 no 4:436-7 '56
- Deutsch, S. and others. Etude de la radioactivité de météorites métalliques par la méthode photographique. *Geochimica & Cosmochimica Acta* 10:183-4 S '56
- Ehmann, W. D. and Kohnan, T. P. Cosmic-ray-induced radioactivities in meteorites. *Geochimica & Cosmochimica Acta* 14:362-3, 378-9 O '58
- Lovering, J. F. Nature of the Mohorovicic discontinuity. *Am Geophys Union Trans* 39:954-5 O '58
- Nininger, Harvey Harlow. Arizona's meteorite crater; past, present, future; Am. meteorite museum '56 p217-23
- Simpson, S. On the trace-forni chondrites. *Geol Soc Lond Q J* no448:494-5 Je '57

METEOROLOGICAL INSTRUMENTS

- Great Britain. Meteorological office. Handbook of meteorological instruments; v 1. Instruments for surface observations. (Pub. official, 577) H.M.S.O. '56 p450-2

METEOROLOGICAL OPTICS

- Haber, Heinz. Physical environment of the flyer. USAF School of aviation medicine, Air univ. '54 p 157-66

METEOROLOGICAL RESEARCH

- Béll, B. Main results of meteorological research done in Hungary during the years 1954-56. *Acta Tech* 18 no 1-2:133-60 '57
- Blackadar, Alfred K. ed. Meteorological research reviews: summaries of progress from 1951 to 1955; by H. E. Landsberg (and others) (Meteorological monographs, v3, nos 12-20) Am. meteorological soc. '57 incl bibliog

METEOROLOGY

- American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

- Bates, David Robert, ed. Earth and its atmosphere. Basic bks. '57 p303-8

- Bibliography. See numbers of American geophysical union. Transactions thru 1958

- Bijl, Willem van der. Toepassing van statistische methoden in de klimatologie. Staatsdrukkerij- en uitgeverijbedrijf '52 p 185-95

- Blair, Thomas Arthur. Weather elements, a text in elementary meteorology; rev. by Robert C. Fite. 4th ed Prentice-Hall '57 p379-83

- Brooks, Charles Ernest Pelham, and Caruthers, N. Handbook of statistical methods in meteorology. (Gt. Brit. Meteorological office. Pub. official 538) H.M.S.O. '53 p396-402

- Chaptal, L. Bibliography on the hydrogenesis problem. (In Winterkorn, Hans Friedrich. Why not tap the air for water? The Greeks did it, why can't we? The author '53? p9-15)

- Dordick, I. L. and Thuronyi, G. Selective annotated bibliography on medical meteorology. *Meteorol Abst & Bibliog* 8:1518-54 N '57

- Foitzik, Leonhard, and Hinzpeter, Hans. Sonnenstrahlung und lufttrübung. (Probleme der kosmischen physik, v31) Geest & Portig '58 p288-302

- Forrester, Frank H. 1001 questions answered about the weather. Dodd '57 p394-402 annot
- Godske, Carl Ludwig Schreiner, and others. Dynamic meteorology and weather forecasting. (Carnegie inst. of Washington. Pubs, 605) Am. meteorological soc. '57 incl bibliog

- Halstead, M. H. and others. Preliminary report on the design of a computer for micro-meteorology. *J Meteorol* 14:324-5 Ag '57

- Havens, James M. Annotated bibliography of meteorological observations in the United States, 1715-1818. (Key to meteorological records doc, no5.11) U.S. Weather bur. '58 14p

- Havens, James M. Annotated bibliography of meteorological observations in the United States, 1731-1818. (Technical rep. no5) Dept. of meteorology, Fla. state univ, Tallahassee '56 31p

- Havens, J. M. Note on early meteorological observations in the United States with reference to the Germantown temperature record of 1731-32. *Am Meteorol Soc Bul* 39:215-16 Ap '58

- Houghton, D. M. Heat sources and sinks at the earth's surface. *Meteorol Mag* 87:142-3 My '58

- Kompendien-katalog geologie, paläontologie, petrographie, bodenkunde, mineralogie, lagerstättenkunde, hydrologie, geophysik, meteorologie. Koehler & Volckmar '55 166p

- Neis, Bernhard. Fortschritte in der meteorologischen forschung seit 1900. Akademische verlagsgesellschaft '56 incl bibliog

- Netherlands. Meteorologisch instituut. Koninklijk Nederlands meteorologisch instituut, 1854-1954. Staatsdrukkerij- en uitgeverijbedrijf '54 incl bibliog

- Nupen, W. Annotated bibliography on radar as applied to cloud and precipitation physics. *Meteorol Abst & Bibliog* 6:997-1050 JI '55

- Petterssen, Sverre. Weather analysis and forecasting. 2d ed McGraw '56 2v incl bibliog

- Rooy, M. P. van, and others, eds. Meteorology of the Antarctic. (W. B. 24) Dept. of transport, South Africa. Weather bur. '57 p233-40

- Saucier, Walter Joseph. Principles of meteorological analysis. (Chicago. Univ. Com. on pubs. in the physical sciences. Pub.) Univ. of Chicago press '55 incl bibliog

- Schneider-Carius, Karl. Wetterkunde, wetterforschung; geschichte ihrer probleme und erkenntnisse in dokumenten aus drei jahrtausenden. (Orbis academicus; problemgeschichten der wissenschaft in dokumenten und darstellungen, v II/9) Alber '54 p356-98

- Stepanova, N. A. Selective annotated bibliography on synoptic meteorology of the Arctic. *Meteorol Abst & Bibliog* 7:79-123 Ja '56

- Sutcliffe, R. C. Decade of research. *Meteorol Mag* 87:329-31 N '58

- Texas. Agricultural and mechanical college. College station. Department of oceanography. Collected reprints in oceanography and meteorology, numbers 1-30, 1950-1954. The college '55 incl bibliog

- Thuronyi, G. Recent literature on radar meteorology. *Meteorol Abst & Bibliog* 9: 1005-30 Ag '58

METEOROLOGY—Continued

United States. Superintendent of documents.
Weather, astronomy and meteorology.
(Price list 48, 47th ed) U.S. Gov. ptg.
office '59 19p

See also

Atmosphere
Atmospheric electricity
Auroras
Climatology
Clouds
Dew
Earth temperature
Floods
Fog
Frost
Humidity
Hygrometry
Lightning
Magnetism, Terrestrial
Rain and rainfall
Rainbow
Snow
Solar radiation
Storms
Thunderstorms
Weather
Weather control
Weather forecasting
Winds

Bibliography

Rigby, M. and Gropp, D. M. Bibliography of bibliographies on meteorology. Meteorol Abst & Bibliog 6:82-118 Ja '55

Rigby, M. and Rice, M. L. Annotated bibliography on textbooks and monographs containing subject bibliographies. Meteorol Abst & Bibliog 6:217-64 F '55

History

Schneider-Carius, Karl. Wetterkunde, wetterforschung: geschichte ihrer probleme und erkenntnisse in dokumenten aus drei jahrtausenden. (Orbis academicus; problemgeschichten der wissenschaft in dokumenten und darstellungen, v II/9) Alber '54 p356-98

METEOROLOGY, Aeronautic

United States. Air force. Cambridge research center. Geophysics research directorate. Handbook of geophysics for air force designers. The center '57 incl bibliog

METEOROLOGY, Agricultural

Agrarmeteorologische bibliographie, 1950 [1-1957] (Bibliographien, 1,3-9) Deutscher wetterdienst '55-'58 8v annot

Dionne, J. L. and others. Agricultural meteorology; a brief literature review & bibliography. Experimental farm service, Canada, Dept. of agriculture '56 59p

Nuttonson, Michael Yakovlevich. Barley-climate relationships and the use of phenology in ascertaining the thermal and photo-thermal requirements of barley; based on data of North Am. and of some thermally analogous areas of North Am. in the Soviet Union, Finland, Poland, and Czechoslovakia. Am. inst. of crop ecology '57 p277-80

Nuttonson, Michael Yakovlevich. Rye-climate relationships and the use of phenology in ascertaining the thermal and photo-thermal requirements of rye; based on data of North Am. and of some thermally analogous areas of North Am. in the Soviet Union, Finland, Poland, and Czechoslovakia. Am. inst. of crop ecology '57 p216-19

United States. Department of agriculture. Library. Selected bibliography on weather-crop relations in the Great Plains; comp. by Elizabeth Gould Davis. The library '56 16p

Warsaw. Państwowy instytut hydrologiczno-meteorologiczny. Bibliografia z zakresu meteorologii rolniczej i leśnej. Wydawn. komunikacyjne '58 124p

METEORS

Rice, M. L. Compilation of recent literature on meteors and zodiacal light. Meteorol Abst & Bibliog 8:1109-33 Ap '57

See also

Meteorites

METERS

See also

Electric meters
Flow meters
Gas meters

METHANE

Organization for European economic cooperation. Drainage and use of methane from coal-fields (fire-damp) Mission no 163, European productivity agency '56 p 167-77

METHIONINE

Cohen, H. P. and others. Response of rats to diets high in methionine and related compounds. J Nutrition 64:567-9 Ap '58

Hartsook, E. W. and Mitchell, H. H. Effect of age on the protein and methionine requirements of the rat. J Nutrition 60:193-5 O '56

METHODISM

Peters, John Leland. Christian perfection and American Methodism. Abingdon '56 p221-36

History

Fortney, E. L. Literature of the history of Methodism. Relig in Life 24:443-51 Summer '55

METHODIST church in the United States

Ambler, Charles Henry. Waitman Thomas Willey; orator, churchman, humanitarian; together with a history of Wesley Methodist church, Morgantown, West Virginia. Standard pubs. '54 p263-71

Morrow, Ralph Ernest. Northern Methodism and reconstruction. Mich. state univ. press '56 p251-61

Straughn, James Henry. Inside Methodist union. Meth. pub. house '58 p 189-90

Tippy, Worth Marion. Frontier bishop; the life and times of Robert Richford Roberts. Abingdon '58 p202-4

METHODISTS in Great Britain

Wearmouth, Robert Featherstone. Methodism and the struggle of the working classes, 1850-1900. Backus '54 p244-66

METHYLACETYLENE. See Propyne**METROLOGY. See Mensuration****METROPOLITAN districts**

Jans, Ralph Theodore. Urban fringe problem: solutions under Michigan law. (Mich. pamphlets, no26) Bur. of gov. inst. of public adm, Univ. of Mich. '57 p56-7

United States. Library of Congress. Legislative reference service. Washington metropolitan area; sel. references, 1948-1958. U.S. Gov. ptg. office '59 29p

MEXICAN literature

González de Cossio, Francisco. La imprenta en México (1553-1820) 510 adiciones a la obra de José Toribio Medina en homenaje al primer centenario de su nacimiento. Univ. nacional de México '52 354p

Instituto mexicano del libro. Catálogo de libros impresos en México; VI Feria mexicana del libro [20 noviembre-15 diciembre 1954] The institute '54 121p

History and criticism

Díaz-Plaja, Guillermo. Historia de la literatura española. Historia de la literatura mexicana [por] Francisco Monterde. Editorial Porrúa '55 p389-90

Jiménez Rueda, Julio. Historia de la literatura mexicana; 5. ed. puesta al día y aumentada con buen número de notas bibliográficas. Ediciones Botas '53 p314-41

Translations from English

Gjelsness, Rudolph Hjalmar. American book in Mexico; a bibliog. of bks. by auths. of the United States of Am. pub. in Mexico, 1952-55. (Studies, 4) Dept. of lib. science, Univ. of Mich. '57 32p

MEXICAN manuscripts. See Manuscripts, Mexican**MEXICANS in the United States**

Clark, Margaret. Health in the Mexican-American culture; a community study. Univ. of Calif. press '59 p245-8

Murray, Sister Mary John. Socio-cultural study of 118 Mexican families living in a low-rent public housing project in San Antonio, Texas. (Catholic univ. of Am. Studies in sociology, v38) Catholic univ. of Am. press '54 p 142-8

MEXICO

Estrada, Genaro. Nuevas notas de bibliografía mexicana; prólogo de Juan B. Iguiniz; introd. de José C. Valades y acotaciones de Gabriel Saldivar y Silva. (Monografías bibliog. mexicanas, 2d ser, no6) Secretaría de relaciones exteriores, Dirección general de prensa y publicidad '54 89p

MEXICO—Continued

Gómez, Barbara. Getting to know Mexico. Coward-McCann '59 p64

González de Cossio, Francisco. La imprenta en México (1553-1820) 510 adiciones a la obra de José Toribio Medina en homenaje al primer centenario de su nacimiento. Univ. nacional de México '52 354p

Instituto mexicano del libro. Catálogo de libros impresos en México; VI Feria mexicana del libro [20 noviembre-15 diciembre 1954] The institute '54 121p

Mexico. Instituto nacional de antropología e historia. El Instituto nacional de antropología e historia, su contribución editorial, científica y de cultura. Editorial cultura '54 89p

Selected, annotated bibliography on the art and culture of Mexico. Liturg Arts 23:131-48 My '55

Antiquities

Aveleyra Arroyo de Anda, L. Second mammoth and associated artifacts at Santa Isabel Iztapan, Mexico. Am Antiq 22:27-8 Jl '56

Deevey, Edward S. Limnologic studies in Middle America; with a chapter on Aztec limnology. (Conn. acad. of art and sciences. Transactions, v39) Yale univ. press '57 p318-28

Ferdon, Edwin N. Trial survey of Mexican-Southwestern architectural parallels. (Monographs, no21) Schools of Am. research '55 p32-6

Lister, Robert Hill. Present status of the archaeology of western Mexico; a distributional study. (Colo. Univ. Studies. Ser. in anthropology, no5) Univ. of Colo. press '55 p61-6

Noguera, Eduardo. La cerámica arqueológica de Cholula. (Biblioteca de historia y arqueología americanas) Editorial Guarnía '54 p305-11

Porter, M. N. Excavations at Chupicuaro, Guanajuato, Mexico. Am Philos Soc Trans 46:581-2 D '56

Rubín de la Borbolla, Daniel Fernando. México; monumentos históricos y arqueológicos. (Monumentos históricos y arqueológicos, 7; Comisión de historia. Pubs, 43) Pan Am. inst. of geography & history '53 2v v 1, p99-106

Toscana, Salvador. Arte precolombino de México y de la América central. 2d ed Inst. de investigaciones estéticas, Univ. nacional autónoma de México '52 incl bibliog

See also

Indians of Mexico—Antiquities
Mayas—Antiquities

Church history

See also

Franciscans in Mexico

Civilization

Ruiz, R. E. Mexico: indianismo and the rural school. Harvard Educ R 28:117-19 Spring '55

Synoptic studies of Mexican culture, by Munro S. Edmonson [and others] (Pub. 17) Middle Am. research inst, Tulane univ. '57 incl bibliog

Description and travel

Fergusson, Erna. Mexico revisited. Knopf '55 p337-41

Mexico. Dirección general de geografía y meteorología. Bibliografía geográfica de México; recopilación y ordenamiento de Angel Bassols Batalla. The department '55 652p

Rodman, Selden. Mexican journal; the conquerors conquered; a journal of 6 months in Mexico incl. travels to the principal parts of that country; conversations with distinguished personalities in the arts and public life; adventures, mishaps, reflections and photographs. Devin-Adair '58 p287-9

Economic conditions

Bullejos, José. La bibliografía económica de México en 1954 y 1955. Dept. de estudios económicos, Banco de México '56 119p

Bullejos, José. Bibliografía industrial de México, 1952-53. Oficina de investigaciones industriales, Banco de México '54? 44p

Bullejos, José. Diez años de literatura económica; bibliog. básica sobre la economía de México, 1943-1953. Inst. de investigaciones económicas '54 162p

Foreign relations

Spain

Smith, Lois Elwyn. Mexico and the Spanish republicans. (Calif. Univ. Pubs. in political science, v4, no2) Univ. of Calif. press '55 p307-10

History

Madariaga, Salvador de. Hernán Cortés, conqueror of Mexico. 2d ed Regnery '56 p492-7

Ramos, Roberto. Bibliografía de la historia de México. The author '56 772p

Street, J. G. R. G. Conway collection in Cambridge university library: a checklist. Hispan Am Hist R 37:60-81 F '57

Williams, S. G. R. G. Conway collection in the Library of Congress: a checklist. Hispan Am Hist R 34:386-97 Ag '55 annot

To 1810—Sources

Alcina Franch, J. Fuentes indígenas de México; ensayo de sistematización bibliográfica. R Indias 15:511-21 Jl '55

To 1519

Burland, Cottie Arthur. Selden roll; an ancient Mexican picture ms. in the Bodleian lib. at Oxford; descriptive commentary [bibliog. by Gerdt Kutscher] (Monumenta americana, 2) Gebr. Mann '55 p43-51

Conquest, 1519-1540

Gardiner, Clinton Harvey. Martin Lopez: conquistador citizen of Mexico. Univ. of Ky. press '58 p 179-84 annot

Gardiner, Clinton Harvey. Naval power in conquest of Mexico. Univ. of Tex. press '56 p223-43 annot

Spanish colony, 1540-1810

McAlister, Lyle N. Fuero militar in New Spain, 1764-1800. Univ. of Fla. press '56 p 107-12

Michigan. University. William L. Clements library. Colonial Mexico; a guide to an exhibition of early bks, maps and manuscripts. (Bul. 66) The library '53 9p annot

Rubio Mañé, Jorge Ignacio. Introducción al estudio de los virreyes de Nueva España, 1535-1746; vi, Orígenes y jurisdicciones, y dinámica social de los virreyes. (Mexico. city). Univ. nacional. Inst. de historia. Pub. no32) Ediciones selectas '55 p301-10

1910-1946

Cumberland, Charles Curtis. Mexican revolution, genesis under Madero. Univ. of Tex. press '52 p261-78

Ferrer de Mendiola, Gabriel. Historia de la revolución mexicana. Ediciones de El nacional '56 incl bibliog

Ross, Stanley Robert. Francisco I. Madero, apostle of Mexican democracy. Columbia univ. press '55 p343-57

Industries and resources

Carrasco Puente, Rafael. Bibliografía industrial; prólogo de Vito Alessio Robles. Mexico. Secretaría del trabajo y previsión social '52 483p

Politics and government

Scholes, Walter Vinton. Mexican politics during the Juárez regime, 1855-1872. (Studies, v30) Univ. of Mo. '57 p 179-85

Tucker, William Pierce. Mexican government today. Univ. of Minn. press '57 p427-65

Social life

Wolf, E. R. Aspects of group relations in a complex society: Mexico. Am Anthropol 58: 1076-8 D '56

MEXICO, Gulf of

Gealy, B. L. Topography of the continental slope in northwest Gulf of Mexico. Geol Soc Am Bul 66:226-7 F '55

Ludwick, J. C. and Walton, W. R. Shelf-edge, calcareous prominences in northeastern Gulf of Mexico. Am Assn Pet Geol Bul 41: 2101 S '57

- MEYER, Alex, 1879-**
Brandt, Leo Wolfgang, ed. Beiträge zum internationalen luftrecht; festschrift zu ehren von Prof. Dr. jur. Alex Meyer aus anlass seines 75. geburstages am 15. dez. 1954, dargebracht von freunden, fachgenossen und schülern. (North Rhine-Westphalia. Ministerium für wirtschaft und verkehr. Verkehrswissenschaftliche veröffentlichungen. no 32) Droste-verlag '54 p 152-5
- MEYER, Conrad Ferdinand, 1825-1898**
Oberle, W. Conrad Ferdinand Meyer; ein forschungsbericht. German-Rom Monatssch 37: 231-52 J1 '56
Wiesmann, Louis. Conrad Ferdinand Meyer, der dichter des todes und der maske. (Basler studien zur deutschen sprache und literatur, no 19) Francke '58 p277-8
- MEYER, Rudolf, 1896-**
Meyer, Rudolf. Gral und seine hüter. Urach-haus '56 p387-8
- MICA**
Cameron, Eugene Nathan, and others. Pegmatite investigations, 1942-45, New England. (U.S. Geological survey. Professional paper 255) U.S. Gov. ptg. office '54 p341-7
Roy, Rustum. Synthetic mica; a critical examination of the literature. School of mineral industries, Pa. state college '52 p57-72
- MICE**
Christian, J. J. Adrenal and reproductive responses to population size in mice from freely growing populations. Ecology 37:273 Ap '56
Southwick, C. H. Population dynamics of confined house mice supplied with unlimited food. Ecology 36:224-5 Ap '55
Southwick, C. H. Regulatory mechanisms of house mouse populations: social behavior affecting litter survival. Ecology 36:634 O '55
Staats, J. Behaviour studies of mice: a selected bibliography. Animal Behaviour 6: 77-84 Ja '58
See also
Field mice
Diseases and pests
Blank, F. Favus of mice. Can J Microbiol 3: 894-6 O '57
Kind, L. S. Altered reactivity of mice after inoculation with bordetella pertussis vaccine. Bact R 22:179-82 S '58
Extermination
Chitty, Dennis, ed. Control of rats and mice. Oxford '54 3v incl bibliog
Reproduction
Greenwald, Gilbert S. Reproduction in a coastal California population of the field mouse microtus californicus. (Calif. Univ. Pubs. in zoology, v54, no7) Univ. of Calif. press '57 p445-6
- MICHAELIS, Leonor, 1875-1849**
MacInnes, D. A. and Granick, S. Leonor Michaelis. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p295-321)
- MICHAELSSON, Karl, 1890-**
Mélanges de philologie romane offerts à M. Karl Michaëlsson par ses amis et ses élèves. Bergendahls boktr. '52 8th-13th prelm p
- MICHEL, Virgil George, 1890-1938**
Marx, Paul B. Life and work of Virgil Michel. (Catholic univ. of Am. Pub. v42) Univ. of Am. press '57 p421-34
—Same; with title: Virgil Michel and the liturgical movement. (Am Benedictine acad. Historical studies. Biographies, no 1) Liturgical press '57 p421-34
- MICHEL-LEVY, Albert, 1877-1955**
Orcel, J. Albert Michel-Lévy. Soc Géol France Bul 6:616-21 F '57
- MICHELET, Jules, 1798-1874**
Johnson, Mary Elisabeth. Michelet et le christianisme. Lib. Nizet '55 p247-55
- MICHELSON, Albert A. 1852-1931**
Wilson, John H. Albert A. Michelson; America's first Nobel prize physicist. Messner '58 p 179-81
- MICHIGAN**
Detroit. Public library. Michigan in books; a list. The library '56 63p annot
Gillard, Kathleen Isabel. Our Michigan heritage. Pageant press '55 p239-59
Michigan. State library. Michigan in books; a sel. list. The library '57? 27p annot
—Supplement, 1958. The library '58 13p annot
Michigan. State library. Michigan's exploding cities; a rep. on metropolitan area planning. (Mich. in bks, v 1, no2) The library '58 p 19-34 annot
- Biography**
Michigan. State university of agriculture and applied science, East Lansing. Library. Community development & services library. Selected bibliography of biographical sources for governors of the state of Michigan; bibliographer: Gerard B. McCabe. The library '59 21p
- Government publications**
Michigan. State library. Michigan documents. The library. See numbers
- History**
Dain, Floyd Russell. Every house a frontier; Detroit's economic progress, 1815-1825. Wayne univ. press '56 p 156-63
Greenly, Albert Harry. Selective bibliography of important books, pamphlets, and broadsides relating to Michigan history. Stinehour press '58 165p
Michigan. Central Michigan college, Mount Pleasant. Library. Clarke historical collection; with a list of Mich. imprints, comp. by Arthur M. Fish. (Mich. Central Mich. college. Pub. no 1) Central Mich. college press '56 46p
- Politics and government**
La Palombara, Joseph G. Guide to Michigan politics. Citizenship clearing house, Law center, N.Y. univ. '55 p67-70 annot
McHargue, Daniel S. Michigan government in brief; prepared by Bur. of gov. inst. of public administration. Univ. of Mich. press '55 incl bibliog
Turano, Peter J. Michigan state and local government and politics: a bibliography. Bur. of gov. inst. of public adm, Univ. of Mich. '55 269p annot
- MICHIGAN. State university of agriculture and applied science, East Lansing**
Michigan. State university of agriculture and applied science, East Lansing. Michigan state university centennial, its planning and execution. The university '56? p74-6
- MICKIEWICZ, Adam, 1798-1855**
Adam Mickiewicz. Praca zbiorowa; opracowania, wybór poezji, prozy, listów, wiersze o pocie, bibliografia. (Materiały oświatowe, 9) Stowarzyszenie Polskich kombatanów '55 incl bibliog
Bratislava. Univerzita. Kniznica. Slovenské mikiwicziana; bibliografia; spracoval Jozef Banský. (Bibliografie) The university '55 47p
Jastrum, Mieczysław. Adam Mickiewicz. Polonia pub. house '55 p81-2
Kozocsa, Sándor. Mickiewicz Magyarországon; a költő halálának századik évfordulójára. (Új bibliog. füzetek, 1) Országos széchenyi könyvtár, Bibliográfiai osztálya '55 p23-59
Lednicki, Wacław, ed. Adam Mickiewicz in world literature; a symposium. Univ. of Calif. press '56 incl bibliog
Mickiewicz, Adam. Selected poems; ed. by Clark Mills, with a critical appreciation by Jan Lechoń. Noonday '56 p 123-4
Polska akademia nauk. Międzynarodowa sesja naukowa. Adam Mickiewicz, 1855-1955; Międzynarodowa sesja 17-20 kwietnia 1956 [redaktorzy naukowi: Kazimierz Wyka, Jadwiga Rużyło Pawłowska]. Zakład narodowy im. Ossolińskich '58 incl bibliog
Semkowicz, Aleksander. Bibliografia utworów Adama Mickiewicza; opracował i uzupełnił Piotr Grzegorzczak; indeksy opracowały Ksenia Kostenicz i Zofia Makowiecka. Państwowy inst. wydawniczy '58 226p
Sliwińska, I. and others. Adam Mickiewicz; zarys bibliograficzny. Państwowy inst. wydawn. '57 353p
Syga, Teofil. Te księgi proste; dzieje pierwszych polskich wydań książek Mickiewicza. Państwowy inst. wydawniczy '56 p307-13
United Nations educational, scientific and cultural organization. Adam Mickiewicz, 1798-1855; in commemoration of the centenary of his death. UNESCO '55 p263-95
Warsaw. Biblioteka narodowa. Instytut bibliograficzny. Adam Mickiewicz, 1798-1855; poradnik bibliograficzny. The library '55 19p
Weintraub, Wiktor. Poetry of Adam Mickiewicz. (Slavistic printings and reprintings, 2) Mouton '54 p285-96

MICROANALYSIS

Philips electronics, incorporated. Instruments division. X-ray micro probe research; partial list of literature references. The division '58 5p
 Satterlee, H. S. Sources of error in microdetermination of arsenic. *AMA Archives Ind Health* 17:229 Mr '58

MICROBES. See Bacteria; Bacteriology; Microorganisms

MICROBIAL control. See Insects, Injurious and beneficial—Biological control

MICROCARDS

Diaz, A. J. Microcards, 1944-1958; a sel. bibliography. Microcard Bul no 19:7-19 Ja '59 annot

MICROCHEMISTRY

Conway, Edward Joseph. Microdiffusion analysis and volumetric error. 4th rev ed Macmillan '58 p449-58

Ogg, C. L. and Ma, T. S. Organic microchemistry. *Anal Chem* 28:769; 30:764-5 Ap '56, Ap '58

West, P. W. Inorganic microchemistry. *Anal Chem* 28:762-6; 30:754-9 Ap '56, Ap '58

MICROCLIMATOLOGY

Brooks, C. E. P. and Evans, G. J. Annotated bibliography on the climate of enclosed spaces <cryptoclimates> Meteorol Abst & Bibliog 7:211-64 F '56

Jensen, Martin. Shelter effect; investigations into the aerodynamics of shelter and its effects on climate and crops [tr. into English by P. Prom] Danish technical press '54 p248-54

United Nations educational, scientific and cultural organization. Climatology and microclimatology; proceedings of the Canberra symposium. Climatologie et microclimatologie; actes du colloque de Canberra. (Arid zone research, 11) UNESCO '58 incl bibliog

MICROCYTHERMIA. See Anemia

MICROFILMS

California. University. Bancroft library. Preliminary guide to the microfilm collection in the Bancroft library, by Mary Ann Fisher. The university '55 28p

Colom, F. S. Lista del contenido de los volumenes microfilmados del Archivo nacional de Asunción. *Hispan Am Hist R* 32:60-120 F '58

MICROFILMS

Dissertation abstracts; a guide to dissertations and monographs available in microfilm. Univ. microfilms. See numbers

Hebrew union college-Jewish institute of religion. American Jewish periodical center. Jewish newspapers and periodicals on microfilm. The center '57 66p

Philadelphia bibliographical center and union library catalogue. Committee on microphotography. Union list of microfilms. rev enl & cumulated ed Edwards '51 1961 cols
 —Supplement, 1949-1952[1-1952-1955] Edwards '53-57 2v

Special editions of West Virginia newspapers on microfilm. West Va Lib 9:4-5 Mr; 6-7 Je '56

United States. Library of Congress. Processing department. British manuscripts project; a checklist of the microfilms prepared in England and Wales for the Am. council of learned socs, 1941-1945; comp. by Lester K. Born. The library '55 179p

United States. Library of Congress. Union catalog division. Newspapers on microfilm; comp. under the direction of George A. Schwegmann. 3d ed The library '57 202p

MICROINCINERATION

Hintzsche, Erich. Das aschenbild tierischer gewebe und organe; methodik, ergebnisse und bibliographie. Springer-verlag '56 p 125-36

MICROMANIPULATOR

Otto, Ludwig. Der mikromanipulator und seine hilfsgerte. Verlag Technik '54 p 113-35

MICRONESIA

Coulter, John Wesley. Pacific dependencies of the United States. Macmillan '57 incl bibliog

See also
 Caroline islands

MICROORGANISMS

American public health association. Committee on evaluation and standards. Coordinating committee on laboratory methods. Subcommittee on methods for the microbiological examination of foods. Recommended methods for the microbiological examination of foods. The association '58 incl bibliog

Bracken, Arthur. Chemistry of microorganisms. Pitman '55 incl bibliog

Bruce, V. G. and Pittendrigh, C. S. Endogenous rhythms in insects and microorganisms. *Am Natur* 91:193-5 My '57

Cooke, W. B. Colonization of artificial bare areas by microorganisms. *Bot R* 22:635-8 N '56

Davis, J. B. and Updegraff, D. M. Microbiology in the petroleum industry. *Bact R* 18:234-8 D '54

Frazier, William Carroll. Food microbiology. McGraw '58 incl bibliog

Gavin, J. J. Analytical microbiology. *Ap Microbiol* 4:329-31; 5:32-3, 242-3; 6:84-5; 7:190-2 N '56, Ja, Jl '57, Ja '58, My '59

Gray, Ernest Alfred. Microbiology; an introduction. Philosophical lib. '55 p 170-2

Gunsalus, I. C. and others. Pathways of carbohydrate metabolism in microorganisms. *Bact R* 19:112-28 Je '55

Hashimoto, T. and Naylor, H. B. Studies of the fine structure of microorganisms. *J Bact* 75:646, 653; 76:415-16; 77:353-4 Je, O '58, Mr '59

Hirschberg, E. Some contributions of microbiology to cancer research. *Bact R* 19:74-8 Je '55

International committee on bacteriological nomenclature. International code of nomenclature of bacteria and viruses; bacteriological code. Iowa state college press '58 incl bibliog

International congress for microbiology. Recent progress in microbiology; symposia held at the 7th Int. congress for microbiology, Stockholm 1958; under the auspices of the Int. assn. of microbiological societies IAMS and the Swedish microbiological society; with an addendum (in English and French) on the structure and function of IAMS; comp. by C. G. Hedén. Almqvist '59 incl bibliog

Ledingham, G. A. and Blackwood, A. C. Review of industrial microbiology in British Commonwealth countries. H.M.S.O. '58 p95-158

Palmer, C. M. Algae and other organisms in waters of the Chesapeake area. *Am Water Works Assn J* 50:949-50 Jl '58

Periman, D. and others. Symposium on the maintenance of cultures of microorganisms. *Bact R* 19:282-3 D '55

Saries, William Brown, and others. Microbiology; general and applied. 2d ed Harper '56 incl bibliog

Society for general microbiology. Microbial ecology. 7th symposium of the Society held at the Royal inst, London, Apr. 1957. Cambridge '57 incl bibliog

Southcott, B. A. and Tarr, H. L. A. Microbiological formation of vitamin B₁₂. *Can J Microbiol* 3:201-2 Mr '57

Tijdschrift voor entomologie. La symbiose des insectes avec les microorganismes. The symbiosis of insects with microorganisms; extrait du vol. 95, 1952. (Ser. B: Colloquia, no 10) Int. union of biological sciences '52 incl bibliog

Wedberg, Stanley Edward. Microbes and you. Macmillan '54 p417-23

Witton, Catherine Jones. Microbiology with applications to nursing. 2d ed (McGraw-Hill ser. in nursing) McGraw '56 incl bibliog

See also

Bacteria
 Bacteriology
 Bartonellaceae
 Fungi
 Protozoa
 Viruses

MICROORGANISMS, Fossil. See Micro-paleontology

MICROORGANISMS, Pathogenic

Society for general microbiology. Mechanisms of microbial pathogenicity; 5th symposium of the Society, held at the Royal inst, London, Apr. 1955. Cambridge '55 incl bibliog

Suter, E. Interaction between phagocytes and pathogenic microorganisms. *Bact R* 20:118-32 Je '56

See also

Bacteria, Pathogenic

MICROPALEONTOLOGY

- Bolin, E. J. Upper cretaceous foraminifera, ostracoda, and radiolaria from Minnesota. *J Paleont* 30:297-8 Mr '56
- Deflandre, G. Annotated bibliography of micropaleontology in France, 1952-1956 (exclusive of foraminifera and ostracoda). *Micropaleontology* 3:263-7 Jl '57
- Deflandre, G. and Cookson, I. C. Fossil microplankton from Australian late mesozoic and tertiary sediments. *Australian J Marine & Freshwater Res* 6:306-8 Ag '55
- Downie, C. Microplankton from the Kuneridge clay. *Geol Soc Lond Q J* no448:432-3 Je '57
- Eisenack, A. Tasmanites Newton 1875 and leiostrophia n.g. als gattungen der hystrichosphaeridea. *Paleontographica* 110 secA: 16-17 F '58
- Hiltermann, H. Annotated bibliography of micropaleontology in Germany. *Micropaleontology* 2:385-92; 3:399-406; 4:431-8 O '56, O '57, O '58
- Howe, H. V. Fifty years of micropaleontology. *J Paleont* 33:515-17 My '59
- Jones, Daniel John. Introduction to microfossils. (Harper's geoscience ser) Harper '56 incl bibliog
- Matthes, Horst Werner. Einführung in die mikropaläontologie. Hirzel '56 incl bibliog
- Pokorný, Vladimír. Základy zoologické mikropaleontologie. Nakl. Československé akademie věd '54 p539-608
- Traverse, A. Systematic methods for mesozoic and cenozoic plant microfossils. *Micropaleontology* 2:397-8 O '56
- Wilson, Leonard Richard, and Hoffmeister, William Simon. Plant microfossils of the Crowburg coal. (Circ. 32) Okla. Geological survey '56 p43-4

MICROPHOTOGRAPHY

- Born, L. K. Literature of microreproduction, 1950-1955. *Am Doc* 7:167-87 Jl '56
- Burkett, J. Microrecording in libraries: a review of present practice. (Pamphlet no17) Lib. assn. '57 p41-2
- Kiersky, L. J. Bibliography on reproduction of documentary information, 1955-September 1957. *Sp Lib* 48:405-9 N '57
- Knigge, Hans Joachim. Die literatur zum microfilm. (AWV-schriftenreihe, no 143) Schilling '56 56p
- Stevens, Guy William Willis. Microphotography: photography at extreme resolution. Wiley '57 incl bibliog

MICRORADIOGRAPHY

- International union of pure and applied physics. X-ray microscopy and microradiography: proceedings of a symposium held at the Cavendish laboratory, Cambridge, 1956; ed. by V. E. Cosslett [and others] Academic press '57 incl bibliog

MICROSCOPE and microscopy

- Abstracts. See numbers of Royal microscopical society. *Journal*
- Corrington, Julian Dana. Exploring with your microscope. McGraw '57 incl bibliog annot
- Frison, Ed. L'évolution de la partie optique du microscope au cours du dix-neuvième siècle; les test objects, les test-, probe- et typen-platten. (Mededeling, no89) Rijksmuseum voor de geschiedenis der natuurwetenschappen '54 p 154-63
- Gray, Freda, and Gray, Peter. Annotated bibliography of works in Latin alphabet languages on biological microtechnique. Brown '56 116p annot
- Hallimond, Arthur Francis. Manual of the polarizing microscope. 2d ed Cooke, Troughton & Simms '53 p 198-201
- Hildenbrand, G. Grundlagen der röntgenoptik und röntgenmikroskopie. *Ergeb Exakt Naturw* 30:111-33 '58
- Hughes, A. Studies in the history of microscopy. *Roy Micros Soc J* 75:19-22; 76:58-9 Ag '55, Mr '56
- Maresh, C. and others. Chemical microscopy. *Anal Chem* 30:835-8 Ap '58
- Payne, Bryan Oliver. Microscope design and construction. (Pub. no M 1) Cooke, Troughton & Simms '54 incl bibliog
- Richards, O. W. Some advances in microscopy. *Am Micros Soc Trans* 75:140-2 Ja '56
- Sass, John Eugene. Botanical microtechnique. 3d ed Iowa state college press '58 p221-4

Stoves, J. L. Fibre microscopy: its technique and application. Nat. trade press '57 incl bibliog

See also

Electron microscope
Microchemistry
Microincineration
Optical instruments
Photomicrography
Stains and staining (microscopy)
X Ray microscope

MICROSCOPIC anatomy. See Histology

MICROSCOPIC editions. See Bibliography—Microscopic and miniature editions

MICROSEISMS

- Pontificia accademia delle scienze, Rome. Semaine d'étude sur le problème des microseismes. (Scripta varia, 12) The academy '52 incl bibliog
- United States. Office of naval research. Symposium on microseisms held at Arden House, Harriman, N.Y., 4-6 Sept, 1952. (Pub. 306) Nat. research council '53 incl bibliog

MICROWAVE spectrum. See Spectrum, Microwave

MICROWAVES

- Beam, R. E. and Brodwin, M. E. Report of advances in microwave theory and techniques in U.S.A. 1958. *Inst Radio Eng Trans MTT-7:308-25* Jl '59 incl bibliog
- Bray, W. J. Survey of microwave radio communication. *Electronic Eng* 30:236 My '58
- Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on modern advances in microwave techniques; Nov. 8, 9, 10, 1954; ed. by Jerome Fox. (Symposia ser, v4) The institute '55 incl bibliog
- Brown, J. Report of advances in microwave theory and techniques in Great Britain, 1958. *Inst Radio Eng Trans MTT-7:325-7* Jl '59 incl bibliog
- Goudet, G. Report of advances in microwave theory and techniques in Western Europe, 1958. *Inst Radio Eng Trans MTT-7:327-30* Jl '59 incl bibliog
- Gough, M. W. Microwave line-of-sight propagation. *Electronic Eng* 30:247 My '58
- Harvey, A. F. Optical techniques at microwave frequencies. *Inst Elec Eng Proc* 106 pt B:155-7 Mr '59
- Harvey, A. F. Parallel-plate transmission systems for microwave frequencies. *Inst Elec Eng Proc* 106 pt B:139-40 Mr '59
- Megla, Gerhard. Dezimeterwellentechnik; theorie und technik der dezimeterschaltungen. 2d ed Fachbuchverlag '53 p327-41
- Someya, I. Report of advances in microwave theory and techniques in Japan, 1958. *Inst Radio Eng Trans MTT-7:331* Jl '59 incl bibliog
- Tischer, Friedrich J. Mikrowellen-messtechnik. (Technische physik in einzeldarstellungen, 12) Springer '58 incl bibliog
- Wind, Moe, and Rapaport, Harold, eds. Handbook of microwave measurements. Microwave research inst. Polytechnic inst. of Brooklyn '54 2v incl bibliog
- Same, 2d ed. Microwave research inst. Polytechnic inst. of Brooklyn '55 2v incl bibliog

MIDDLE ages

- Artz, Frederick Binkerd. Mind of the middle ages. A.D. 200-1500; an historical survey. 3d ed rev Knopf '58 p503-66 annot
- Bk, William Carroll. Origins of the medieval world. (Stanford studies in history, economics, and political science, 14) Stanford univ. press '58 p 149-58
- Bibliography of periodical literature. See numbers of *Speculum*
- Historical association, London. Medieval European history, 395-1500; a sel. bibliography. (Helps for students of history, no57) Philip '55 44p
- Taylor, Henry Osborn. Classical heritage of the middle ages. 4th ed augm Ungar '57 p359-406 annot

See also

Architecture, Medieval
Art, Medieval
Church history—Middle ages
Commerce, Medieval
Literature, Medieval
Manuscripts, Medieval
Painting, Medieval
Philosophy, Medieval
Renaissance
Science, Medieval

MIDDLE ages—*Continued*

Civilization

See Civilization, Medieval

Economic conditions

Lyon, Bryce Dale. From fief to indenture; the transition from feudal to non-feudal contract in western Europe. (Harvard historical studies, no 68) Harvard univ. press '57 p313-21

History

Davis, Ralph Henry Carlless. History of medieval Europe from Constantine to Saint Louis. Longmans '57 incl bibliog

French bibliographical digest; no 19 (ser2) History; pt2, History of the middle ages. Cultural div, French embassy '56 41p annot

Hoyt, Robert Stuart. Europe in the middle ages. Harcourt '57 p627-40 annot

Katz, Solomon. Decline of Rome and the rise of mediaeval Europe. (Development of western civilization) Cornell univ. press '55 p 157-60 annot

Leitsch, W. Bibliographie zur geschichte des mittelalters aus slawischen zeitschriften; I. Polen (1952-1957) Inst Öster Geschichtsforsch Mitt 66 no 1/2:217-39; no3/4:422-69 '58

Runciman, Sir Steven. Sicilian vespers; a history of the Mediterranean world in the later thirteenth century. Cambridge '58 p331-8

Strayer, Joseph Reese. Middle ages, 395-1500; by [the authl and Dana C. Munro. 4th ed (Century historical ser) Appleton '59 p561-80

See also

Byzantine empire. 323-1453

Crusades

Feudalism

Social life and customs

See also

Troubadours

MIDDLE classes

Barber, Elinor G. Bourgeoisie in 18th century France. Princeton univ. press '55 p 147-59

Johnson, John J. Political change in Latin America; the emergence of the middle sectors. (Stanford studies in history, economics, and political science, v 15) Stanford univ. press '58 p 197-263 annot

Johnson, J. J. Middle groups in national politics in Latin America. Hispan Am Hist R 37:324-9 Ag '57

MIDDLE EAST

Badeau, John Stothoff. Lands between. Friendship press '58 p 123-9

Bibliography of periodical literature. See numbers of Middle East journal

Buck, Elizabeth (Hawthorn). Materials in the National archives relating to the Middle East. (Reference information papers, no44) U.S. Nat. archives '55 96p

Campbell, John C. Defense of the Middle East; problems of Am. policy. (Council on foreign relations. Pubs) Harper '58 p361-80 annot

Ellis, Harry B. Heritage of the desert; the Arabs and the Middle East. Ronald '56 p301-4

Fisher, Sydney Nettleton, ed. Social forces in the Middle East. Cornell univ. press '55 p263-74 annot

Jerusalem. Hebrew university. Economic research institute. Selected bibliography of articles dealing with the Middle East; 2, 1951-1954. The institute '55 83, 8p

Middle East bibliography. ACPN Newsletter 6:4-7 Ap '59 annot

Middle East. 1959. (7th ed) Europa '59 p489

Middle East Institute. Current research on the Middle East, 1955[1957] The institute '56-'58 3v

Moyer, Kenyon Edward. From Iran to Morocco, from Turkey to the Sudan; a sel. and annot. bibliog. of North Africa and the Near and Middle East. Missionary research lib. '57 51p

Prague. Universita Karlova. Knihovna. Arabský svět; výběrový seznam publikací a článků; sest. Miroslav Kaftan a Vilém Nový. (Čteme a studujeme, 1956, seš. 9) The library '56 15p

Royal institute of international affairs. Middle East; a political and economic survey; 3d ed. ed. by Sir Reader Bullard. Oxford '58 p547-55

Sharabi, H. B. Handbook on the contemporary Middle East; sectional introds. with annot. bibliographies. Georgetown univ. '56 incl bibliog

Spuler, Bertold, and Forrer, Ludwig. Der Vordere Orient in islamischer zeit. (Wissenschaftliche forschungsberichte. Geisteswissenschaftliche reihe, v21. Orientalistik no3) Francke '54 248p

United States. Armed forces staff college. Norfolk, Virginia. Library. Bibliography: Balkans and Middle East area. The library '57 15p

United States. Library of Congress. Introduction to the Near East collections in the Library of Congress, prepared for the delegates to the Colloquium on Islamic culture, September 17-19, 1953. The library '53 5p

Antiquities

Bibliographie analytique de l'assyriologie et de l'archéologie du Proche-Orient, 1954-1955. (V 1 secA.) Brill '56 132p

French bibliographical digest; no21 (ser2) Archaeology (1945-1955) pt2, The Near-East, by Pierre Amandry. Cultural center, French embassy '57 78p annot

Climate

Butzer, K. W. Late glacial and postglacial climatic variation in the Near East. Erdkunde 11:34-5 F '57

Description and travel

Fedden, Robbin. English travellers in the Near East. (Bibliog. ser. of sups. to British bk. news. no97) Longmans '58 p41-4

Weber, Shirley Howard. Voyages and travels in the Near East made during the XIX century; being a part of a larger catalogue of works on geography, cartography, voyages and travels, in the Gennadius lib. in Athens; comp. and provided with a pref. and index by Shirley Howard Weber. (Gennadius lib. Catalogues, 1) Am. school of classical studies at Athens '52 252p

Economic conditions

Lloyd, Edward Mayow Hastings. Food and inflation in the Middle East, 1940-45. (Stanford univ. Food research inst. Studies on food, agriculture, and World war II) Stanford univ. press '56 incl bibliog

Foreign economic relations

Allen, Robert Loring. Middle eastern economic relations with the Soviet Union, Eastern Europe, and mainland China. Woodrow Wilson dept. of foreign affairs, Univ. of Va. '58 p 125-8 annot

History

Fisher, Sydney Nettleton. Middle East, a history. Knopf '59 incl bibliog annot

Hurewitz, Jacob Coleman, ed. Diplomacy in the Near and Middle East; a documentary record. Van Nostrand '56 2v incl bibliog

Yale, William. Near East; a modern history. (Univ. of Mich. history of the modern world) Univ. of Mich. press '58 p483-5

Politics

Fisher, Carol Ann, and Krinsky, Fred. Middle East in crisis; a historical and documentary review. Syracuse univ. press '59 p205-6

Fisher, Carol Ann, and Krinsky, Fred, eds. United States and the Middle Eastern crisis: ideals and realities in the making of foreign policy. Maxwell graduate school of citizenship & public affairs, Syracuse univ. '57 p 144-6

Kedourie, Elie. England and the Middle East; the destruction of the Ottoman empire, 1914-1921. Bowes '56 p214-23

Lenczowski, George. Middle East in world affairs. 2d ed Cornell univ. press '56 p548-65

McClellan, Grant S. ed. Middle East in the cold war. (Reference shelf, v28, no6) Wilson '56 p 191-201

Mowat, Robert Case. Middle East perspective. Pitman '58 p273-4

Shwadrán, Benjamin. Jordan, a state of tension. Council for Middle Eastern affairs press '59 p401-24

Shwadrán, Benjamin. Middle East, oil, and the great powers. (Bks. that matter) Praeger '55 p446-79 annot

MIDDLE EAST—Continued

Religion

Jurji, Edward Jabra. Middle East: its religion and culture. Westminster press '56 p 156-9

Social life and customs

Patal, R. Cousin-right in Middle Eastern marriage. *Sw J Anthropol* 11:387-90 Winter '55

MIDDLE High German literature. See German literature—Middle High German

MIDDLE WEST

See also

Great Plains region

Description and travel

Hubach, R. R. Unpublished travel narratives on the early Midwest, 1720-1850: a prelim. bibliography. *Miss Val Hist R* 42:525-48 D '55

History

Stevens, Harry Robert. Middle West. Service center for teachers of history '58 25p

MIDDLESEX, England

Robbins, Michael. Middlesex. (New survey of England, 1) Collins '53 p397-417

MIDDLETON, Thomas, d 1627

Schoenbaum, Samuel. Middleton's tragedies; a critical study. (Columbia univ. Studies in English and comparative literature, no 168) Columbia univ. press '55 p253-60

MIDGES

Roback, Selwyn S. Immature tendipedids of the Philadelphia area (diptera: tendipedidae). (Monographs, no9) Acad. of natural sciences of Philadelphia '57 p 137-40

Rothfels, K. H. and Fairlie, T. W. Non-random distribution of inversion breaks in the midge *tendipes decorus*. *Can J Zool* 35: 262-3 Ap '57

MIES VAN DER ROHE, Ludwig, 1886-

Bill. Max. Ludwig Mies van der Rohe. (Architetti del movimento moderno, 12) Il Balcone '55 p36-7

MIGLIORINI, Bruno, 1896-

Migliorini, Bruno. *Saggi linguistici*. Le Monnier '57 p xi-xxvii

MIGRANT labor

European coal and steel community. High authority. *Bibliographie über die inländische beweglichkeit und die internationalen wanderbewegungen der arbeitnehmer*. *Bibliographie relative à la mobilité interne et aux migrations internationales des travailleurs*. *Bibliografia relativa alla mobilità interna e alle migrazioni internazionali dei lavoratori*. *Bibliografie met betrekking tot de binnenlandse mobiliteit en de internationale migratie van arbeiders*. The authority '58 373p

United States. Bureau of labor standards. Selected references on migratory workers and their families; problems and programs, 1950-1955. The bureau '55 11p

United States. Department of health, education, and welfare. Report of the East Coast migrant conference, May 17, 18 [and] 19, 1954. Washington, D.C. The department '54 p 107-10

MIGRATION, Internal

Goldstein, Sidney. Patterns and mobility, 1910-1950; the Norristown study; a method for measuring migration and occupational mobility in the community. Univ. of Pa. press '58 p244-9

Hannerberg, David, and others, eds. Migration in Sweden, a symposium. (Lund studies in geography. SerB: Human geography, no 13) Gleerup '57 incl bibliog

Rossi, Peter Henry. Why families move; a study in the social psychology of urban residential mobility. Free press '55 p 185-95 annot

Studies in rural-urban interaction. (Lund studies in geography. SerB: Human geography, no3) Dept. of geography, Royal univ. of Lund '51 incl bibliog

Wendel, Bertil. Migration schema, theories and observations. (Lund studies in geography, SerB: Human geography, no9) Dept. of geography, Royal univ. of Lund '53 p37-8

MIGRATION of birds. See Birds—Migration

MIGRATION of fishes. See Fishes—Migration

MIGRATION of parasites. See Parasites—Migration

MIGRATIONS of man. See Man—Migrations

MIGRATORY workers. See Migrant labor

MIKHAILOVSKII, Nikolai Konstantinovich,

1842-1904

Billington, James H. Mikhailovsky and Russian populism. Oxford '58 p 197-211

MIKLUKHA-MAKLAI, Nikolai Nikolaevich,

1846-1888

Fischer, Dora. Unter Südsee-insulanern; das leben des forschers Mikloucho-Maclay. Koehler & Amelang '55 p437-48

MILDEW

Delp, C. J. Effect of temperature and humidity on the grape powdery mildew fungus. *Phytopathology* 44:625-6 N '54

Yarwood, C. E. Powdery mildews. *Bot R* 23: 278-93 Ap '57

MILITARISM

Obermann, Emil. Soldaten, bürger, militaristen; militär und demokratie in Deutschland. Cotta '58 p303-13

See also

Imperialism

MILITARY aeronautics. See Aeronautics, Military

MILITARY architecture

Gerő, László. Magyarországi várépítészet (vázlat a magyar várépítés fejezeteiről) Művelt nép '55 p471-7

MILITARY art and science

Books of interest to the military reader See numbers of Military review

Cockle, Maurice James Draffen. Bibliography of military books up to 1642; with an introd. by Charles Oman. 2d ed Holland press '57 287p

Dallin, Alexander. Red Star on military affairs, 1945-1952; a sel. annot. list of articles in the Soviet military newspaper. (Research memorandum, RM-1637) Rand corp. '56 48p

Marín y Peña, Manuel. Instituciones militares romanas. (Enciclopedia clásica, no2) Patronato Menéndez y Pelayo, Consejo superior de investigaciones científicas '56 incl bibliog

Military digests. See numbers of Military review

Military library. See numbers of Military affairs

Month's books. See numbers of Army

Oltman, F. A. Significant military literature. *Sp Lib* 50:53-60 F '59

Peterson, Harold Leslie. Arms and armor in colonial America, 1526-1783. Stackpole co. '56 p337-45

Reviews and notices of recent books on military subjects. See numbers of Army quarterly

Smith, Dale O. U.S. military doctrine; a study and appraisal; foreword by Carl Spaatz. Duell; Little '55 p237-45

Special libraries association. Military librarians division. Military art and science; 100 titles for the large or academic library. (Bibliog. no6) The association '56? 8p

United States. Air university. Professional reading guide for air force officers; officer personnel, 1956-1957. 10th ed (Air force pamphlet AFP 36-5-1) The university '56 56p

United States. Army. Transportation corps. Library. Transportation corps; professional reading list. The library '58 21p

United States. Department of the army. Military publications; index of training publications. (Pamphlet no310-3) The department '57 85p

United States. Department of the army. Army library. Military and strategic implications of technological progress; a sel. list of titles. (Special bibliog. no 17) The library '58 23p

United States. Department of the army. Army library. Military aspects of space exploration; a sel. list of titles. (Special bibliog. no 16) The library '58 55p

United States. Department of the army. Army library. Military power and national objectives; sel. list of titles. (Special bibliog. no 15) The library '57 181p

United States. Department of the army. Army library. Mobility in modern warfare; a sel. list of titles. (Special bibliog. no 13) The library '57 175p

MILITARY art and science—Continued

United States. Department of the army. Office of the adjutant general. Special services division. Library and service club branch. Military science and related subjects; bibliography. The library '58 33p
 Van Riper, P. P. Survey of materials for the study of military management. Am Pol Sci R 49:828-50 S '55

See also

Aeronautics. Military
 Arms and armor
 Fortification
 Guerilla warfare
 Logistics
 Military engineering
 Naval art and science
 Strategy
 War

Dictionaries

United States. Department of the army. Army library. Glossaries: a prelim. survey of sel. titles of technical and scientific, domestic and foreign terms and definitions employed by the Dept. of defense. (Special bibliog. no5) The library '56 27p

History

Quimby, Robert S. Background of Napoleonic warfare; the theory of military tactics in eighteenth-century France. (Columbia studies in the social sciences. no596) Columbia univ. press '57 p371-5

Periodicals

Lingelbach, K. Verzeichnis der an west-deutschen bibliotheken zugänglichen militärzeitschriften. Wehrw Rundsch 6:330-6 Je '56

United States. Air university. Libraries. Union list of foreign military periodicals; prelim. ed. ed. by Paul H. Spence landl Helen J. Hopewell. Maxwell air base '57 72p

MILITARY assistance, American

Organization for European economic co-operation. Library. Aide américaine à l'Europe, 1947-1956; bibliog. sélectionnée, docs. officiels américains relatifs à l'aide économique, financière et militaire, catalogués à la Bibliothèque. American aid to Europe, 1947-1956; sel. bibliog. official United States docs. on economic, financial and military aid, catalogued at the Library. The library '56 66p

MILITARY biography

United States. Command and general staff college, Fort Leavenworth. Library services. Bibliography; leadership, phase III, 5033/7. The services '56? 59p

See also

Generals

MILITARY education

Augustin, M. Annotated bibliography for training officers. Philippine J Pub Adm 2:405-7 O '58

MILITARY engineering

United States. Advisory group on reliability of electronic equipment. Reliability of military electronic equipment; report. U.S. Gov. ptg. office '57 incl bibliog

See also

Military architecture

MILITARY government. See Military occupation**MILITARY history**

Cockle, Maurice James Draffen. Bibliography of military books up to 1642; with an introd. by Charles Oman. 2d ed Holland press '57 267p

Feuerwehr-gesellschaft (Artillerie-kollegium) Zurich. Die Mathematisch-militärische gesellschaft in Zürich und ihre bibliothek; 2. teil. Auswahl wertvoller drucke des 16. und 17. jahrhunderts aus der bibliothek, mit vorwort von Paul Scherrer. (Neujahrsblatt 146) Kommissionsverlag Beer & co. '55 p20-56

Preston, Richard Arthur, and others. Men in arms; a history of warfare and its interrelationships with Western society. (Bks. that matter) Praeger '56 p341-57

Vagts, Alfred. Defense and diplomacy; the soldier and the conduct of foreign relations. (Columbia univ. Inst. of war and peace. Studies. Topical studies in int. relations) Kings crown press '56 p533-47

See also

Naval history

MILITARY hygiene

See also

Medicine. Military

MILITARY law

See also

Martial law

MILITARY medicine. *See* Medicine, Military

MILITARY occupation

Von Glahn, Gerhard. Occupation of enemy territory; a commentary on the law and practice of belligerent occupation. Univ. of Minn. press '57 p313-40

MILITARY offenses

United States

United States. Court of military appeals. Law library. Bibliography of articles concerning: United States Court of military appeals, Uniform code of military justice, military justice and related misc. subjects. The library '56 1v

MILITARY policy

United States. Department of the army. Army library. Bibliography on limited war. (PAM 20-60) The library '58 53p

MILITARY privileges and immunities

Mexico

McAlister, Lyle N. Fuero militar in New Spain, 1764-1800. Univ. of Fla. press '56 p 107-12

MILITARY psychiatry. *See* Psychiatry, Military

MILITARY religious orders

See also

Templars

MILITARY research

United States. Research and development board. Committee on human resources. Panel on human engineering and psychophysiology. Human engineering in the national defense. The board '53 p8-10 annot

MILITARY schools. *See* Military education

MILITARY service, Compulsory

See also

Conscientious objectors

United States

See also

Draft riot, 1863

MILITARY surgery. *See* Surgery, Military

MILITARY uniforms. *See* Uniforms, Military

MILK

Abstracts of literature. *See* numbers of Journal of dairy science

Goldblith, S. A. and others. Radiation preservation of milk and milk products. J Dairy Sci 39:378, 389-90, 400-1, 1245-6; 42:475 Ap. S '56, Mr '59

Manuale lactis; periodisch erscheinendes handbuch der milchwirtschaftlichen weilliteratur, geordnet nach dem system der Bibliotheca lactis (DK 6370 B.L.90) 2. folge. H. Carl. *See* numbers

Roedter, Georg. Grundzüge der milchwirtschaft und des molkeerwesens. Parey '54 p775-93

Rutz, W. D. and others. Some physical properties of milk. J Dairy Sci 38:1317-18; 39: 363, 1505; 40:861; 42:226, 230-1 D '55, Ap. N '56, Jl '57, F '59

Swope, Daniel A. Factors associated with level of fluid milk consumption. (A.E. & R.S. no3) Agricultural experiment station, Penn. state univ. '56 p31-3

See also

Butter

Cheese

Cream

Dairy products

Acid content

Babel, F. J. Slow acid production by lactic cultures: a review. J Dairy Sci 38:727-33 Jl '55

Smith, L. M. and Jack, E. L. Isolation of milk phospholipids and determination of their polyunsaturated fatty acids. J Dairy Sci 42:777-9 My '59

Bacteriology

Kronenwett, F. R. and others. Thermal death time studies of brucella abortus in milk. J Dairy Sci 37:1301-2 N '54

Myhr, A. N. and Olson, J. C. Study of thermal resistance of micrococci in milk. J Dairy Sci 39:1642-3 D '56

MILK—Bacteriology—Continued

Wilkowski, H. H. and Krienke, W. A. Inhibitory substances in milk. *J Milk & Food Tech* 18:261 O '55

See also

Milk—Sterilization

Coagulation

Claesson, O. and Nitschmann, H. Optical investigation of the rennet clotting of milk. *Acta Ag Scand* 7 no4:360 '57

Color

See Milk, Color of

Composition

Armstrong, T. V. Variations in the gross composition of milk as related to the breed of the cow: a review and critical evaluation of literature of the United States and Canada. *J Dairy Sci* 42:17-19 Ja '59

Rusoff, Louis Leon, and others. Production and composition of milk of cows cooled by shade or sprinkling during the summer months. (Bul. no497) La. state univ. & mechanical college '55 p27-9

Solids-not-fat in milk symposium. *J Dairy Sci* 41:440-50 Mr '58 incl bibliog

Wilcox, C. J. and others. Genetic and environment influences upon solids-not-fat content of cow's milk. *J Dairy Sci* 42:1143-6 Jl '59

See also

Milk—Food value

Fat content

Haab, W. and others. Countercurrent distribution of milk fat triglycerides. *J Dairy Sci* 42:466-7 Mr '59

Smith, L. M. and others. Effect of phospholipids and unsaponifiable matter of oxidative stability of milk fat. *J Dairy Sci* 41:481-2 Ap '58

Flavor and odor

DeLuca, A. P. and others. Relative effectiveness of various antioxidants fed to lactating dairy cows, on incidence of copper-induced oxidized milk flavor and on apparent carotene and tocopherol utilization. *J Dairy Sci* 40:835-6 Ag '57

Lusas, E. W. and others. Possibility of copper-induced oxidation of milk in stainless steel-white metal systems. *J Dairy Sci* 39:1497-9 N '56

Riel, R. R. and Sommer, H. H. Isolation and characterization of some oxidation products associated with oxidized flavor. *J Dairy Sci* 38:1222-4 N '55

Roberts, W. M. Problems involved in flavor removal. *J Dairy Sci* 42:563 Mr '59

United States. Department of agriculture. Flavors of milk: a review of literature, by D. R. Strobel [and others] The department '53 p71-91

Food value

Irwin, Margaret House. Milk as a food throughout life. rev (Bul. 447) Agricultural experiment station, Univ. of Wis. '54 p50-4

Marketing

Agnew, Donald Burns. How bulk assembly changes milk marketing cost. (U.S. Dept. of agriculture. Marketing research rep. no 190) U.S. Gov. ptg. office '57 p75-91

California. Legislature. Joint committee on agriculture and livestock problems. Special report on fluid milk price control in California. Senate of the state of Calif. '55 p 185-91

Harris, Edmond S. Classified pricing of milk: some theoretical aspects. (U.S. Dept. of agriculture. Technical bul. no 1184) Agricultural marketing service, Marketing research div. '58 p 104-6

Marketing

Metzger, Homer B. Appraisal of multiple-quart containers, volume discounts, and store differentials in milk distribution. (Mimeographed rep. 56) Me. agricultural experiment station '55 p20-1

Miles, James Franklin. Review of milk-pricing plans. (Bul. 438) S.C. Agricultural experiment station, Clemson agricultural college '56 p41-3

Purcell, Joseph C. Analysis of demand for fluid milk and fluid milk substitutes in the urban South. (Technical bul. new ser. 12) Ga. Agricultural experiment stations. Univ. of Ga. '57 p69-70

United States. Agricultural marketing service. Regulations affecting the movement and merchandising of milk; a study of the impact of sanitary requirements, federal orders, state milk control laws, and truck laws on price, supply, and consumption. (U.S. Dept. of agriculture. Marketing research rep. no98) U.S. Gov. ptg. office '55 p 112-16

Wisconsin. University. Agricultural experiment station. Analysis of federal court decisions relating to the marketing of fluid milk. (Research bul. 200) The station; U.S. Dept. of agriculture '57 p99-100

Mineral content

Archibald, J. G. Aluminum in cow's milk. *J Dairy Sci* 38:161-2 F '55

Pasteurization

Collins, E. B. and others. Thermal destruction of micrococcus freudenreichii and streptococcus thermophilus with particular reference to pasteurization without holding. *Ap Microbiol* 4:140 My '56

Production

Browning, C. B. and others. Milk response from feeding diethylstilbestrol to identical-twin cows during complete lactation. *J Dairy Sci* 40:1597-8 D '57

Hanson, A. and others. Studies on monozygous cattle twins. *Acta Ag Scand* 8 no3:317-18 '58

Koshi, J. H. and Petersen, W. E. Complementary milk and its relationship to lactation. *J Dairy Sci* 38:795-6 Jl '55

Rusoff, Louis Leon, and others. Production and composition of milk of cows cooled by shade or sprinkling during the summer months. (Bul. no497) La. state univ. & mechanical college '55 p27-9

Schmidt, G. H. and Schultz, L. H. Effect of three levels of grain feeding during the dry period on the incidence of ketosis, severity of udder edema, and subsequent milk production of dairy cows. *J Dairy Sci* 42:178-9 Ja '59

Touchberry, R. W. and others. Associations between service interval, interval from first service to conception, number of services per conception, and level of butterfat production. *J Dairy Sci* 42:1169-70 Jl '59

Protein content

Jenness, R. and others. Nomenclature of the proteins of bovine milk. *J Dairy Sci* 39:540-1 Mv '56

Whitney, R. M. Minor proteins of bovine milk. *J Dairy Sci* 41:1316-23 O '58

Sterilization

Murphy, L. and others. Electrophoretic properties of casein from sterilized milk stored at different temperatures. *J Dairy Sci* 41:1340-1 O '58

Strontium content

Larson, B. L. and Ebner, K. E. Significance of strontium-90 in milk: a review. *J Dairy Sci* 41:1661-2 D '58

Vitamin content

Dryden, L. P. and others. Comparative assay for vitamin B₁₂ in certain milk products by various rat growth methods. *J Nutrition* 59:100-2 My '56

Hartman, A. M. and others. Vitamin B₁₂ content of milk and milk products as determined by rat assay. *J Nutrition* 59:86-8 My '56

MILK, Color of

Patton, S. Browning and associated changes in milk and its products: a review. *J Dairy Sci* 38:473-8 My '55

MILK, Dried

Greene, V. W. and Jezeski, J. J. Studies on starter metabolism. *J Dairy Sci* 40:1052, 1060-1, 1070-1 S '57

MILK, Human

Kayser, Marie Elise (Schubert). Frauenmilchsammelstellen; ein leitfaden für deren einrichtung und betrieb; 2. überarb. auf. hrsg. von Konrad Kayser. Fischer '54 incl bibliog

MILK, Pasteurized. See Milk—Pasteurization

MILK, Powdered. See Milk, Dried

MILK, Rats'

Luckey, T. D. and others. Physical and chemical characterization of rat's milk. *J Nutrition* 54:357-9 N '54

MILK, Skimmed

Emmons, D. B. and others. Effect of skim-milk heat treatments on cottage cheese manufacture. *J Dairy Sci* 42:1030-1 Je '59

MILK as food. See Milk—Food value**MILK fat. See Butterfat****MILK fever in cows**

Boda, J. M. and Cole, H. H. Calcium metabolism with special reference to parturient paresis (milk fever) in dairy cattle. *J Dairy Sci* 39:1043-54 Jl '56

Marshak, R. R. Studies on parturient paresis in dairy cows with particular reference to udder insufflation. *Am Vet Med Assn J* 128:430 My 1 '56

MILK industry and trade

Boles, J. N. Economics of scale for evaporated milk plants in California. *Hilgardia* 27 no21: 701-3 O '58

California. Legislature. Joint committee on agriculture and livestock problems. Special report on fluid milk price control in California. Senate of the state of Calif. '55 p 185-91

See also

Milk—Marketing

MILK sugar. See Lactose**MILK supply****Europe**

Grimes, G. M. Military veterinarian's role in the fresh milk supply for United States armed forces in Europe. *Am Vet Med Assn J* 132:152 F 15 '58

MILKING

Koshi, J. H. and Petersen, W. E. Complementary milk and its relationship to lactation. *J Dairy Sci* 38:795-6 Jl '55

MILKY way

Dufay, Jean. Galactic nebulae and interstellar matter; tr. by A. J. Pomerans. Philosophical lib. '57 p329-43

Roman, N. G. and Yaplee, B. S. Radio sources and the milky way at 440 MC. *Inst Radio Eng Proc* 46:204 Ja '58

Velghe, A. Over de bepaling van afstanden uitgestrekteheden en absorpties van donkere melkwegnevels. *L'Avenir* '50 p67-8

MILL, John Stuart, 1806-1873

Cranston, Maurice. John Stuart Mill. (Bibliog. ser. of sups. to British bk. news, no99) Longmans '58 p31-4 annot

Mueller, Iris Wessel. John Stuart Mill and French thought. Univ. of Ill. press '56 p260-8

MILLA Y VIDAURRE, José (Salomé Gil, pseud) 1822-1882

Payne, Walter A. Central American historian. José Milla (1822-1882) (Latin Am. monograph ser, no2) Univ. of Fla. press '57 p73-7

MILLAY, Edna St Vincent, 1892-1950

Shafter, Toby. Edna St Vincent Millay; America's best loved poet (Feb. 22, 1892-Oct. 19, 1950) Messner '57 p186-8

MILLENNIUM

Boettner, Loraine. Millennium. Presbyterian & Reformed pub. co. '58 p377-8

Cohn, Norman. Pursuit of the Millennium. Essential bks. '57 p429-62 annot

MILLEPEDS

Chamberlin, Ralph Vary. and Hoffman, Richard L. Checklist of the millipeds of North America. (U.S. Nat. museum. Bul. 212) Smithsonian inst. '58 p 193-209

MILLER, George Abram, 1863-1951

Brahana, H. R. George Abram Miller, 1863-1951. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p278-312)

MILLER, Henry, 1891-

Perlès, Alfred. My friend Henry Miller; an intimate biography; with a pref. by Henry Miller. Day '56 p241-50

MILLIKAN, Robert Andrews, 1868-1953

Du Bridge, L. A. and Epstein, P. S. Robert Andrews Millikan. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p270-82)

MILLS and millwork

See also

Flour mills

MILTON, George Fort, 1894-1955

United States. Library of Congress. Manuscript division. George Fort Milton: a register of his papers in the Library. The division '58 7p

MILTON, John, 1608-1674

Fletcher, Harris Francis. Intellectual development of John Milton; v 1, The institution to 1625; from the beginnings through grammar school. Univ. of Ill. press '56 p432-48

MacCaffrey, Isabel Gamble. Paradise lost as myth. Harvard univ. press '59 p215-26

West, Robert Hunter. Milton and the angels. Univ. of Ga. press '55 p211-21

Whiting, George Wesley. Milton and this pendant world. Univ. of Tex. press '53 p243-54

MILWAUKEE**Harbor**

Hamming, Edward. Port of Milwaukee. (Augustana lib. pubs, no25) Denkmann memorial lib, Augustana college & theological seminar '53 p 154-61

History

Hamming, Edward. Port of Milwaukee. (Augustana lib. pubs, no25) Denkmann memorial lib, Augustana college & theological seminar '53 p 154-61

MIMICRY (biology)

Heikertinger, Franz. Das rätsel der mimikry und seine lösung; eine kritische darstellung des werdens, des wesens und der widerlegung der tiertrachthypothesen. G. Fischer '54 p201-8

Van Zandt Brower, J. Experimental studies of mimicry in some North American butterflies. *Evolution* 12:46-7 Mr '58

MIND and body

See also

Faith cure

Hypnotism

Mental hygiene

Psychoanalysis

Psychology. Pathological

Psychology. Physiological

Psychotherapy

MINE accidents

See also

Coal mines and mining—Accidents

Mine gases

Mine rescue work

MINE drainage

Ash, Simon Harry, and others. Surface-water seepage into anthracite mines in the Lackawanna basin, northern field, anthracite region of Pennsylvania. (U.S. Bur. of mines Bul. 518) U.S. Gov. ptg. office '52 p37

Moulton, Edward Quentin, ed. Acid mine-drainage problem in Ohio. (Bul. 166) Engineering experiment station, Ohio state univ. '57 p64-153 annot

Temple, Kenneth Loren, and Koehler, Walter Allos. Drainage from bituminous coal mines. (Research bul. no25) Engineering experiment station, W. Va. Univ. '54 p29-35

See also

Mine water

MINE equipment

See also

Coal mines and mining—Equipment

MINE examination

Baxter, Charles Homer, and Parks, Roland Dane. Examination and valuation of mineral property. Oil property valuation, by Walter L. Whitehead. Michigan mine appraisal system, by Franklin G. Pardee, 4th ed. by Roland D. Parks. Addison-Wesley '57 p466-98

See also

Mine valuation

MINE explosions

Great Britain. Committee on roadway conveyors. Report. National coal board '55 p3-9 (3d group)

Tideswell, F. V. Mine explosions; the current hazard. *Inst Min Eng Trans* 114:886-8 Jl '55

Titman, H. Review of experiments on the ignition of inflammable gases by frictional sparking. *Inst Min Eng Trans* 115:551-3 Ap '56

See also

Rock bursts

MINE gases

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Indikace důlních plynů. 1949-1955: seš. Jaroslav Rydl. (Pub. Ser2, no 178) The library '55 16p

See also

Fire damp

- MINE haulage**
Ash, S. H. Underground haulage in metal mines. Min Eng 8:925 S '56
- MINE lighting**
Roberts, Albert. Underground lighting in mines, shafts, and tunnels. Macmillan '53 incl bibliog
Statham, C. D. J. Underground lighting in coal mines. Inst Elec Eng Proc 103 PtA:406-7 Ag '56
- MINE machinery**
See also
Mine haulage
- MINE rescue work**
Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Záchranářství v dolech. 1949-1955: 77 záznamů; sest. Jaroslav Rýdl. (Pub. Ser2, no 181) The library '55 17p
- MINE shafts**
Reed, J. T. Mine-opening stabilization by stress redistribution. Colo Sch Mines Q 51: 95-7 J1 '56
- MINE surveying**
London. Science museum. Science library. Some references to mine surveying (books in English, and articles 1951-1956). (Bibliog. ser, no754) The library '57 4p
See also
Mining engineering
- MINE valuation**
Baxter, Charles Homer, and Parks, Roland Dane. Examination and valuation of mineral property. Oil property valuation, by Walter L. Whitehead. Michigan mine appraisal system, by Franklin G. Pardee. 4th ed. by Roland D. Parks. Addison-Wesley '57 p466-98
- MINE water**
Ash, Simon Harry, and others. Corrosive and erosive effects of acid mine waters on metals and alloys for mine pumping equipment and drainage facilities; anthracite region of Pennsylvania. (U.S. Bur. of mines. Bul. 555) U.S. Gov. ptg. office '55 p44-6
- MINERAL aggregates**
National research council. Highway research board. Mineral aggregates: 1958 revision [comp. by J. F. McLaughlin] The board '58 111p annot
- MINERAL industries**
Association des ingénieurs de la Faculté polytechnique de Mons. Publications: catalogue des pubs. de 1853 à 1952. The association '53? 59p
Hutnická literatura, 1945/52[1955] Státní vědecká knihovna v Ostravě '53-'56 4v
Schilling, Constance F. and Schilling, John Harold. Bibliography of New Mexico geology and mineral technology, 1951-1955. (Bul. 52) N.Mex. State bur. of mines & mineral resources '56 136p
United States. Superintendent of documents. Mines. (Price list 58, 44th ed) U.S. Gov. ptg. office '59 21p
Vila, Tomás. Recursos minerales no-metálicos de Chile. 3d ed rev Editorial universitaria '53 p418-27
Werner, Antony Boris Tracy. New England beryl mining industry. (Research rep, no5) Federal reserve bank of Boston '59 p377-98
- MINERALOGICAL chemistry**
Kleerekoper, Herman. Une étude limnologique de la chimie de sédiments de fond des lacs de l'Ontario méridional, Canada. Uitgeverij Excelsior '57 p 175-205
- MINERALOGY**
Aldrich, L. T. and others. Radioactive ages of micas from granitic rocks by Rb-Sr and K-Ar methods. Am Geophys Union Trans 39:1133-4 D '53
Bates, T. F. Morphology and crystal chemistry of 1:1 layer lattice silicates. Am Min 44: 112-14 Ja '59
Burst, J. F. Glauconite pellets: their mineral nature and applications to stratigraphic interpretations. Am Assn Pet Geol Bul 42: 325-7 F '58
French bibliographical digest; no 13 (ser2) Science: crystallography — mineralogy. French cultural services of New York '55 102p annot
Friedman, G. M. Identification of carbonate minerals by staining methods. J Sed Petrol 29:96-7 Mr '59
Handin, J. Experimental deformation of rocks and minerals. Colo Sch Mines Q 52:97-8 J1 '57
Kerr, Paul Francis. Optical mineralogy. 3d ed McGraw '59 incl bibliog
Mineralogical abstracts; sup. to Mineralogical magazine. Oxford. See numbers
- Pearl, Richard Maxwell. 1001 questions answered about the mineral kingdom. Dodd '59 p303-5
Pough, Frederick Harvey. Field guide to rocks and minerals. 2d ed (Peterson field guide ser) Houghton '55 p339-40 annot
Ramdohr, Paul. Die erzminerale und ihre verwachungen. Akademie-verlag '55 p827-48
Roedder, E. Technique for the extraction and partial chemical analysis of fluid-filled inclusions from minerals. Econ Geol 53: 267-9 My '53
Tuttle, O. F. and Smith, J. V. Nepheline-kalsilite system: phase relations. Am J Sci 256:588-9 O '58
Van Andel, T. H. Reflections on the interpretation of heavy mineral analyses. J Sed Petrol 29:162-3 Je '59
Van der Marel, H. W. Quantitative differential thermal analyses of clay and other minerals. Am Min 41:240-4 Mr '56
Wahlstrom, Ernest Eugene. Petrographic mineralogy. Wiley '55 incl bibliog
See also
Crystallography
Meteorites
Petrology
Precious stones
Rocks
- MINERALS**
Carroll, D. Ion exchange in clays and other minerals. Geol Soc Am Bul 70:773-9 Je '59
Holland, H. D. Chemical composition of vein minerals and the nature of ore forming fluids. Econ Geol 51:796-7 D '56
Keller, W. D. Clay minerals as influenced by environments of their formation. Am Assn Pet Geol Bul 40:2708-10 N '56
Moorhouse, W. W. Paragenesis of accessory minerals. Econ Geol 51:261-2 My '56
United States. Bureau of mines. Mineral facts and problems. (Bul. 556) U.S. Gov. ptg. office '56 incl bibliog
See also
Bacteria. Effect of minerals on
Fungi. Effect of minerals on
Plants. Effect of minerals on
- MINERALS (food)**
Bentley, O. G. and others. Effect of trace minerals on growth performance and vitamin B₁₂ synthesis of steers. J Animal Sci 13:800-1 N '54
Thompson, A. and others. Influence of aluminum and zinc upon the absorption and retention of calcium and phosphorus in lambs. J Animal Sci 18:196-7 F '59
Whiting, F. and Bezeau, L. M. Calcium, phosphorus, and zinc balance in pigs as influenced by the weight of pig and the level of calcium, zinc, and vitamin D in the ration. Can J Animal Sci 38:116-17 D '58
Williams, D. E. and others. Influence of mineral intake on bone density in humans and in rats. J Nutrition 61:504-5 Ap '57
See also
Flour. Enriched
- MINERALS in the body**
Marshak, R. R. Some metabolic derangements associated with magnesium metabolism in cattle. Am Vet Med Assn J 133:541-2 D 1 '58
Schofield, F. A. and others. Utilization of calcium, phosphorus, riboflavin and nitrogen on restricted and supplemented diets. J Nutrition 59:575-7 Ag '56
See also
Calcium in the body
Iron in the body
Strontium in the body
Zinc in the body
- MINERS**
See also
Coal miners
- MINES and mineral resources**
Bowen, Oliver E. Geology and mineral deposits of Barstow quadrangle, San Bernardino county, California; and Thermal properties of ceramic materials from Barstow quadrangle, California, by Joseph A. Pask and Oliver E. Bowen. (Bul. 165) Calif. Div. of mines '54 p 183-5, 199
Friedensburg, Ferdinand. Die bergwirtschaft der erde; bodenschätze, bergbau und mineralienversorgung der einzelnen länder. 5th rev ed Enke '56 incl bibliog
Friedman, Gerald M. Origin of spinel-emery deposits with particular reference to those of the Cortlandt complex, New York. (N.Y. State museum. Bul. no351) N.Y. State univ. '56 p65-8

MINES and mineral resources—*Continued*

- Hartman, H. L. Bibliography of theses on mining in the U.S. institutions. *Colo Sch Mines Q* 51:5-70 Ap '56
- Mineralogical abstracts; sup. to Mineralogical magazine. Oxford. See numbers
- Prague. Ústřední technická knihovna. Geologický průzkum. The library '54 lv
- United States. Geological survey. Contributions to bibliography of mineral resources. 1955-1959. (Bul. 1019) U.S. Gov. ptg. office '59 1046p
- See also
- Coal mines and mining
- Copper mines and mining
- Mining geology
- Mining industry and finance
- Ore deposits
- Prospecting
- Raw materials
- Salt mines and mining
- Africa
- Krenkel, Erich. Geologie und bodenschätze Afrikas. 2d rev ed Geest & Portig '57 p573-97
- Alabama
- Lloyd, S. J. and Toffel, G. M. Physical resources for the chemical industry, Alabama. *Ind & Eng Chem* 47:2339-40 N '55
- Alaska
- Joesting, H. R. Geophysical exploration in Alaska. *Arctic* 7 no 3:174-5 '54
- Arizona
- Kiersch, George A. Mineral resources, Navajo-Hopi Indian reservations, Arizona-Utah; geology, evaluation, and uses; with secs. by S. C. Brown [and others] Univ. of Ariz. press '55-'56 3v incl bibliog
- Bavaria
- Strunz, Hugo. Mineralien und lagerstätten in Ostbayern. Bosse '53 incl bibliog
- Brazil
- Leonardos, Othon Henry. Carbonatitos com apatita e pirocloro. (Avulso no80) Brazil. Div. de fomento da produção mineral '56 p28
- British Columbia
- Aho, A. E. Geology and genesis of ultrabasic nickel-copper-pyrrhotite deposits at the Pacific nickel property, southwestern British Columbia. *Econ Geol* 51:480-1 Ag '56
- California
- California. Division of mines. Mineral commodities of California; geologic occurrence, economic development, and utilization of the State's mineral resources; prepared under the direction of Olaf P. Jenkins; ed. by Lauren A. Wright. (Bul. 176) The division '57 incl bibliog
- Clark, Lorin D. Geology and mineral deposits of the Calaveritas quadrangle, Calaveras county, California. (Special rep. 40) Calif. Div. of mines '54 p21-3
- Murdoch, Joseph, and Webb, Robert Wallace. Minerals of California. (Bul. 173) Calif. Div. of mines '56 p362-452
- California, Lower
- Wilson, Ivan Franklin, and Rocha, Victor S. Geology and mineral deposits of the Boleo copper district, Baja California, Mexico. (U.S. Geological survey. Professional paper 273) U.S. Gov. ptg. office '55 p 128-32
- Same; with title: Geología y depósitos minerales del distrito cuprífero del Boleo, Baja California. México: en colaboración con Victor S. Rocha; con una sección sobre el Contenido de cobre de las rocas por Michael Fleischer [et al] (Bol. no41) Inst. nacional para la investigación de recursos minerales '57 p375-91
- Canada
- Graves, H. A. Decade of progress in Canadian mining (1945-1954) *Inst Min & Met Trans* 64:372-3; 65:144-5 '54/'55-'55/'56
- Chile
- Vila, Tomás. Recursos minerales no-metálicos de Chile. 3d ed rev Editorial universitaria '53 p418-27
- Colorado
- Eberhart, Perry. Guide to the Colorado ghost towns and mining camps. Sage '59 p469-70
- González Bonorino, F. Hydrothermal alteration in the Front Range mineral belt, Colorado. *Geol Soc Am Bul* 70:88-9 Ja '59
- Heinrich, E. W. Pegmatite provinces of Colorado. *Colo Sch Mines Q* 52:21-2 O '57
- Heinrich, E. W. and Bever, J. E. Occurrences of sillimanite-group minerals in Park and Fremont counties, Colorado. *Colo Sch Mines Q* 52:54-5 O '57
- Congo, Belgian
- Centre d'information et de documentation du Congo belge et du Ruanda-Urundi. L'exploitation des richesses minières du Congo belge et du Ruanda-Urundi. (Pour connaître le Congo, no2) The center '55 p 157-60
- Cuba
- Hill, P. A. Banded pyrite deposits of Minas Carlotia, Cuba. *Econ Geol* 53:999-1002 D '58
- England
- Dines, Henry George. Metalliferous mining region of south-west England. (Gt. Brit. Geological survey. Memoirs: England and Wales) H.M.S.O. '56 incl bibliog
- Jones, A. A. Underground mining in the Frodingham ironstone. *Inst Min & Met Trans* 65:271-2 '55/'56
- Finland
- Aurola, Erkki, ed. Mines and quarries of Finland. (Geoteknillisiä julkaisuja, no 55) Finland. Geologinen tutkimuslaitos '54 incl bibliog
- Florida
- Calver, James Lewis. Mining and mineral resources. (Geological bul. no39) Fla. Geological survey '57 p96-101
- Formosa
- Ho, Ch'un-sun. Mineral resources of Taiwan. Geological survey of Taiwan '53 p293-302
- Germany
- Kraume, Emil, and others. Die erzlager des Rammelsberges bei Goslar. (Geologisches Jahrbuch. Beihefte, no 18; Monographien der deutschen blei-zink-erz-lagerstätten, 4) Amt für bodenforschung '55 p358-71
- Greenland
- Wager, L. R. and others. Sulphides in the Skaergaard intrusion, East Greenland. *Econ Geol* 52:893-5, 903 D '57
- Gulf Coast region
- Feely, H. W. and Kulp, J. L. Origin of Gulf Coast salt-dome sulphur deposits. *Am Assn Pet Geol Bul* 41:1852-3 Ag '57
- Idaho
- Ross, Clyde Polhemus, and Forrester, James Donald. Outline of the geology of Idaho. (Bul. no 15) Idaho. Bur. of mines & geology '58 p61-4
- India
- Brown, John Coggin, and Dey, A. K. India's mineral wealth; a guide to the occurrences and economics of the useful minerals of India, Pakistan and Burma. 3d ed Oxford '55 p707-27
- Kentucky
- Miles, P. M. and Taylor, J. H. Physical resources, Kentucky. *Ind & Eng Chem* 47: 2345-6 N '55
- Williams, James Steele, and others. Fluorspar deposits in western Kentucky. (U.S. Geological survey. Bul. 1012) U.S. Gov. ptg. office '54-'55 3pts incl bibliog
- Latin America
- Bargalló, Modesto. La minería y la metalurgia en la América Española durante la época colonial; con un apéndice sobre la industria del hierro en México desde la iniciación de la independencia hasta el presente. (Sección de obras de economía) Fondo de cultura económica '55 p367-401
- Manchuria
- Nishihara, H. Origin of the bedded magnesite deposits of Manchuria. *Econ Geol* 51:709-11 N '56

MINES and mineral resources—Continued

Mexico

- Koch, G. S. Frisco mine, Chihuahua, Mexico. Econ Geol 51:39-40 Ja '56
- Scott, J. B. Structure of the ore deposits at Santa Barbara, Chihuahua, Mexico. Econ Geol 53:1037 D '58

Netherlands

- Nederlandsch geologisch mijnbouwkundig genootschap. Geologische geschiedenis van Nederland; toelichting bij de geologische overzichtskaart van Nederland op de schaal 1:200 000, door H. D. M. Burck [et al onder redactie van A. J. Pannekoek. Staatsdrukkerij- en uitgeverijbedrijf '56 incl bibliog
- Same; with title: Geological history of the Netherlands; explanation to the general geological map of the Netherlands on the scale of 1:200,000, by H. D. M. Burck [and others] ed. by A. J. Pannekoek. Staatsdrukkerij- en uitgeverijbedrijf '56 incl bibliog

New England

- Cameron, Eugene Nathan, and others. Pegmatite investigations, 1942-45, New England. (U.S. Geological survey. Professional paper 255) U.S. Gov. ptg. office '54 p341-7

New Hampshire

- New Hampshire. State planning and development commission. Geology of New Hampshire. The commission '51-'56 3v v 1, p77; v2, p 156-66; v3, p87-105

New Mexico

- Burks, Marian R. and Schilling, John Harold. Bibliography of New Mexico geology and mineral technology through 1950. (N.Mex. Bur. of mines and mineral resources. Bul. 43) N.Mex. Inst. of mining & technology '55 198p
- Schilling, Constance F. and Schilling, John Harold. Bibliography of New Mexico geology and mineral technology, 1951-1955. (Bul. 52) N.Mex. State bur. of mines & mineral resources '56 136p

New York (state)

- Prucha, John James. Pyrite deposits of St Lawrence and Jefferson counties, New York. (N.Y. state museum. Bul. no357) Univ of the state of N.Y. '57 p86-7

New Zealand

- Hutton, C. D. Contributions to the mineralogy of New Zealand. Roy Soc N Z Trans 84:802-3 Ag '57
- Reed, J. J. Granites and mineralization in New Zealand. N Z J Geol & Geophys 1:62-4 F '58

Newfoundland

- Canada. Industrial minerals division. Industrial minerals of Newfoundland, by G. F. Carr. Mines branch, Dept. of mines & technical surveys '58 incl bibliog

North Dakota

- Budge, Chrissie E. Mineral resources of North Dakota. (Bul. no8) N.D. research foundation '54 incl bibliog
- Hainer, John L. Geology of North Dakota. (Bul. 31) N.D. Geological survey '56 p44-6

Nyasaland

- Cooper, William Gerald Groves. Geology and mineral resources of Nyasaland. rev ed (Nyasaland. Geological survey. Bul. no6) Gov. printer '57 p25-31

Ontario

- Friedman, G. M. Samreid Lake sulfide deposit, Ontario, an example of a pyrrhotite-pyrite iron formation. Econ Geol 54:283-4 Mr '59
- Ontario. Department of mines. Mining divisions in Ontario. Johnston '56 71p

Philippine Islands

- Teves, Juan S. Bibliography of Philippine geology, mining and mineral resources; presented at the eighth Pacific science congress, Manila, November 16-28, 1953. (Philippines (Republic). Bur. of mines. Bibliog. ser. no 1) Bur. of ptg. '53 155p

Ruanda-Urundi

- Centre d'information et de documentation du Congo belge et du Ruanda-Urundi. L'exploitation des richesses minières du Congo belge et du Ruanda-Urundi. (Pour connaître le Congo, no2) The center '55 p 157-60

Ruhr valley

- Koch, Max Jürgen. Die bergarbeiterbewegung im Ruhrgebiet zur zeit Wilhelms II, 1889-1914; hrsg. von der Kommission für geschichte des parlamentarismus und der politischen parteien in Bonn. (Beiträge zur geschichte des parlamentarismus und der politischen partelen, no5) Droste-verlag '54 p 151-6

South Africa

- S. James Shand memorial volume. Stellenbosch' Univ Ann secA 33:1-574 '57 incl bibliog

Southwest

- Allen, V. T. and Fahey, J. J. Some pyroxenes associated with pyrometasmatic zinc deposits in Mexico and New Mexico. Geol Soc Am Bul 68:895 J1 '57

Spain

- Spain. Instituto geológico y minero. Catálogo de las publicaciones del Instituto. Coullaut '56 326p

Texas

- King, Philip Burke, and Flawn, Peter Tyrell. Geology and mineral deposits of pre-Cambrian rocks of the Van Horn area, Texas; prepared in co-operation with the U.S. Geological survey. (Pub. no5301) Univ. of Tex. '53 p 174-6

Tunisia

- Sainfeld, P. Lead-zinc-bearing deposits of Tunisia. Econ Geol 51:176-7 Mr '56
- Tunis. Service géologique. Catalogue des publications. Imp. La Rapide '54 12p

United States

- Davis, Robert Ellis. Magnesium resources of the United States—a geologic summary and annotated bibliography to 1953; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-E) U.S. Gov. ptg. office '57 373-515p
- Lang, Walter Barnes. Annotated bibliography and index map of salt deposits in the United States; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-J) U.S. Gov. ptg. office '57 p715-53
- Moulton, E. Q. Acid mine-drainage problem in Ohio. (Bul. 166) Ohio. Engineering experiment station '57 p64-153
- Riley, Charles Marshall. Our mineral resources; an elementary textbook in economic geology. Wiley '59 incl bibliog
- United States. Superintendent of documents. Mines. (Price list 58, 44th ed) U.S. Gov. ptg. office '59 21p

Utah

- Kerr, Paul Francis, and others. Marysvale, Utah, uranium area; geology, volcanic relations, and hydrothermal alteration. Special paper 64) Geol. soc. of Am. '57 p 199-203
- Kiersch, George A. Mineral resources, Navajo-Hopi Indian reservations, Arizona-Utah; geology, evaluation, and uses; with secs. by S. C. Brown [and others] Univ. of Ariz. press '55-'56 3v incl bibliog

Virginia

- Dietrich, Richard Vincent. Virginia minerals and rocks. 2d ed (Bul. v61, no 4; Engineering experiment station ser, no 122) Va. Polytechnic inst. '53 p49-50
- Virginia. Division of mineral resources. List of publications and maps. The division '58 38p

Washington (state)

- Campbell, C. D. Washington geology and resources. Res Stud St Coll Wash 21:152-3 Je '53

MINES and mineral resources—Continued

West

Beatty, W. B. and Langan, Lee. Sources of information on geology and mining in the Western states. School of mineral sciences, Stanford univ. '57 52p

MINIATURE editions. See Bibliography—Microscopic and miniature editions

MINIATURE painting

History

Scuricini Greco, Maria Luisa. Miniature riccardiane. (Contributi alla Biblioteca bibliog. italiana, 17) Sansoni '58 p 16-31

MINIMUM wage. See Wages—Minimum wage

MINING, Electric. See Electricity in mining

MINING engineering

Association des ingénieurs de la Faculté polytechnique de Mons. Publications; catalogue des pubs. de 1853 à 1952. The association '53? 59p

Caudle, Rodney Duane, and Clark, George Bromley. Stresses around mine openings in some simple geologic structures. (Bul. v52, no69; Engineering experiment station. Bul. no430) Univ. of Ill. '55 p42

Czechoslovak Republic. Ministerstvo hutního průmyslu a rudných dolů. Československá literatura o rudném hornictví; sest. František Pokorný; přepsala M. Labohá. (Výběrový seznam literatury, no9) The ministry '54 48p

Czechoslovak Republic. Ministerstvo hutního průmyslu a rudných dolů. Úkoly bibliografie hutnické a hornické literatury; sborník referátů z porady konané 24. až 26. 6. 1954 v Bratislavě. (Pub. v85) The ministry '54 93p

Graduate studies and research in mineral engineering, 1956-1959. Trend Eng 11:5-7+ Ap '59

Hartman, H. L. Bibliography of theses on mining in U.S. institutions. Colo Sch Mines Q 51:1-70 Ap '56 annot

Jernkontorets litteraturöversikt. Almqvist. See numbers

Linda Hall library, Kansas City, Missouri. Mining and metallurgy; a list of bks, periodicals and docs; comp. by E. H. Mueller. (Bibliog. bul. no 11) The library '55 64p

London. Science museum. Science library. Some references to rock pressure in mining, 1947-1956. (Bibliog. ser, no755) The library '57 3p

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Elektrická výstroj dolů nebezpečných důlními plyny, 1948-1955; sest. Jaroslav Rydl. (Pub. Ser2, no 177) The library '55 13p

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Vliv poddolování na povrchové stavby; výběrový seznam českých i cizojazyčných publikací a časopiseckých článků; sest. Jaroslav Rydl a Otakar Entler. 2d enl & rev ed (Příručka, no35) The library '53 23p

Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Výběrové zprávy o novinkách v zahraniční časopisecké literatuře z oboru hornictví; příspěvek pro řešení úkolů Vědecko-technické spol. Ostravskokarvinského revíru vypracovaný kolektivem odborných spolupracovníků Státní vědecké knihovny v Ostravě. (Příručka, ser2, no 151) The library '55 40p

Yugoslavia. Savet za energetiku i ekstraktivnu industriju. Katalog knjiga i časopisa. The council '50 38p

See also

Electricity in mining
Mine shafts
Mine surveying
Strip mining

Safety measures

Gleim, E. J. International cooperation in reducing mine hazards. (Information circ. 7739) U.S. Bur. of mines '56 p 13-15

Great Britain. Safety in mines research establishment. S. M. R. E. bibliography 1921-1952; comp. by R. A. Dale. The establishment '53 138p

MINING geology

Agnew, A. F. Application of geology to the discovery of zinc-lead ore in the Wisconsin-Illinois-Iowa district. Min Eng 7:795 Ag '55

MINING industry and finance

Friedensburg, Ferdinand. Die bergwirtschaft der erde; bodenschätze, bergbau und mineralienversorgung der einzelnen länder. 5th rev ed Enke '56 incl bibliog

MINING research

Symposium on mining research. Third annual symposium, November 14 and 15, 1957 at University of Missouri. School of mines and metallurgy, Rolla, Missouri. (Bul. Technical ser, 1958, no95) Univ. of Mo. '58 p82-4, 121-2, 149

MINISTERS of the gospel. See Clergy

MINNESINGERS

Thomas, H. Die jüngere deutsche minnesangforschung. Wirkendes Wort 7:269-86 Je '57

MINNESOTA

History

Lindquist, Maude Lucille, and Clark, James Westfall. Minnesota; the story of a great state. Scribner '57 incl bibliog

MINNESOTA multiphasic personality inventory Benkó, Antoine, and Nuttin, Jozef. Examen de la personnalité chez les candidats à la prétrise; adaptation du test de personnalité M.M.P.I. (Studia psychologica) Pubs. univs. de Louvain '56 p 110-16

Booth, E. G. Personality traits of athletes as measured by the MMPI. Res Q 29:137-8 My '58

Dana, R. H. MMPI performance and electroshock treatment. J Clin Psychol 13:354-5 O '57

Drake, Lewis Ethelbert, and Oetting, Erich Richard. MMPI codebook for counselors. Univ. of Minn. press '59 p 139-40

Welsh, George Schlager, and Dahlstrom, W. Grant, eds. Basic readings on the MMPI in psychology and medicine. Univ. of Minn. press '56 p619-47

MINOAN inscriptions. See Inscriptions, Minoan

MINORITIES

Simpson, George Eaton, and Yinger, John Milton. Racial and cultural minorities: an analysis of prejudice and discrimination. rev ed (Harper's social science ser) Harper '58 p817-57

Thompson, Virginia McLean, and Adloff, Richard. Minority problems in southeast Asia. Stanford univ. press '55 p287-9

Wagley, Charles, and Harris, Marvin. Minorities in the New World; six case studies. Columbia univ. press '58 p297-304

MIQUEL Y PLANAS, Ramón, 1874-

Calmell, J. R. Bibliografía de Ramón Miquel y Planas. (In Homenaje a la memoria del ilustrísimo señor D. Ramón Miquel y Planas. Asociación de bibliófilos de Barcelona; Real acad. catalana de bellas artes de San Jorge; Gremio sindical de maestros impresores de Barcelona '52 p99-114)

MIRA FERNANDES, Aureliano Lopes de, 1884-1958

Professor Mira Fernandes. Portugal 3:171-6 My '58

MIRACLE, morality and mystery plays

Craig, Hardin. English religious drama of the middle ages. Oxford '55 p390-401

Ingram, R. W. Use of music in English miracle plays. Anglia 75 no1:74-6 '57

Spivack, Bernard. Shakespeare and the allegory of the evil; the history of a metaphor in relation to his major villains. Columbia univ. press '58 p483-93 annot

MIRACLES

Aradi, Zsolt. Book of miracles. Farrar, Straus '56 p303-9

Tonquédec, Joseph de. Miracles; tr. by Frank M. Oppenheim. (West Baden readings in philosophy and theology) West Baden college '55 p95-116

See also

Shrines

MIRANDA, Francisco de, 1750-1816

Academia nacional de la historia, Caracas. Biblioteca. Catálogos de las bibliotecas bolivariana y miradina de la misma institución; trabajos efectuados por Erasmo Colina (and others) Impr. nacional '57 146p

Thorning, Joseph Francis. Miranda: world citizen; introd. by Galo Plaza; foreword by Sumner Welles. Univ. of Fla. press '52 p313-16

MIRÓ, Joan, 1893-

Prévert, Jacques and Ribemont-Dessaignes, Georges. Joan Miró. Maeght '56 p217-19

Soby, James Thrall. Joan Miró. Museum of modern art '59 p 153-61

MIRRORS

Sonnefeld, August. Die hohlspiegel. 2d rev ed Verlag Technik '57 p 193-200

MISCH, Georg, 1878-

Weniger, E. Sämtliche veröfentlichungen von Georg Misch. Archiv Philos 8:172-7 Je '58

MISES, Ludwig von. See Von Mises, L.

MISES, Richard von, 1883-1953

Studies in mathematics and mechanics, presented to Richard von Mises by friends, colleagues, and pupils. Academic press '54 p4-13

MISHKIN, Bernard, 1913-1954

Wagley, C. Bernard Mishkin, 1913-1954. Am Anthropol 57:1034-5 O '55

MISHLE Sendabar. Hebrew. See Sindbād, the philosopher

MISSILES, Guided. See Guided missiles

MISSIONARIES

Bach, Thomas John. Pioneer missionaries for Christ and his church. Van Kampen '55 p 110-11

Rooney, E. M. Road of books to the priesthood. Cath Lib World 27:212-4 F '56 annot

MISSIONS

Anderson, Gerald H. Bibliography of the theology of missions in the twentieth century. Missionary research lib. '58 38p annot

International missionary bibliography. See numbers of International review of missions Jeremias, Joachim. Jesus' promise to the nations; the Franz Delitzsch lectures for 1953 [tr. by S. H. Hooker] (Studies in biblical theology, no24) Allenson '58 p76-9

Myklebust, Olav Guttorm. Study of missions in theological education; an historical inquiry into the place of world evangelisation in western Protestant ministerial training; with particular reference to Alexander Duff's chair of evangelistic theology; v 1. To 1910. (Avhandlingar, 6) Egede-institutet '55 p393-444

See also

Baptists—Missions
Catholic church—Missions
Evangelistic work
Indians of Central America—Missions
Indians of North America—Missions
Jesuits—Missions
Protestant churches—Missions
Salvation army

Africa, West

Wiltgen, Ralph M. Gold Coast mission history, 1471-1880. Divine world pubs. '56 p 157-64

California

See also
Spanish missions of California

China

Cary-Elwes, Columbia. China and the cross; a survey of missionary history. Kenedy '57 p297-308

Cronin, Vincent. Wise man from the West. Dutton '55 p288-90

Ride, Lindsay. Robert Morrison, the scholar and the man; and Illustrated catalogue of the exhibition held at the Univ. of Hong Kong, Sept. 4th to 18th 1957 to commemorate the 150th anniversary of Robert Morrison's arrival in China. Hong Kong univ. press '57 p41-4, p 1-9 (at end)

India

Correia-Afonso, John. Jesuit letters and Indian history; a study of the nature and development of the Jesuit letters from India (1542-1773) and of their value for Indian historiography; with a pref. by Georg Schurhammer. (Studies in Indian history, no20) Indian historical research inst. St Xavier's college '55 p xiii-xxv

Cronin, Vincent. Pearl to India; the life of Roberto de Nobili. Dutton '59 p271-5

Ingham, Kenneth. Reformers in India, 1793-1833; an account of the work of Christian missionaries on behalf of social reform. Cambridge '56 p 137-46 annot

Japan

Thomas, Winburn T. Protestant beginnings in Japan, the first three decades, 1859-1889. Tuttle '59 p241-7

Mexico

Bannon, John Francis. Mission frontier in Sonora, 1620-1687; ed. by James A. Reynolds. (Monograph ser, 26) U.S. Catholic historical soc. '55 p 147-53

Southwest

McCloskey, Michael Brendan. Formative years of the Missionary college of Santa Cruz of Querétaro, 1683-1733. (Pubs. Monograph, ser, v2) Acad. of Am. Franciscan history '55 p 114-18

MISSISSIPPI

Bettersworth, John Knox. Mississippi theses, 1928-1952; a checklist of graduate theses dealing with Mississippi done at state insts. of higher learning. (Bibliog. ser, no 1) Social science research center, Miss. state college '53 19p

Mississippi research clearing house. Annual inventory of research in Mississippi, 1[-4] The clearing house '51-'54 4v

MISSISSIPPI river

Samuel, Ray, and others. Tales of the Mississippi. Hastings house '55 p236-7

Schoolcraft, Henry Rowe. Expedition to Lake Itasca; the discovery of the source of the Mississippi; ed. by Philip F. Mason. Mich. state univ. press '59 p370-3

Scruton, P. C. Oceanography of Mississippi Delta sedimentary environments. Am Assn Pet Geol Bul 40:2950-2 D '56

Wellman, Manly Wade. Fastest on the river; the great race between the Natchez and the Robert E. Lee. Holt '57 p219-24 annot

Description and travel

McDermott, John Francis. Lost panoramas of the Mississippi. Univ. of Chicago press '58 p 197-204

MISSOURI

History

Collins, Earl Augustus, and Snider, Felix Eugene. Missouri, midland state; a history. Webster '55 incl bibliog

Missouri history not found in textbooks. See numbers of Missouri historical review

MISSOURI compromise

Moore, Clover. Missouri controversy, 1819-1821. Univ. of Ky. press '53 p353-75

MISSOURI valley

Ridgeway, Marian Elizabeth. Missouri basin's Pick-Sloan plan; a case study on congressional policy determination. (Ill. studies in the social sciences, v35) Univ. of Ill. press '55 p345-59

MISTAKES. See Errors

MISTLETOE

Kuljt, J. Dwarf mistletoes. Bot R 21:615-19 D '55

MITCHELL, James Leslie (Lewis Grassie Gibbon, pseud) 1901-1935

Wagner, G. James Leslie Mitchell/Lewis Grassie Gibbon; a chronological checklist of his writings. Bibliotheca 1:7-20 Autumn '56

MITCHELL, Silas Weir, 1829-1914

Bailey, P. Silas Weir Mitchell. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p341-53)

MITES

Anderson, N. H. and Morgan, C. V. G. Life-histories and habits of the clover mite, bryobia praetiosa Koch, and the brown mite, E. arboreae M. & A. in British Columbia. (acarina: tetranychidae) Can Entom 90:40-2 Ja '58

Baker, Edward William, and others. Manual of parasitic mites of medical or economic importance. Nat. pest control assn. '56 incl bibliog

Camin, Joseph H. and Gorirossi, Flora E. Revision of the suborder mesostigmata (acarina) based on new interpretations of comparative morphological data. (Special pub. no 11) Chicago acad. of sciences '55 p66-8

Farrier, Maurice H. Revision of the veigalidae (acarina). (Technical bul. no 124) Agricultural experiment station, N.C. state college '57 p96-101

Gould, Douglas Jay. Larval trombiculid mites of California. (acarina: trombiculidae) (Calif. Univ. Pubs. in entomology, v 11, no 1) Univ. of Calif. press '56 p79-86

Hueck, Hendrik Jacobus. Population-dynamics of the fruit tree red spider (metatetranychus ulmi Koch 1836, acari, tetranychidae) with special reference to the influence of DDT. De Jong '53 p 116-30

MITES—Continued

- Pritchard, Arthur Earl, and Baker, Edward William. False spider mites (acarina: tenuipalpidae) (Calif. Univ. Pubs. in entomology, v 14, no 3) Calif. univ. press '58 p263-6
- Ryke, P. A. J. and Meyer, M. K. P. Spider mites and false spider mites with notes on South African species and the basic concepts regarding their biological control. So African J Ag Sci 1:371-3 D '58
- Sweatman, G. K. Life history, non-specificity, and revision of the genus choriopetes, a parasitic mite of herbivores. Can J Zool 35:688-9 D '57
- Sweatman, G. K. On the life history and validity of the species in psoroptes, a genus of mange mites. Can J Zool 36:928-9 D '58
- Traub, Robert, and Morrow, Mary Lou. Revision of the chiggers of the subgenus gahrlepiea (acarina: trombiculidae) (Smithsonian misc. colls, v 128, no 6) Smithsonian inst. '55 p88-9

See also

- Chiggers (mites)
Cyclamen mites
Water mites

MITHRAISM

- Vermaseren, Maarten Jozef. Corpus inscriptionum et monumentorum religionis Mithraeae. Nijhoff '56 p 1-42

See also

- Zoroastrianism
MITOCHONDRIA

- Avron, M. and Biale, J. B. Metabolic processes in cytoplasmic particles of the avocado fruit. Plant Physiol 32:104-5 Mr '57
- Bonner, B. A. and Machlis, L. Respiration of the mycelia and mitochondria of the filamentous watermold, allomyces macrogynus. Plant Physiol 32:300-1 Jl '57
- McGivern, Sister M. J. Mitochondria and plastids in sieve-tube cells. Am J Bot 44: 48 Ja '57
- Society for experimental biology (Gt. Brit). Mitochondria and other cytoplasmic inclusions; pub. for the Company of biologists on behalf of the Society. (Symposia, no 10) Academic press '57 incl bibliog
- Sorokin, H. P. Mitochondria and spherosomes in the living epidermal cell. Am J Bot 42: 231 Mr '55
- Sorokin, H. P. and Sorokin, S. Staining of mitochondria with neotetrazolium chloride. Am J Bot 43:189-90 Mr '56
- Young, L. C. T. and Conn, E. C. Reduction and oxidation of glutathione by plant mitochondria. Plant Physiol 31:210-11 My '56

MITOGENETIC rays

See also

- Cell division (biology)
MITOSIS. See Karyokinesis

MITSCHERLICH, Eilhard Alfred, 1874-1956

- Sauerlandt, W. Eilhard Alfred Mitscherlich —ein forschersleben für die landwirtschaft. Landw Forsch 9 no2:86-9 '56

MITTELS, Heinrich, 1889-1952

- Mittels, Heinrich. Die rechtsidee in der geschichte; gesammelte abh. und vorträge [bibliog. by J. Hemmerle] Böhlau '57 p724-31

MITZKA, Walther, 1888-

- Schumacher, T. Bibliographie Walther Mitzka, 1912-1957. Z Mundartforsch 26:1-12 F '58

MIXING machinery

- Rushton, J. H. Mixing. Ind & Eng Chem 47: 585; 48:555; 49:533; 50:480; 51:394 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

MOAS

- Duff, Roger. Moa-hunter period of Maori culture; with a foreword by H. D. Skinner. 2d ed (Canterbury museum bul, no 1) Owen '56 p387-97

MOBILE, Alabama

- Bell, Robert E. Bibliography of Mobile, Alabama. (Ala. Univ. Studies, no 11) Univ. of Ala. press '56 p96p

MOBILITY, Occupational. See Occupational mobility**MÖBIUS, Martin, 1859-1946**

- Kuester, E. Martin Möbius, 1859-1946; schriftverzeichniss. Deutsch Bot Ges Berichte 68a:1-8 D '55

MOCHNACKI, Maurycy, 1803?-1834

- Schroeder, Hildegard. Studien über Maurycy Mochnecki, mit besonderer berücksichtigung des deutschen einflusses. (Berlin. Freie univ. Ost-Europa-inst. Veröffentlichungen der Abt. für slavische sprachen und literaturen (Slavisches seminar) v 1) Harrassowitz '53 p 191-3

MODENA, Gustavo, 1803-1861

- Modena, Gustavo. Scritti e discorsi, 1831-1860; a cura di Terenzio Grandi. (Biblioteca scientifica. Ser. 2: Fonti, v39) Istituto per la storia del risorgimento italiano '57 p339-52

MODERN music. See Music—History and criticism—20th century**MODERNISM (art)**

- Art since 1945 [by] Marcel Brion [and others] Abrams '59? p349
- Baur, John Ireland Howe, Charles Burchfield; pub. of the Whitney museum of Am. art. Macmillan '56 p82-5
- Berkelaers, Ferdinand Louis. Knaurs lexikon abstrakter malerei, mit einer ausführlichen darstellung der geschichte der abstrakten malerei, von Michael Seuphor [pseud] aus dem französischen übertragen und bearb. von Alfred L. Zeller. Droemersch verlagsanstalt '57 p311-23
- Cheney, Sheldon. Story of modern art. rev & enl mid-cent ed Viking '58 p/09-12 annot
- Dorival, Bernard. Twentieth century painters; tr. by Arnold Rosin, Universe bks. '58 2v v 1, p 143-5; v2, p 176-8
- Jaffé, Hans Ludwig C. De Stijl, 1917-1931; the Dutch contribution to modern art. Tiranti '56 p269-91
- Karpel, B. Language of art: a bibliography. (In McCurdy, Charles, ed. Modern art; a pictorial anthology [by] A. L. Chanin [and others] Macmillan '58 p431-64) annot
- Karpel, B. Selected bibliography. (In New York (city). Museum of modern art. New decade; 22 European painters and sculptors; ed. by Andrew Carnduff Ritchie; with statements by the artists. The museum '55 p 110-11)
- Lilja, Gösta. Det moderna måleriet i svensk kritik, 1905-1914. Allhems förlag '55 p271-80
- Lövgren, Sven. Genesis of modernism; Seurat, Gauguin, van Gogh and French symbolism in the 1880's. (Figura. Studies, 11) Inst. of art history, Univ. of Uppsala '58 p 170-4
- Moderns and their world; with an introd. by Sir John Rothenstein. Philosophical lib. '58 p27
- New York (city). Museum of modern art. Yves Tanguy; by James Thrall Soby. The museum '55 p69-70
- Riegen, N. Selected bibliography. (In New York. Museum of modern art. German art of the twentieth century, by Werner Haftmann [and others] ed. by Andrew Carnduff Ritchie. Museum of modern art; City art museum of St Louis '57 p227-35) annot
- Röthel, Hans Konrad. Moderne deutsche malerei. Vollmer '56 p81-101
- Same; with title: Modern German painting; tr. from the German by Desmond and Louise Clayton. Reynal & co. '57 p85-103
- Shattuck, Roger. Banquet years; the arts in France, 1885-1918. Harcourt '58 p285-96
- Wight, Frederick Stalknecht. Hans Hofmann. Univ. of Calif. press '57 p64-5
- See also
- Art nouveau (movement)
Dadaism
Expressionism (art)
Fauvism
Futurism (art)
Post-impressionism (art)
Surrealism
- MODIGLIANI, Amadeo, 1884-1920**
- Modigliani, Amadeo. Modigliani; text by Claude Roy; tr. by James Emmons and Stuart Gilbert. (Taste of our time; coll. v23) Skira '58 p 123-4
- Modigliani, Jeanne. Modigliani: man and myth; tr. from the Italian by Esther Rowland Clifford. Orion press '58 p 101-4
- Pfannstiel, Arthur. Modigliani et son œuvre; étude critique et catalogue raisonné. (Souvenirs et docs) Bibliothèque des arts '56 p 187-90
- MODREVIUS, Andreas Fricius**. See Frycz-Modrzewski, A.
- MODRZEWSKI, Andrzej Frycz**. See Frycz-Modrzewski, A.
- MODULAR coordination (architecture)**
- Modular building standards association. Bibliography of selected publications on modular design and construction. The association '59? 8p
- MODULAR design**. See Modular coordination (architecture)
- MØELLER, Arne Jørgen, 1898?-1955**
- Bibliographie des travaux de Arne J. Moeller. R Doc 22:44 Je '55

MOHAIR

Taylor, Jack B. Feasibility of processing wool and mohair in Texas. (Bul. 852) Tex. agricultural experiment station '57 p53-6

MOHAMMEDAN art. See Art, Mohammedan

MOHAMMEDAN civilization. See Civilization, Mohammedan

MOHAMMEDAN countries

Social conditions

Benedict, Burton. Short annotated bibliography relating to the sociology of Muslim peoples. Inst. of Islamic studies, McGill univ. '55 115p

MOHAMMEDAN empire

History

Spuler, Bertold. Geschichte der islamischen länder. (Handbuch der orientalistik. v6) Brill '52-'53 2v v 1, p 125-8; v2, p 111-16

MOHAMMEDAN law

Anderson, J. N. D. Islamic law in the modern world. N.Y. univ. press '59 p 101-6

Khadduri, Majid, and Liebesny, Herbert J. eds. Law in the Middle East; with a foreword by Robert H. Jackson; v 1, Origin and development of Islamic law. Middle East inst. '55 p378-81

Los Angeles county law library. Los Angeles. Holdings in Mohammedan law (wholly or partly in Western languages) The library '58 19p

MOHAMMEDAN sociology. See Sociology, Mohammedan

MOHAMMEDANISM

Abstracta islamica. 91-101 R Etud Islamiques 18:5-164; 20:147-82; 21:107-211 '51, '53-'54

Arberry, Arthur John. Revelation and reason in Islam. (Forwood lectures, 1956) Allen '57 incl bibliog

Central Asian research centre, London. Islam and Russia; a detailed analysis of An outline of the history of Islamic studies in the USSR by N. A. Smirnov; with an introd. by Ann K. S. Lambton. The centre; St. Antony's college (Oxford) Soviet affairs study group '56 p60-87

Landau, Rom. Islam and the Arabs. Macmillan '59 p283-6

Loewenthal, Rudolf. Russian materials on Islam and Islamic institutions; a sel. bibliography. (External research paper 133.1) Office of intelligence research, U.S. Dept. of state '58 34p

Loewenthal, R. Russian materials on Islam and Islamic institutions; a selective bibliography. Islam 33:280-309 S '58

Morgan, Kenneth William, ed. Islam: the straight path; Islam interpreted by Muslims; contributors: Mohammad Abd Allah Draz [and others] Ronald '58 p431-4

Payne, Robert. Holy sword; the story of Islam from Muhammad to the present. Harper '59 p321-6

Planhol, Xavier de. World of Islam. Le monde islamique; essai de géographie religieuse. Cornell univ. press '59 p 129-42 annot

Survey of periodicals. See numbers of Muslim world

Sweetman, James Windrow. Islam and Christian theology; a study of the interpretation of theological ideas in the two religions; pt2, Mediaeval developments significant for comparative study; v 1, Historical study of the second period. (Missionary research ser, no22; Butterworth lib. v45) Butterworth '55 p331-44

See also

Bahaism

MOHAMMEDANS in China

Loewenthal, R. Russian materials on Islam in China. Monumenta Serica 16 no 1-2:449-79 '57

MOHAMMEDANS in India

Hollister, John Norman. Shi'a of India. (Luzac's oriental religious ser, v8) Luzac '53 p417-33

MOINEAUX, Georges (Georges Courteline, pseud)

1860-1929
Georges Courteline; essai de bibliographie. Biblio 26:9-11 N '58

MOISTURE

See also

Food—Moisture content

Insects, Effect of moisture on

MOLDAVIA

History

Sources

Documenta privind istoria României: A. Moldova. Mihail Roller, redactor responsabil. Editura Academiei Republicii Populare Române '51-'54 9v

MOLDING

Guzzetti, A. J. Measurement of cure rate of thermosetting molding materials. Am Soc Test Mat Bul no220:66 F '57

MOLDS (botany)

Raper, K. B. Factors affecting growth and differentiation in simple slime molds. Mycologia 48:203-5 Mr '56

See also

Aspergillus

Myxomycetes

MOLDS (for casting)

American foundrymen's society. Bibliography on permanent mold castings. rev ed The society '55 20p

United States. Library of Congress. Technical information division. Casting techniques for explosives and other nonmetallic materials. by Thomas C. Goodwin; ed. by Mauree W. Ayton. The division '56 50p

MOLECULAR dynamics

Johnson, E. F. Molecular transport properties of fluids. Ind & Eng Chem 47:603-4; 48:585; 49:616-17; 50:491; 51:401 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

MOLECULES

Mandelkern, L. Crystallization of flexible polymer molecules. Chem R 56:954-8 O '56
Slater, John Clarke. Electronic structure of atoms and molecules. (Technical rep. no3) Solid-state & molecular theory group, Mass. inst. of technology '53 p 181-212

See also

Chemical bonds

Polymers and polymerization

Radicals (chemistry)

MOLIÈRE, Jean Baptiste Poquelin, 1622-1673

Henusse, Théo. Une pièce de Molière inconnue. (Sél. des lettrés) Editions Biblis '54 p509-49

MOLLUSCOIDA

See also

Bryozoa

MOLLUSKS

Brussels. Institut royal des sciences naturelles de Belgique. Ph. Dautzenberg's collection of cypræidae, by F. A. Schilder and M. Schilder. (Mémoires, ser2, no45) The institute '52 p236-9

Dodge, Henry. Historical review of the mollusks of Linnaeus. (Bul. v 100, article 1; v 103, article 1; v 107, article 1; v 111, article 3; v 113, article 2; v 116, article 2) Am. museum of natural history '52-'58 6pts pt 1, p231-42; pt2, p 125-32; pt3, p 146-55; pt4, p301-10; pt5, p212-22; pt6, p216-21

Drake, R. J. Study of Arizona pleistocene and recent mollusks: a tool for local geochronological research. Palacio 61:363-7 N '54

Endean, R. Studies of the blood and tests of some Australian ascidians. Australian J Marine & Freshwater Res 6:56-9, 155-6, 163 F, Ag '55

Frömming, Ewald. Biologie der mitteleuropäischen landgastropoden. Duncker & Humblot '54 p 379-402

Hertlein, Leo George, and Strong, A. M. Marine mollusks collected during the Askoy expedition to Panama, Colombia, and Ecuador in 1941. (Bul. v 107, article 2) Am. museum of natural history '55 p294-317

Hiscock, I. D. Osmoregulation in Australian freshwater mussels (lamellibranchiata) Australian J Marine & Freshwater Res 4:328-9, 341-2 N '53

Ingram, W. M. Snail and clam infestations of drinking-water supplies. Am Water Works Assn J 48:267-8 Mr '56

Keen, Angeline Myra. Sea shells of tropical west America: marine mollusks from lower Calif. to Colombia. Stanford univ. press '58 p557-86

Laserson, C. F. Families rissoinidae and rissoidae (mollusca) from the Solanderian and Dampierian zoogeographical provinces. Australian J Marine & Freshwater Res 7:467-8 O '56

MOLLUSKS—Continued

- Laseron, C. F. Family triphoridae (mollusca) from northern Australia; also triphoridae from Christmas island (Indian ocean) Australian J Marine & Freshwater Res 9:643-4 D '58
- Palmer, Katherine Evangeline Hilton (Van Winkle). Type specimens of marine mollusca described by P. P. Carpenter from the West Coast (San Diego to British Columbia) Geological soc. of Am. '58 p287-324
- Powell, Artur William Baden. Shells of New Zealand; an ill. handbook. 3d & enl ed Whitcombe & Tombs '57 p 127-31
- Raven, Christiaan Pieter. Morphogenesis; the analysis of molluscan development. (Int. ser. of monographs on pure and applied biology. Div: Zoology, v2) Pergamon '58 p269-87
- Stolkowski, Joseph. Essai sur le déterminisme des formes minéralogiques du calcaire chez les êtres vivants (calcaires coquilliers) (Inst. océanographique. Annales, new ser, v26, no 1) Masson '51 p 103-13
- Tranter, D. J. Reproduction in Australian pearl oysters (lamellibranchia) Australian J Marine & Freshwater Res 9:142, 156-7, 214-16, 524-5; 10:65-6 Mr-Jl, D '58, My '59
- Vokes, H. E. Notes on tertiary and recent solemyacidae. J Paleont 29:543-5 My '55
- Walter, W. M. Mollusks of the upper Neuse River basin, North Carolina. Elisha Mitchell Sci Soc J 72:273-4 N '56
See also
- Ascidians
Cephalopoda
Gasteropoda
Lamellibranchiata
Mussels
Shells
Snails
Tunicata
- MOLLUSKS, Fossil**
- Bartha, Ferenc. Pliocén puhatestű fauna ösről. Die pliozäne molluskenfauna von Öcs. (A Magyar Állami földtani intézet évkönyve, v42, no3) Nehézipari könyv- és folyóiratkiadó vállalat '54 p26-7
- Drake, R. J. Study of Arizona pleistocene and recent mollusks: a tool for local geochronological research. Palacio 61:363-7 N '54
- Emerson, W. K. Three new tertiary scaphopods, with a review of the extinct western North American siphonodentaliidae. J Paleont 31:991 S '57
- Hatal, K. and Koike, K. On some fossil mollusca from Chiba prefecture, Japan. Japan J Geol & Geog 28:89-90 S '57
- Hayami, I. Liassic bavevella in Japan. Japan J Geol & Geog 28:58-9 S '57
- Ichikawa, K. Triassic mollusca from the Arai formation at Iwai near Itsukaichi, Tokyo prefecture, Japan J Geol & Geog 24:67-9 Mr '54
- Kobayashi, T. Izumonauta, a new genus of the argonautinae, with a note on their rare but gregarious fossil occurrence. Japan J Geol & Geog 25:33-4 O '54
- Kobayashi, T. Studies on the Jurassic trigonians in Japan, Japan J Geol & Geog 25:78-80, 174-8 O-D '54
- Ladd, H. S. Fossil land shells from western Pacific atolls. J Paleont 32:197-8 Ja '58
- Nakano, M. On the cretaceous pennatae trigonians in Japan. Japan J Geol & Geog 28:119-20 S '57
- Palmer, Katherine Evangeline Hilton (Van Winkle). Type specimens of marine mollusca described by P. P. Carpenter from the West Coast (San Diego to British Columbia) Geological soc. of Am. '58 p287-324
- Smith, A. B. Paleocology of a molluscan fauna from the Trent formation. J Paleont 33:870-1 S '59
- Taylor, D. W. Pliocene fresh-water mollusks from Navajo county, Arizona. J Paleont 31:660-1 My '57
- Trumbull, E. J. Shumard's type specimens of tertiary mollusks from Oregon and other types formerly at Washington university. St Louis. J Paleont 32:904-6 S '58
- Valentine, J. W. Upwelling and thermally anomalous Pacific Coast pleistocene molluscan faunas. Am J Sci 253:473-4 Ag '55
- Vokes, H. E. Notes on tertiary and recent solemyacidae. J Paleont 29:543-5 My '55
See also
- Ammonolidea
Cephalopoda, Fossil
Lamellibranchiata, Fossil
Nautiloidea, Fossil
- Brasil**
- Magalhães, Julio, and Mezzalira, Sérgio. Moluscos fósseis do Brasil. (Inst. nacional do livro. Biblioteca científica brasileira, serA, 4) Dept. de imprensa nacional '53 p277-83
- MOLTEN metals.** See Metals. Molten
- MOLTEN salts.** See Salts. Molten
- MOLTKE.** Helmuth Karl Bernhard, graf von, 1800-1891
Kessel, Eberhard. Moltke. Koehler '57 p765-83
- MOLYBDENUM**
- Baer, F. E. and others. Molybdenum in plant and animal nutrition [survey of research] Soil Science 81:243-58 Mr '56
- Campbell, Thomas T. and Jones, A. Survey of the literature on the electrodeposition of molybdenum. (Information circ. 7723) U.S. Bur. of mines '55 6p
- Ellis, W. C. and others. Molybdenum as a dietary essential for lambs. J Animal Sci 17:187-8 F '53
- Northcott, Leslie. Molybdenum. (Metallurgy of the rarer metals, 5) Butterworth '56 incl bibliog
See also
- Plants, Effect of molybdenum on
- MOLYBDENUM in the body**
- Higgins, E. S. and others. Molybdenum deficiency and tungstate inhibition studies. J Nutrition 59:558-9 Ag '56
- Mills, C. F. and others. Metabolic effects of molybdenum toxicity in the rat. J Nutrition 65:140-2 My '58
- MOMMSEN, Theodor, 1817-1903**
Wucher, Albert. Theodor Mommsen: geschichtsschreibung und politik. (Göttinger bausteine zur geschichtswissenschaft, v26) Musterschmidt '56 p221-32
- MONASTERIES**
- Spain**
- Sáinz de Robles, Federico Carlos. Monasterios de España, su historia, su arte, su leyendas. 2d ed rev & enl (Colección literaria: novelistas, dramaturgos, ensayistas, poetas) Aguilar '53 incl bibliog
- MONASTICISM**
- Duckett, Eleanor Shipley. Saint Dunstan of Canterbury: a study of monastic reform in the 10th century. Norton '55 p233-41 annot
- Gautier, Jean, and others. La spiritualité catholique. Le Rameau '53 p287-96
- Kapsner, Oliver Leonard. Catholic religious orders; listing conventional and full names in English, foreign language, and Latin, also abbreviations, date and country of origin and founders. 2d ed enl St John's abbey press '57 p xxvii-xxxvii
- Smolitsch, Igor. Russisches mönchtum; entstehung, entwicklung und wesen 988-1917. (Das östliche Christentum; abh, new ser, no 10/11) Augustinus-verlag '53 p9-43
- MONASTICISM (canon law)**
- Grajewski, Maurice John. Supreme moderator of clerical exempt religious institutes; a historical conspectus and canonical commentary. (Catholic univ. of Am. Canon law studies, no369) Catholic univ. of Am. press '57 p 165-75
- McGrath, Robert Eamon. Local superior in non-exempt clerical congregations; a historical conspectus and a commentary. (Catholic univ. of Am. Canon law studies, no351) Catholic univ. of Am. press '54 p 112-18
- MONDRIAAN, Pieter Cornelis, 1872-1944**
Mondriaan, Pieter Cornelis. L'astrattismo di Piet Mondriaan: con appendice di scritti dell'artista. (Collezione di varia critica, v 13) Pozza '56 p41-189
- MONET, Claude, 1840-1926**
Rouart, Denis. Claude Monet: historical and critical study; tr. by James Emmons [introd. and conclusion by Léon Degand] (Taste of our time, v25) Skira '58 p 117-18

MONEY

Chandler, Lester Vernon. Economics of money and banking. 3d ed Harper '59 incl bibliog

Federal reserve board publications. See numbers of Federal reserve bulletin

Gardner, Richard N. Sterling-dollar diplomacy; Anglo-Am. collaboration in the reconstruction of multilateral trade. Oxford '56 p393-412

Kent, Raymond P. Money and banking. 3d ed Rinehart '56 incl bibliog

Organisation for European economic cooperation. Union européenne des paiements; convertibilité des monnaies. European payments union; convertibility of currencies, 1951-1954. (Bibliogs, no 1) The organization '55? 77p

Pritchard, Leland James. Money and banking. Houghton '58 p761-77

Smith, Lawrence. Money, credit, and public policy. Houghton '59 incl bibliog

Stokes, Milton Lonsdale, and Arlt, Carl Tristan. Money, banking and the financial system. Ronald '55 p647-55

See also

Banks and banking

Coins

Counterfeits and counterfeiting

Credit

Foreign exchange

Prices

Quantity theory of money

Sterling area

Tokens

Wealth

History

Gaettens, Richard. Inflationen; das drama der geldentwertungen vom altertum bis zur gegenwart. Pflaum '55 p306-12

International aspects

Ottenssooser, Robert David. Palestine pound and the Israel pound; transition from a colonial to an independent currency. (Etudes d'histoire économique, politique et sociale, 13) Droz '55 p 169-77

Austria-Hungary

Probszt, G. Quellenkunde der münz- und geldgeschichte der ehemaligen österreichisch-ungarischen monarchie. Akad. druck- & verlagsanstalt '54 134p

Canada

Bowman, F. Bouquet sou tokens of Canada. Numismatist 68:1191-2 N '55

McIvor, Russel Craig. Canadian monetary, banking and fiscal development. Macmillan '58 p253-6

Europe

Palyi, Melchior. Managed money at the crossroads; the European experience. Univ. of Notre Dame press '58 p185-9

Europe, Western

Sherwin, Stephen F. Monetary policy in continental western Europe, 1944-1952. (Wis. commerce studies, v2, no2) Bur. of business research, School of commerce, Univ. of Wis. '56 p305-11

Finland

Björkqvist, Heimer. Guldmyntfotens införande i Finland åren, 1877-1878. (Publikationer. SerB: 13) Inst. för ekonomisk forskning, Finlands bank '53 p468-78

Germany

Jesse, Wilhelm. Münz- und geldgeschichte Niedersachsens. (Werkstücke aus museum, archiv und bibliothek der stadt Braunschweig, v 15) Brandes '52 p 112-19

Great Britain

Great Britain. Parliament. House of commons. Irish exchange committee. Irish pound, 1797-1826; a reprint of the Report of the Com. of 1804 of the British house of commons on the conditions of the Irish currency; with sels. from the Minutes of evidence presented to the Com. and an introd. by Frank Whitson Fetter. (Northwestern univ. Studies in the social sciences, no9) Northwestern univ. press '55 p 125-8

Ireland

Great Britain. Parliament. House of commons. Irish exchange committee. Irish pound, 1797-1826; a reprint of the Report of the Com. of 1804 of the British house of commons on the condition of the Irish currency; with sels. from the Minutes of evidence presented to the Com. and an introd. by Frank Whitson Fetter. (Northwestern univ. Studies in the social sciences, no9) Northwestern univ. press '55 p 125-8

Israel

Ottenssooser, Robert David. Palestine pound and the Israel pound; transition from a colonial to an independent currency. (Etudes d'histoire économique, politique et sociale, 13) Droz '55 p 169-77

Switzerland

Mächler, Erwin. Die schweizerische gold- und devisenpolitik nach dem zweiten weltkrieg, 1945-1949. Brunner & Bodmer '52 p 135-55

Schweizerische nationalbank. Volkswirtschaftliche und statistische abteilung. Schweizerische bibliographie über geld, währung und notenbankwesen. Bibliographie suisse sur la monnaie et la Banque nationale. Bibliografia svizzera sulla moneta e sulla banca di emissione. (Mitteilungen no40) The bank '57 141p

United States

Hanks, J. Whitney, and Stucki, Roland. Money, banking, and national income. Knopf '56 incl bibliog

Nadler, Marcus, and others. Money market and its institutions. Ronald '55 p303-10

Nussbaum, Arthur. History of the dollar. Columbia univ. press '57 p271-87

Rist, Marcel. La Federal reserve et les difficultés monétaires d'après guerre, 1945-1950; préf. de Jean Marchal. (Fondation nat. des sciences politiques. Cahiers, 34) Colin '52 p357-65

Steiner, William Howard, and Shapiro, Eli. Money and banking; an introd. to the financial system; 4th ed [by the auths. and Ezra Solomon] Holt '58 incl bibliog

MONFREID, Henri de, 1879-
H. de Monfreid; essai de bibliographie. Biblio 23:10 N '55

MONGOLIA

Prague. Universita Karlova. Knihovna. Lidové demokratické země Asie: Korea, Vietnam, Mongolsko; výberový seznam literatury sest. Miroslav Kaftan. (Čtème a studujeme, 1956, no2) The library '56 15p

MONGOLIAN languages

Street, John Charles. Language of the Secret history of the Mongols. (Am. oriental ser, v42) Am. oriental soc. '57 p78-80

See also

Khalka language

MONGOLIAN literature

Aalto, Pentti. Catalogue of the Hedin collection of Mongolian literature. (Sino-Swedish expedition, 1927-1935. Pub. 38) Statens etnografiska museum '53 69-108p

MONIER, Raymond, 1900-1956

Mélanges dédiés à la mémoire de Raymond Monier. R Nord 40:159-60 Ap '58

MONKEYS

Dembowski, Jan. Psychologie der affen; übers. aus dem polnischen von Caesar Rymarczewicz und Wolfgang Grycz. Akademie-verlag '56 p253-6

Krieg, Wendell Jordan S. Connections of the frontal cortex of the monkey. Thomas '54 p297-9

Nolte, A. Beobachtungen über das instinktiverhalten von kapuzineraffen (Cebus apella L.) in der gefangenschaft. Behaviour 12 no3:205-7 '58

See also

Apes

MONNERET DE VILLARD, Ugo, 1881-1954

Levi della Vida, G. Bibliography of the writings of Ugo Monneret de Villard. Ars Orient 2:628-33 '57

MONOCOTYLEDONS

Guttenberg, Herman von. Embryologische und histogenetische untersuchungen an monokotyledonen; aus dem Botanischen inst. der Univ. Rostock. (Botanische studien, no7) G. Fischer '57 incl bibliog

MONOPOLIES

Chamberlin, Edward Hastings. Theory of monopolistic competition; a re-orientation of the theory of value. 7th ed (Harvard economic studies, v33) Harvard univ. press '56 p277-346

Chamberlin, E. H. Second supplementary bibliography on monopolistic competition. Q J Econ 70:613-43 N '56

Shubik, Martin. Strategy and market structure; competition, oligopoly, and the theory of games. Wiley '59 p371-8

See also

Oligopolies

Trusts, Industrial

MONROE doctrine

Perkins, Dexter. History of the Monroe doctrine; a new ed. of the bk. originally pub. under the title Hands off; a history of the Monroe doctrine. Little '55 p420-35 annot

MONSIGNY, Pierre Alexandre de, 1729-1817
Druihac, Paule. Monsigny. La Colombe '55 p 117-21

MONT BLANC

Graham Brown, Thomas, and DeBeer, Sir Gavin Rylands. First ascent of Mont Blanc; with a foreword by John Hunt. Oxford '57 p443-52

MONTAGU, Ashley, 1905-

Montagu, Ashley. Anthropology and human nature. Sargent '57 p370-82

MONTAGUE, Margaret Prescott, 1878-1955

Stemple, R. M. Margaret Prescott Montague, 1878-1955: a check list. Bul Bibliog 22:62-4 My '57

MONTANA

Montana almanac, 1956-60 edition. Mont. state univ. '58 p423-45

Description and travel

Howard, Joseph Kinsey. Montana: high, wide, and handsome; pref. by A. B. Guthrie. new il ed Yale univ. press '59 p332-9

Politics and government

Renne, Roland Roger. Government and administration of Montana. (Am. commonwealths ser. v24) Crowell '58 p483-7

MONTE CASSINO (Benedictine monastery)

Bielatowicz, Jan, and others, eds. Monte Cassino; w dziesięciolecie bitwy. Nakł. stowarzyszenia polskich kombatanów '54 p59-63

MONTEIRO LOBATO, José Bento, 1883-1948

Cavalheiro, Edgard. Monteiro Lobato; vida e obra. Editora nacional '55 2v v2, p743-88
—Same; 2d ed rev & enl Editora nacional '56 2v v2, p275-312

MONTENEGRO

Cetinje, Yugoslavia. Centralna narodna biblioteka NROG. Bibliografski podaci o Crnoj Gori i Boki Kotorskoj. The library '57 2v

MONTESQUIEU, Charles Louis de Secondat, baron de la Brède et de, 1689-1755

Ehrhard, J. Les études sur Montesquieu et L'esprit des lois. Inf Litt 11:55-66 Mr '59

MONTHERLANT, Henry de, 1896-

Bordonove, Georges. Henry de Montherlant; essai suivi de textes choisis et d'un fragment de Port-Royal de Henry de Montherlant. (Classiques du XX^e siècle, 18) Éditions universitaires '54 p 142-4

Oeuvres d'Henry Montherlant. Biblio 25:10-13 N '57

MONUMENTS

See also

Megalithic monuments

Pyramids

Sepulchral monuments

Mexico

Rubín de la Borbolla, Daniel Fernando. México: monumentos históricos y arqueológicos. (Monumentos históricos y arqueológicos, 7; Comisión de historia. Pubs, 43) Pan Am. inst. of geography & history '53 2v v 1, p99-106

MONZIE, Anatole Pierre Armand de, 1876-1947

Planté, Louis. Un grand seigneur de la politique: Anatole de Monzie, 1876-1947; précédé d'entretiens avec Léon Bérard. Clavreuil '55 p 16

MOON

See also

Tides

MOON, Voyages to. See Interplanetary voyages

MOORE, Anne Carroll, 1871-

Weeks, E. H. and Spain, F. L. Anne Carroll Moore; a contribution toward a bibliography. N Y Pub Lib Bul 60:629-36 N '56 annot

MOORE, George, 1852-1933

Collet, Georges Paul. George Moore et la France. Droz '57 p215-25

MOORE, Henry Spencer, 1898-

Moore, Henry Spencer. Henry Moore; v 1. Sculpture and drawings, 1921-1948; ed. by David Sylvester; with an introd. by Herbert Read. 4th rev ed Lund '57 p xli-xliii

Moore, Henry Spencer. Henry Moore; v2. Sculpture and drawings since 1948; with an introd. by Herbert Read. Lund '55 p xix-xx

MOORE, John Trotwood, 1858-1929

Green, Claud Bethune. John Trotwood Moore; Tennessee man of letters. Univ. of Ga. press '57 p 121-61

MOORE, Joseph Haines, 1878-1949

Wright, W. H. Joseph Haines Moore, 1878-1949. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p243-61)

MOORE, Marianne, 1887-

Sheehy, E. P. and Lohf, K. A. Achievement of Marianne Moore; a bibliography. N Y Pub Lib Bul 62:132-49, 183-90, 249-59 Mr-MY '58 annot
—Same; reprinted with additions and corrections. N.Y. public lib. '58 43p annot

MOORS and heaths

Nicholson, I. A. and Robertson, R. A. Some observations on the ecology of an upland grazing in north-east Scotland with special reference to callunetum. J Ecol 46: 270 Ji '58

MOOSE

Peterson, Randolph L. North American moose. Univ. of Toronto press '55 p247-65

MÓRA, Ferenc, 1879-1939

Csongor, Győző. Móra Ferenc munkássága. bibliográfia. (Kiadvány, no 18) Szegedi egyetemi könyvtár '54 32p

MORAL education. See Character education

MORALE

Conference on morale. Panic and morale; transactions [of conferences sponsored by the New York acad. of medicine and the Josiah Macy jr foundation; Iago Galdston, ed; Hans Zetterberg, research associate. Int. univs. press '58 p320-40 annot

Mahoney, G. M. Unidimensional scales for the measurement of morale in an industrial situation. Human Relations 9 no 1: 24-6 '56

Renck, Richard. Morale in industrial organizations: a bibliographic review. (Significant sources in management, organization, industrial relations, no7) Industrial relations center. Univ. of Chicago '53 58p

MORALITY plays. See Miracle, morality and mystery plays

MORALS. See Ethics

MORAVIAN church in Pennsylvania

Haller, Mabel. Early Moravian education in Pennsylvania. (Transactions, v 15) Moravian historical soc. '53 p359-97

MORDVINIANS

Religion

Harva, Uno. Die religiösen vorstellungen der Mordwinen. (Folklore fellows. FF communications, no 142) Suomalainen tiedeakatemia '52 p449-53

MORE, Sir Thomas, Saint, 1478-1535

Sullivan, M. P. Moreana; materials for the study of St Thomas More. (In More, Sir Thomas, Saint. Complete works; ed. by Frank Sullivan. (V5) Loyola univ. '58 p 1-12)

MORETTO, Alessandro, 1498?-1554

Boselli, Camillo. Il Moretto, 1498-1554. The author '54 p 119-23

MORGAGNI, Giovanni Battista, 1682-1771

Klemperer, P. Pathology of Morgagni and Virchow. Bul Hist Med 32:37-8 Ja '58

MORGAN, Thomas Hunt, 1866-1945

Sturtevant, A. H. Thomas Hunt Morgan. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p301-25)

MORGENSTERN, Christian, 1871-1914

Hiebel, Friedrich. Christian Morgenstern; wende und aufbruch unseres jahrhunderts. Francke '57 p235-8

MORMONS and Mormonism

Checklist of articles on Utah, the Mormons, and the West published in Western humanities review, volumes I-X. West Hum R 10:311-12 Summer '56

MORMONS and Mormonism—Continued

- Nelson, Lowry. Mormon village; a pattern and technique of land settlement. Univ. of Utah press '52 p287-91
- Vogt, E. Z. American subcultural continua as exemplified by the Mormons and Texans. *Am Anthropol* 57:1171-2 D '55

MOROCCO

- Beneitez Cantaro, Valentín. Sociología marroquí. (Pubs) Inst. General Franco para la investigación hispano-árabe '52 p282-4
- Bibliografía marroquí, 1953[-1958] Tamuda 1:1-48 (at end) 2:1-65 (at end) 3:1-110 (at end) 4:1-70 (at end) 5:1-86 (at end) 6:1-95 (at end) '53-'58
- Landau, Rom. Moroccan journal. Roy pubs. '55 p239-42 annot
- Morocco. Service géologique. Catalogue des publications du Service géologique du Maroc. The service '53 20p
- Riche, J. and Lille, O. Bibliographie marocaine 1948-1951. *Hespéris* 42 no3-4:291-708 '55

MORPHINE

- Bentley, Kenneth Walter. Chemistry of the morphine alkaloids. (Monographs on the chemistry of natural products) Oxford '54 incl bibliog

MORPHOGENESIS

- Balinsky, B. I. New experiments on the mode of action of the limb inductor. *J Exp Zool* 134:267-8 Mr '57
- Church, N. S. Hormones and the termination and reinduction of diapause in cephus cinctus Nort. (hymenoptera: cephidae) *Can J Zool* 33:367-9 O '55
- Foster, J. W. Morphogenesis in bacteria: some aspects of spore formation. *Q R Biol* 31:116-18 Je '56
- International union of biological sciences. Les bases biochimiques et structurelles de la morphogénèse. The biochemical and structural basis of morphogenesis. (SerB: colloquia, no 17) The union '53 incl bibliog
- Lockhart, W. R. Use of microorganisms for studies of growth and morphogenesis. *Bact R* 23:14-17 Mr '59
- Spratt, N. T. Analysis of the organizer center in the early chick embryo. *J Exp Zool* 128:161-3; 134:611-12; 135:352-3; 138:77-9 F '55, Ap Jl '57, Je '58
- Townes, P. L. and Holtfreter, J. Directed movements and selective adhesion of embryonic amphibian cells. *J Exp Zool* 128:117-20 F '55
- Trinkaus, J. P. and Drake, J. W. Exogenous control of morphogenesis in isolated fundulus blastoderms by nutrient chemical factors. *J Exp Zool* 132:340-2 Jl '56
- Weisz, P. B. Morphogenesis in protozoa. *Q R Biol* 29:226-9 S '54
- Yamada, T. and Takata, K. Analysis of spino-caudal induction by the guinea pig kidney in the isolated ectoderm of the triturus-gastrula. *J Exp Zool* 128:320-1 Mr '55
- MORPHOGENESIS (botany)**
- Cutter, E. G. and Wardlaw, C. B. Experimental and analytical studies of pteridophytes. *Ann Bot* 20:163-4, 373; 21:118-19, 370-1, 437 Ja-Apr '56, Ja, Jl '57
- Spurr, S. H. and Hyvärinen, M. J. Compression wood in conifers as a morphogenetic phenomenon. *Bot R* 20:557-60 N '54
- Torrey, J. G. and Shigemura, Y. Growth and controlled morphogenesis in pea root callus tissue grown in liquid media. *Am J Bot* 44:344 Ap '57
- Wardlaw, C. W. On the organization and reactivity of the shoot apex in vascular plants. *Am J Bot* 44:184-5 F '57

MORPHOLOGY

See also
Morphogenesis
Polymorphism

MORRISON, Robert, 1782-1834

- Ride, Lindsay. Robert Morrison, the scholar and the man; and illustrated catalogue of the exhibition held at the Univ. of Hong Kong, Sept. 4th to 18th 1957 to commemorate the 150th anniversary of Robert Morrison's arrival in China. Hong Kong Univ. press '57 p41-4, p 1-9 (at end)

MORTALITY

- Milbank memorial fund. Trends and differentials in mortality; papers presented at the 1955 annual conference of the Fund. The fund '56 incl bibliog

See also

- Animals—Mortality
Children—Mortality
Infants—Mortality

MORTAR

Testing

- Neville, A. M. Role of cement in the creep of mortar. *Am Concrete Inst J* 30:983-4 Mr '59

MORTARA, Giorgio, 1885-

- Milan. Università commerciale Luigi Bocconi. Istituto di economia e di politica economica e finanziaria. Studi in onore di Giorgio Mortara [di] L. Amoroso [et al] CEDAM '54 p459-89

MORTENSEN, Hans, 1894-

- Ergebnisse und probleme moderner geographischer forschung; Hans Mortensen zu seinem 60. geburtstag gewidmet von schülern, freunden und kollegen in verbindung mit der Akad. für raumforschung und landesplanung und dem Inst. für landesplanung und für niedersächsische landeskunde Göttingen. (Raumforschung und landesplanung; abh, v28) Dorn '54 p23-6

MORTGAGES

- Bryant, Willis R. Mortgage lending; fundamentals and practices. McGraw '56 incl bibliog

- DeHuszar, William Ivan. Mortgage servicing. McGraw '54 incl bibliog

- Weibel Jakob. Der schweizerische hypothekarkredit; eine zins- und kredittheoretische untersuchung. Keller '54 p xiii-xix

MORTUARY customs. See Funeral rites and ceremonies**MOSAIC law. See Jewish law****MOSAIC test**

- Levin, M. L. Validation of the Lowenfeld mosaic test. *J Consult Psychol* 20:248 Ag '56

MOSAICS

- Nordström, Carl Otto. Ravennastudien; ideengeschichtliche und ikonographische untersuchungen über die mosaiken von Ravenna. (Figura, 4) Almqvist '53 p 136-44

MOSCA, Gaetano, 1858-1941

- Meisel, James Hans. Myth of the ruling class; Gaetano Mosca and the elite; with the first English tr. of the final version of The theory of the ruling class. Univ. of Mich. press '58 p425-6

MOSER, Hans Joachim, 1889-

- Wegener, H. Bibliographie Hans Joachim Moser. (In Festgabe für Hans Joachim Moser zum 65. geburtstag, 25. mai 1954; hrsg. von einem freundeskreis. Hinnenthal '54 p 11-108)

MOSER, Henri, 1844-1923

- Bern. Historisches museum. Orientalische sammlung Henri Moser-Charlottenfels; beschreibender katalog der waffensammlung von Rudolf Zeller und Ernst F. Rohrer. Wyss erben '55 p31-3

MOSES ben Maimon (Maimonides) 1135-1204

- Dienstag, J. D. Maimonides; a sel. bibliography. (In Jewish book annual, 1955-1956. (V 13) Jewish bk. council of Am. '56 p39-42) annot

- Minkin, Jacob Samuel. World of Moses Maimonides; with sels. from his writings. Yoseloff '57 p432-4

MOSQUITOES

- Barr, Allan Ralph. Mosquitoes of Minnesota (diptera: culicidae: culicinae) (Technical bul. 228) Agricultural experiment station, Univ. of Minn. '53 p 137-54

- Belkin, John N. and Hogue, Charles Leonard. Review of the crabhole mosquitoes of the genus deinocerites (diptera, culicidae) (Calif. Univ. Pubs. in entomology, v 14, no6) Univ. of Calif. press '59 p444-5

- Bellamy, R. E. Investigation of the taxonomic status of anopheles perplexens Ludlow, 1907. *Entom Soc Am Ann* 49:529 N '56

- Cook, Edwin Francis. Nearctic chaoborinae (diptera: culicidae) (Technical bul. 218) Agricultural experiment station, Univ. of Minn. '56 p99-102

MOSQUITOES—Continued

- Darsie, Richard Floyd, and Springer, Paul Frederick. Three-year investigation of mosquito breeding in natural and impounded tidal marches in Delaware. (Bul. no320) Agricultural experiment station, Univ. of Del. '57 p83-5
- Harwood, R. F. and Horsfall, W. R. Development, structure, and function of covering of eggs of floodwater mosquitoes. *Entom Soc Am Ann* 50:561 N '57
- References to literature of interest to mosquito control workers and malariologists. See numbers of Mosquito news
- United States. Communicable disease center, Atlanta. Mosquito records from the Missouri River Basin states, prepared by the Surveys sec. Office of midwestern C.D.C. services. The center '51 p86-91

MOSSSES

- Allsopp, A. and Mitra, G. C. Morphology of protonema and bud formation in the bryales. *Ann Bot* 22:113-14 Ja '58
- Anderson, L. E. and Bryan, V. S. Chromosome numbers in mosses of eastern North America. *Elisha Mitchell Sci Soc J* 74:197-9 N '58
- Bryan, V. S. Chromosomes and systematic position of the inoperculate mosses, pleuridium and bruchia. *Am J Bot* 43:467-8 JI '56
- Crum, H. and Steere, W. C. Contribution to the bryology of Haiti. *Am Midl Natur* 60:50-1 JI '58
- Giesey, R. M. Studies in Ohio bryophytes. *Ohio J Sci* 57:311-12 S '57
- Gimingham, C. H. and Birse, E. M. Ecological studies on growth-form in bryophytes. *J Ecol* 45:544-5, 732-3; 46:27, 42 JI N '57, Mr '58
- Hosokawa, T. and Kubota, H. On the osmotic pressure and resistance to desiccation of epiphytic mosses from a beech forest, southwest Japan. *J Ecol* 45:591 JI '57
- Lawton, E. Revision of the genus *lescuraea* in Europe and North America. *Torrey Bot Club Bul* 84:352-5 S '57
- Steere, W. C. Chromosome number and behavior in arctic mosses. *Bot Gaz* 116:132-3 D '54
- Steere, W. C. Evolution and speciation in mosses. *Am Natur* 92:18-20 Ja '58
- Thieret, J. W. Bryophytes as economic plants. *Econ Bot* 10:88-91 Ja '56

MOSTAERT, Antoine, 1881-

- Elisséeff, S. Reverend Antoine Mostaert. *Harvard J Asiatic Stud* 19:xi-xiv Je '56

MOTET

- Gennrich, Friedrich. *Bibliographie der ältesten französischen und lateinischen motetten*. (Summa musicae mediæ ævi, v2) The author '57 124p

MOTH flies

- Quate, Larry Ward. Revision of the psychodidae (diptera) in America north of Mexico. (Calif. Univ. Pubs. in entomology, v 10, no3) Univ. of Calif. press '55 p262-9

MOTHERS

- Brody, Sylvia. Patterns of mothering; maternal influence during infancy; introd. by René A. Spitz. Int. univ. press '56 p418-30
- Newton, Niles. Maternal emotions; a study of women's feelings toward menstruation, pregnancy, childbirth, breast feeding, infant care, and other aspects of their femininity. (Psychosomatic medicine monographs) Hoeber '55 incl bibliog

Nutrition

- Children's fund of Michigan. Research laboratory. Nutritional status of mothers and their infants; seriatim concentrations of hemoglobin, and in serum, total protein, vitamin C, vitamin A, carotenoids and alkaline phosphatase, clinical and dietary intake assessments, racial and socioeconomic influences [By] Elsie Z. Moyer [and others] The fund '54 p93-112

MOTHS

- See also
Oriental fruit moth
Phycitinae

MOTION

- See also
Vortex motion

- MOTION, Psychology of.** See Movement, Psychology of

- MOTION pictures.** See Moving pictures

MOTION study

- Abruzzi, Adam. Work, workers and work measurement. Columbia univ. press '56 p303-10
- Barnes, Ralph Mosser. Motion and time study. 4th ed. Wiley '53 p641-53
- Buffa, E. S. Additivity of universal standard data elements. *J Ind Eng* 7:223 S '56
- Mundel, Marvin Everett. Motion and time study; principles and practice. 2d ed Prentice-Hall '55 p541-63
- Nadler, Gerald. Motion and time study. McGraw '55 p579-85
- Williams, D. A. and Sterling, M. E. Time and motion study in the construction industry; a sel. annot. bibliography. (T.I.S. rep. no57) Technical information service, Nat. research council, Canada '58 8p

See also**Time study****MOTIVATION (psychology)**

- Advertising research foundation. Bibliography of theory and research techniques in the field of human motivation. (Advertising research foundation pub) The foundation '56 117p
- Atkinson, John William, ed. Motives in fantasy, action, and society; a method of assessment and study. (Univ. ser. in psychology) Van Nostrand '58 p839-62
- Ausubel, D. P. Introduction to a threshold concept of primary drives. *J Gen Psychol* 54:227-9 Ap '56
- Bindra, Dalbir. Motivation; a systematic reinterpretation. *Ronald* '59 p311-38
- Bruner, J. S. and others. Breadth of learning as a function of drive level and mechanization. *Psychol R* 62:10 Ja '55
- Bunch, M. E. Concept of motivation. *J Gen Psychol* 58:203-5 Ap '58
- Cattell, Raymond Bernard. Personality and motivation structure and measurement. *World bk.* '57 p903-32
- Dauids, A. Generality and consistency of relations between the alienation syndrome and cognitive processes. *J Abnorm & Social Psychol* 51:66-7 JI '55
- Dinsmoor, J. A. Punishment: an interpretation of empirical findings. *Psychol R* 62:104-5 Mr '55
- Farber, I. E. Role of motivation in verbal learning and performance. *Psychol Bul* 52:325-7 JI '55
- Hawaii. University, Honolulu. Graduate seminar. Bibliography of motivation (including emotion) prepared under the direction of W. Edgar Vinacke [and others] The university '52? 32p
- Hebb, D. O. Drives and the C.N.S. (conceptual nervous system) *Psychol R* 62:253-4 JI '55
- Henle, M. Some effects of motivational processes on cognition. *Psychol R* 62:431-2 N '55
- Lindzey, Gardner, ed. Assessment of human motives [by] Gordon W. Allport [and others] (Rinehart bks. in the assessment of personality) Rinehart '58 incl bibliog
- McClelland, David Clarence, ed. Studies in motivation. (Century psychology ser) Appleton '55 incl bibliog
- Martineau, Pierre. Motivation in advertising; motives that make people buy. (McGraw-Hill ser. in advertising and selling) McGraw '57 p203-6
- Miller, N. E. Central stimulation and other new approaches to motivation and reward. *Am Psychologist* 13:107-8 Mr '58
- Mowrer, O. H. Two-factor learning theory reconsidered, with special reference to secondary reinforcement and the concept of habit. *Psychol R* 63:127-8 Mr '56
- Nebraska symposium on motivation, 1956 [1959] (Current theory and research in motivation, v4-7) Univ. of Neb. press '56- '59 4v incl bibliog
- Olds, James. Growth and structure of motives; psychological studies in the theory of action. Free press '56 incl bibliog
- Reuder, M. E. Effect of ego orientation and problem difficulty on muscle action potentials. *J Exp Psychol* 51:147-8 F '56
- Seward, J. P. Drive, incentive, and reinforcement. *Psychol R* 63:202-3 My '56
- Stellar, E. Psychology of motivation. *Psychol R* 61:20-2 Ja '54

MOTIVATION (psychology)—Continued

Surwillo, W. W. Psychological factors in muscle-action potentials: EMG gradients. *J Exp Psychol* 52:271-2 O '56

See also

Aspiration level

MOTOR ability

Motor skills bibliography. See numbers of Perceptual and motor skills

Zimmerman, H. M. Characteristic likenesses and differences between skilled and non-skilled performance of standing broad jump. *Res Q* 27:361-2 O '56

MOTOR fuels

Natural gasoline association of America. Fuels and fuel systems; contributions by technologists of Phillips petroleum co. to an understanding of the basic problem of vapor lock in automotive vehicles. The association '55 incl bibliog

Southwest research institute. San Antonio. Bibliography of fuel stability. 1929-1957. Office of technical services. U.S. Dept. of commerce '58 125. 65p

MOTOR psychology. See Movement, Psychology of**MOTOR vehicles**

Bekker, Mieczyslaw Gregory. Theory of land locomotion; the mechanics of vehicle mobility. Univ. of Mich. press '56 p 499-515

Harper, Donald Victor. Economic regulation of the motor trucking industry by the States. (Ill. studies in the social sciences, v43) Univ. of Ill. press '59 p296-303

National research council. Highway research board. Selected bibliographies on vehicle noise and fumes. (Bibliog., 22) Com. on vehicle characteristics '58 10p

Prague. Městská lidová knihovna. Motorismus; výběrový seznam literatury; připravil Miroslav Petrtyl. The library '56 22p

Studzinski, Kazimierz, ed. Techniczny poradnik samochodowy; praca zbiorowa. Państwowe wydawn. techniczne '56 incl bibliog

See also

Automobiles

MOTORISTS. See Automobile drivers**MOUNTAIN ash**

Liljefors, Alf. Cytological studies in sorbus. (Svenska vetenskapsakademien, Stockholm. Trädgård Bergielund. Acta hort bergiani, v 17, no4) Almqvist '55 p 109-13

MOUNTAIN flora. See Alpine flora**MOUNTAIN whites (South)**

Weatherford, Willis Duke. Pioneers of destiny; the romance of the Appalachian people. Vulcan press '55 p74

MOUNTAINEERING

Club montañés barcelonés. Exposición del libro de montaña; fiestas del cincuentenario, 1890-1952; mayo-junio 1953. The club '53 111p

Porter, Edward C. Library of mountaineering and exploration and travel; both true and in fiction, history, science, technique, philosophy, art, etc. The author '59 74p

Smith, Janet Adam. Mountaineering. (Reader's guides, 2d ser, 1) Nat. bk. league '55 24p annot

MOUNTAINS

Booker, W. H. Role of gravity in orogenesis. *Geol Soc Am Bul* 67:1316-18 O '56

Club montañés barcelonés. Exposición del libro de montaña; fiestas del cincuentenario, 1890-1952; mayo-junio 1953. The club '53 111p

Cotton, C. A. Geomechanics of New Zealand mountain-building. *N Z J Sci & Tech sec B* 38:199-200 N '56

Eardley, A. J. Cause of mountain building—an enigma. *Am Scientist* 45:216-17 Je '57

Giangaud, L. Corrélation chronologique des phénomènes géodynamiques dans les Alpes, l'Apennin et l'Atlas Nord-Africain. *Soc Géol France Bul* 6:887-91 Jl '57

Reitan, P. H. Hypothesis accounting for a two-phase orogenic cycle. *J Geol* 67:134 Mr '59

Spieker, E. M. Mountain-building chronology and nature of geologic time scale. *Am Assn Pet Geol Bul* 40:1814-15 Ag '56

Winkler-Hermaden, Artur. Geologisches kräftespiel und landformung; grundsätzliche erkenntnisse zur frage junger gebirgsbildung und landformung. Springer '57 p754-92

MOURNING doves. See Pigeons**MOUTH**

Lysell, Lennart. Plicae palatinae transversae and papilla incisiva in man; a morphologic and genetic study. (Sup 18) *Acta odontologica scandinavica* '55 p 134-7

See also

Salivary glands

Teeth

Abnormities and deformities

Shelton, R. L. and others. Tongue thrusting in one of monozygotic twins. *J Speech & Hear Dis* 24:117 My '59

Cancer

Sharp, George Stevenson, and others. Oral cancer and tumors of the jaws. McGraw '56 incl bibliog

Diseases

Bernier, Joseph L. Management of oral disease; a treatise on the recognition, identification, and treatment of diseases of the oral regions. Mosby '55 incl bibliog

Bunting, Russell Welford, and others. Oral hygiene. 3d ed rev Lea '57 incl bibliog

Greither, Aloys. Dermatologie der mundhöhle und der mundumgebung; systematik, morphologie und grundzüge der behandlung; mit einem geleitwort von W. Schönfeld. Thieme '55 incl bibliog

Shafer, William G. and others. Textbook of oral pathology. Saunders '58 incl bibliog

Tumors

Langer, Erich. Histopathologie der tumoren der kiefer und der mundhöhle. Thieme '58 p 139-64

MOVEMENT, Psychology of

Poulton, E. C. On prediction in skilled movements. *Psychol Bul* 54:477-8 N '57

MOVING picture cameras

Weise, Harald. Die kinematographische kamera. (Die Wissenschaftliche und angewandte fotografie, v3) Springer '55 p428-52

MOVING picture films

Eastman kodak company. Motion picture film department. Storage and preservation of motion-picture film. The company '57 p63-6

MOVING picture industry

Babitsky, Paul, and Rimberg, John. Soviet film industry; foreword by Alex Inkeles. (Studies on the U.S.S.R., no12; Praeger pubs. in Russian history and world communism, no37) Praeger '55 incl bibliog

Kerle, Kenneth E. Theatre lobby. *Am. univ.* '55 incl bibliog

MOVING picture music

McCarty, Clifford. Film composers in America; a checklist of their work; foreword by Lawrence Morton. Valentine '53 193p

Manvell, Roger, and others. Technique of film music. Focal press '57 p285-91

MOVING picture photography

Abramson, Albert. Electronic motion pictures; a history of the television camera. Univ. of Calif. press '55 p 179-98

Daily, C. R. Progress committee report. *Soc Motion Pict & Tv Eng J* 64:246-7 My '55

Wheeler, Leslie J. Principles of cinematography; a handbk. of motion picture technology; with a foreword by I. D. Wratten. Fountain press '53 p442-64

—Same. 2d ed Macmillan '58 p442-64

MOVING picture plays

Enser, A. G. S. Filmed books and plays; 1952-1954 supplement. Grafton '56 69p

Motion picture association of America. Books into films [by] Michael Linden. The association '52 19p

Recent and forthcoming motion pictures based on books. *Engl Rec* 9:48-50 Spring '59

MOVING pictures

Borde, Raymond, and Chaumeton, Etienne. Panorama du film noir américain (1941-1953); préf. de Marcel Duhamel. Editions de minuit '55 p 197-203

Current literature. See numbers of Society of motion picture and television engineers. Journal

Ferrara, Giuseppe. Il nuovo cinema italiano, con pref. di Carlo Battisti. Le Monnier '57 p361-408

Film daily (periodical). Year book of motion pictures, 1958. (V40) Film daily '58 p 1004-15

MOVING pictures—*Continued*

- Library association. County libraries section. Cinema. Readers' guide, new ser, no21). The section '53 35p
- Talbot, Daniel, ed. Film: an anthology. Simon & Schuster '59 p619-24 annot
- History
- Bardèche, Maurice, and Brasillach, Robert. Histoire du cinéma, new definitive ed A. Martel '53-'54 2v v 1, p421-4; v2, p451-3
- Knight, Arthur. Liveliest art; a panoramic history of the movies. Macmillan '57 p341-58 annot
- Zglinicki, Friedrich Pruss von. Der weg des films; die geschichte der kinematographie und ihrer vorläufer. Rembrandt '56 p964-77
- Periodicals
- Brussels. Cinémathèque de Belgique. Répertoire mondial des périodiques cinématographiques. World list of film periodicals and serials. The institute '55 127p
- Supplément 1. The institute '57 41p
- Film daily (periodical). Year book of motion pictures, 1958. (V40) Film daily '58 p 1015+
- MOVING pictures, Talking
- Kellogg, E. W. History of sound motion pictures. Soc Motion Pict & Tv Eng J 64:302, 372-4 Je-Jl '55
- MOVING pictures and children
- García Yagüe, Juan. Cine y juventud. Inst. San José de Calasanz, Consejo superior de investigaciones científicas '53 p 151-63
- Lunders, Leo. Introduction aux problèmes du cinéma et de la jeunesse. Editions univs. '53 p209-20
- Sicker, Albert. Kind und film; der einfluss des filmes auf das seelenleben des kindes; eine experimentelle studie unter verwendung des Pigm- und des Taunima-testes. Huber '56 p 135-8
- MOVING pictures in education
- Allen, W. H. Research on film use: student participation. Audio Visual Commun R 5: 443-50 Spring '57
- May, Mark Arthur, and others. Learning from films. Yale univ. press '58 p347-51
- See also
- Libraries and moving pictures
- MOZAMBIQUE
- Oliveira Boleo, José de. Moçambique. (Monografias dos territórios do ultramar) Divisão de publicações e biblioteca, Agência geral do ultramar '51 p539-58
- MOZART, Johann Chrysostom Wolfgang Amadeus, 1756-1791
- Davenport, Marcia (Gluck). Mozart. 2d ed Scribner '56 p389-93
- Giazotto, Remo. Annali mozartiani. Zerboni '56 p 159-65
- Lawrence, H. Mozart in the library. Sat R 39:50+-Ja 28 '56
- Mozart-bibliographie für das jahr 1945 bis 1950[-1955] Mozart Jahrb 1951:151-7; 1952: 119-20; 1953:162-3; 1954:209-10; 1955:263-4; 1956:206-8 '53-'57
- Wendelin, Lidia F. Mozart in Ungarn. Mozart Magyarországon; mit einer einleitung von Ervin Major. (Új bibliográfiái füzetek 2) Országos Széchényi könyvtár '58 203p
- Wolfgang Amadeus Mozart, 1756-1956; výběrová bibliografie. Knihovna, Univ. Brno '55 35p
- MUCCHI, Gabriele, 1899-
- Grada, Raffaele de. Gabriele Mucchi [im ms. übers. aus dem italienischen] Verlag der kunst '57 p66
- Mucchi, Gabriele. Gabriele Mucchi; pref. di Sergio Solmi; nota autobiografica. EDA '55 p 129-34
- MUCINS
- DeWitt, C. W. Differential effect of hog gastric mucin on properdin and host resistance to infection. J Bact 76:638-9 D '58
- Keiser-Nielsen, Hans. Mucin; undersøgelse over nogle af mucins fysisk-kemiske egenskaber og fysiologiske funktioner. Dansk videnskabs forlag '53 p297-308
- MUDSTONE
- Crowell, J. C. Origin of pebbly mudstones. Geol Soc Am Bul 68:1007-9 Ag '57
- MUHAMMAD IKBAL, 1876-
- Ghani, Ataur Rahman, and Nur Ilahi, Khwaja. Bibliography of Iqbal; with an introd. by M. Aslam, Bazm-i-Iqbal '55? 16p

MUIR, Edwin, 1887-

Hall, John Clive. Edwin Muir. (Bibliog. ser. of sups. to British bk. news, no71) Longmans '56 p35-6

MULCHING

See also

Crop residues

MULES. See Asses and mules

MÜLLER, Günther, 1890-

Müller, H. Verzeichnis der wissenschaftlichen schriften von Günther Müller. (In Alewyn, Richard, and others, eds. Gestaltprobleme der dichtung [Günther Müller zu seinem 65. geburststag am 15. dezember 1955] Bouvier '57 p335-6)

MULLETS

Thomson, J. M. Movements and migrations of mullet (mugil cephalus L.) Australian J Marine & Freshwater Res 6:346-7 O '55

Thomson, J. M. Mugilidae of Australia and adjacent seas. Australian J Marine & Freshwater Res 5:124-30 Mr '54

MULTIPLE sclerosis. See Sclerosis, Multiple

MULTIPLIER principle (economics)

Mieth, Wolfram. Das akzelerationsprinzip. (Volkswirtschaftliche schriften, no 14) Duncker & Humblot '54 p 114-18

MUNCH, Edvard, 1863-1944

Muller, Hannah B. Edvard Munch; a bibliography. The author '51? 30p

MUNCH-PETERSEN, Carl Julius, 1896-

Petersen, Ejner, ed. Dedicated to Carl Julius Munch-Petersen on the occasion of his sixtieth birthday. (Acta psychiatrica et neurologica Scandinavica. Sup 108) Universitetsforlaget '56 p7-11

MUNDURUCU Indians

Murphy, R. F. Matrilocality and patrilineality in Mundurucu society. Am Anthropol 58: 433-4 Je '56

MUNICIPAL accounting. See Municipal finance —Accounting

MUNICIPAL and state relations. See State and municipal relations

MUNICIPAL authorities. See Authorities (state, municipal, etc)

MUNICIPAL employees

Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p 177-80; 1957, p 177-80; 1958, 165-8; 1959, p 191-4

MUNICIPAL engineering

See also

Drainage
Refuse and refuse disposal
Sanitary engineering
Sewerage
Water supply

MUNICIPAL finance

Current financial reports and new literature on public finance. See numbers of Bond buyer

Mace, Ruth L. Cost of providing municipal services as compared to the revenues to be derived from the areas or land uses served; a sel. bibliography. (Special study) Inst. of gov. Univ. of N.C. '56 4p

—Same, rev ed. (Special study) Inst. of gov. Univ. of N.C. '59 6p

Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p233-8; 1957, p233-8; 1958, p216-21; 1959, p248-54

Royal institute of public administration. New sources of local revenue; rep. of a study group of the Institute. Allen '56 p242-9

Tax institute. Financing metropolitan government, by Carl H. Chatters [and others] symposium conducted by the Institute, Nov. 18-19, 1954, Princeton. The institute '55 p279-88

Vigman, Fred K. Crisis of the cities. Public affairs press '55 p 147-51

Accounting

Beights, David Miers. Accounting principles for small municipalities. The author '54 p 145-6

MUNICIPAL government

Bromage, Arthur Watson. Introduction to municipal government and administration. 2d ed (Century political science ser) Appleton '57 incl bibliog

MUNICIPAL government—Continued

- Hazelton, P. A. List of recommended books for selectmen and other town officials. North Country Lib 1:4-5 N '58
- Municipal and civic publications. See numbers of American city
- New York (city). Public library. Municipal reference library. Municipal reference library notes. The library. See numbers
- Plunkett, Thomas J. Municipal organization in Canada; a study of the structure and forms of municipal gov. organization in Canada. Canadian federation of mayors & municipalities '55 p 156-7
- Vigman, Fred K. Crisis of the cities. Public affairs press '55 p 147-51
- See also
- Fire departments
- Metropolitan districts
- State and municipal relations

City manager plan

- International city managers' association. Handbook for councilmen in council-manager cities. The association '55 p46-8
- MacCorkle, Stuart Alexander. City manager's job. (Public affairs ser, no35) Inst. of public affairs, Univ. of Tex. '58 p36-8

Brazil

- Medeiros, Ocelio de. Problemas fundamentais dos municípios brasileiros; planejamentos intergovernamentais como instrumentos de solução; política de valorização de áreas e projetos da operação-município. (Ensaio de adm. no6) Serviço de documentação. Brazil. Dept. adm. do serviço público '56 p 105-23

Texas

- Keith, John Pirie. City and country home rule in Texas. (Public affairs ser, no7) Inst. of public affairs, Univ. of Tex. '51 p 161-4

United States

- Adrian, Charles Raymond. Governing urban America; structure, politics, and administration. (McGraw-Hill ser. in political science) McGraw '55 p439-41 annot
- Baker, Benjamin. Urban government. (Political science ser) Van Nostrand '57 incl bibliog
- Bell, George Alfred. Michigan municipal league: an analysis of policies and services. (Mich. governmental studies, no35) Bur. of gov. Univ. of Mich. '57 p 185-93
- Brown, Robert Harold. Political areal-functional organization, with special reference to St Cloud, Minnesota. (Chicago. Univ. Dept. of geography. Research paper, no51) Univ. of Chicago press '57 p 116-23
- California. University. Bureau of public administration. Annexation? Incorporation? a guide for community action [by] Stanley Scott [and] Lewis Keller. 3d ed rev The bureau '59 p92-100 annot
- Daland, R. T. Political science and the study of urbanism. Am Pol Sci R 51:491-509 Je '57
- Government affairs foundation, New York. Metropolitan communities; a bibliog. with special emphasis upon government and politics. Public adm. service '57 392p
- Government affairs foundation, New York. Metropolitan surveys: a digest. Public adm. '58 incl bibliog
- Macdonald, Austin Faulks. American city government and administration. 6th ed Crowell '56 incl bibliog
- Maddox, Russell Webber. Extraterritorial powers of municipalities in the United States. (Ore. state monographs. Studies in political science, no2) Ore. state college press '55 p 110-14
- Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int city managers' assn. '56-'59 4v incl bibliog
- National association of home builders of the United States. National housing center. Library. Community facilities; a list of sel. references. (Bibliog ser, no 1) The association '56 140p annot
- Texas. University. Institute of public affairs. Forms of city government. 5th ed (Public affairs ser, no38) The institute '59 p34-6 annot

MUNICIPAL ordinances

- Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v. 1956, p473-91; 1957, p472-91; 1958, p486-505; 1959, p493-512
- MÜNSTER, Germany**
- Bergenthal, Josef. Münster steckt voller merkwürdigkeiten. 6th rev & enl ed Regensberg '55 p99-102
- MUNTEANU-MURGOCI, George, 1872-**
- Munteanu-Murgoci, George. Opere alese; [sub redactia prof. em. Protopopescu-Pache et al] Editura Academiei Republicii Populare Romine '57 p319-31
- MUNTHE, Axel Martin Fredrik, 1857-1949**
- Boken om Axel Munthe, Capri och San Michele; en minnesbok under medverkan av Arvid Andrén [et al] Allhems förlag '57 p330-6
- MUNZER, Thomas, 1489?-1525**
- Smirin, M. M. Die volksreformation des Thomas Münzer und der grosse Bauernkrieg; tr. by Hans Nichtweiss. Dietz '52 p63-9
- Same. 2d rev & enl ed Dietz '56 p649-58
- MURAL painting and decoration**
- Gray, Basil. Buddhist cave paintings at Tunhuang; with a pref. by Arthur Waley. Univ. of Chicago press '59 p79-83
- Randall, Arne William. Murals for schools; sharing creative experiences. Davis press '56 p99-100
- Richardson, L. Pompeii: the casa dei discuri and its painters. Am Acad Rome Mem 23: xvii-xviii '55
- United Nations educational, scientific and cultural organization. Spain: Romanesque paintings; pref [by] Walter W. S. Cook; introd [by] Juan Ainaud. (UNESCO world art ser) N.Y. graphic soc. '57 p30
- See also
- Mosaics
- MURATORI, Ludovico Antonio, 1672-1750**
- Carli, Ferruccio de. Lodovico Antonio Muratori; la sua vita, la sua opera e la sua epoca; con presentazione di Niccolò Rodolico. (Biografie, 1) Macri '55 p251-61
- MURDER**
- Bartmann, Fritz. Dubiose fälle; grenzfälle von mord, selbstmord, unglücksfall; zusammenstellung und auswertung authentischen materials. Verlag für polizeiliches fach-schrifttum '54 p 163-6
- See also
- Homicide
- MURGER, Henri, 1822-1861**
- García Venero, Maximiano. Biografía de la Bohemia. (2d ser, v34) Colección El Grifón '56 p257
- MURRAY valley, Australia**
- Murray Valley resources survey committee. Report on resources and development of the Murray valley. Dept. of nat. development '47-'53 2v v 1, p345-56
- MURRY, John Middleton, 1889-1957**
- Mairet, Philip. John Middleton Murry. (Bibliog. ser. of sups. to British bk. news, no 102) Longmans '58 p37-40 annot
- MUSACEAE**
- Brewbaker, J. L. and Umall, D. L. Classification of Philippine musae. Philippine Ag 40:267-8 O '56
- MUSCLES**
- Campbell, Edward James Moran. Respiratory muscles and the mechanics of breathing. Lloyd-Luke '58 p 120-8
- Chapman, G. B. Electron microscopy of ultra-thin sections of insect flight muscle. J Morphol 95:250-1 S '54
- Clarke, H. H. Recent advances in measurement and understanding of volitional muscular strength. Res Q 27:273-5 O '56
- Daniels, Lucille, and others. Muscle testing; techniques of manual examination. 2d ed Saunders '56 p 175-6
- Detwiler, S. R. Experiments on the origin of the ventrolateral trunk musculature in the urodele (amblystoma) J Exp Zool 129: 74-5 Je '55
- De Villafrañca, G. W. Adenosinetriphosphatase activity in developing rat muscle. J Exp Zool 127:387-8 N '54
- Fleckenstein, Albrecht. Der kalium-natrium-austausch als energieprinzip in muskel und nerv, zugleich ein grundriss der allgemeinen elektropharmakologie. Springer '55 p 132-49

MUSCLES—Continued

- Grimstone, A. V. and others. Fine structure of the mesenteries of the sea-anemone *metridium senile*. *Q J Micros Sci* 99:539-40 D '58
- Harris, J. P. *Musculus depressor mandibulae* in *necturus*. *Field & Lab* 25:20-1 Ja '57
- Harris, J. P. *Musculus mylohyoideus* and *M. interhyoideus* in *necturus*. *Field & Lab* 25: 59-60 Ap '57
- Hoyle, Graham. Comparative physiology of the nervous control of muscular contraction. Cambridge '57 p 129-43
- Inkster, R. G. and others. Anatomy of the locomotor system; osteology, arthrology, myology. (Cunningham's text-bk. of anatomy, v2) Oxford '56 incl bibliog
- Lukton, A. and Olcott, H. S. Content of free imidazole compounds in the muscle tissue of aquatic animals. *Food Res* 23:617-18 N '58
- Partmann, Walter. Effect of low temperature, sodium nitrite, sodium chloride, and formaldehyde on the apyrase system of the muscular tissue. *Food Res* 22:61-2 Ja '57
- Robson, E. A. Structure and hydromechanics of the musculo-epithelium in *metridium*. *Q J Micros Sci* 98:277-8 S '57
- Schneider, Edward Christian. Physiology of muscular activity; 5th ed. by Peter V. Karpovich, Saunders '59 p332-55
- Wersäll, Richard. Tympanic muscles and their reflexes; physiology and pharmacology with special regard to noise generation by the muscles [tr. by Virginia Uhlemann] (Sup 139) *Acta oto-laryngologica* '58 p 106-12
- Williams, D. E. Masseter muscle action potentials in stuttered and non-stuttered speech. *J Speech & Hear Dis* 20:260-1 S '55
- Zender, R. and others. Aseptic autolysis of muscle: biochemical and microscopic modifications occurring in rabbit and lamb muscle during aseptic and anaerobic storage. *Food Res* 23:325-6 My '58
- See also
Eye—Muscles
- MUSCULAR dystrophy.** See *Dystrophy, Muscular*
- MUSCULAR sense.** See *Kinesthesia*
- MUSEUMS**
- London. Science museum. Science library. Agricultural museums; references covering the period 1943-1955. (Bibliog ser, no740) The library '56 2p
- Lorentz, Stanislaw. Museums and collections in Poland, 1945-1955. *Polonia pub. house* '56 p 103-11 annot
- See also
Children's museums
- MUSEUMS and schools**
- United Nations educational, scientific and cultural organization. Museum techniques in fundamental education. (Educational studies and docs, no 17) UNESCO '56? p33-4
- United Nations educational, scientific and cultural organization. Some papers on the role of museums in education. (Occasional papers in education, 13) Education clearing house '52 p33-7
- MUSHROOMS**
- Atkins, Frederick Charles. Mushroom growing to-day. Macmillan '56 p 194-6
- Morandi, Luigi, and Baldacci, Elvio. I funghi: vita, storia, leggende. Garzanti '54 p597-614
- Pilat, Albert. Mushrooms. *Bijl* '54 p82-4
- Spurr, Arthur Richard. Sources of information on mushroom research and production. (Vegetable crops ser, no97) Dept. of vegetable crops, Univ. of Calif. '59 14p
- MUSIC**
- Belknap, Sara (Yancey). Guide to the musical arts; an analytical index of articles and ils, 1953-56. Scarecrow '57 iv
- Berlin. Deutsche staatsbibliothek. Neuerwerbungen ausländischer musikliteratur, 1954-1955; bearb: K. H. Köhler und E. Bartlitz. (Bibliog. mittellungen, 12) The library '56 90p
- Bibliographie 1950. *Jahrb Ästhetik & Allgem Kunstwiss* 2:191-220 '54
- Book reviews. See numbers of Music library association. Notes
- British catalog of music; a record of music and bks. about music recently pub. in Great Britain. Council of the British nat. bibliog. See numbers
- Canadian music library association. Standards for music collections in medium-sized public libraries. Canadian lib. assn. '59 42p
- Davidson, Ake. Musikbibliographische beiträge. (Uppsala. Univ. Arsskrift 1954:9) Lundequistiska bokhandeln '54 118p
- Duckles, Vincent Harris, and others. Guide to reference materials on music. 3d ed (Syllabus ser, syllabus no344) Univ. of Calif. '55 69p
- Edwards, Arthur C. Art of melody. Philosophical lib. '56 p249-55
- Gildersleeve, G. Basic music bibliography. NEA J 44:301-2 My '55
- Glasgow. Public libraries. Selected list of books on twentieth century music; ed. by Marion E. Walden. Corp. ptg. & stationery dept. '55? 12p
- Grunfeld, Frederic V. and Eaton, Quaintance, eds. Music and recordings 1955. Oxford '55 p215-34 annot
- Krohn, Ernst Christopher. History of music; an index to the literature available in a sel. group of musicological publications. Baton music co. '58 463p
- Leguy, Jean. Catalogue bibliographique des livres de langue française sur la musique; avant-propos de Norbert Dufourcq. new ed The author '54 59p
- Liverpool. Public libraries, museums and art gallery. Music library. Catalogue of the Music library. Central public lib. '54 572p
- Miller, C. K. Reading about music. N Y Pub Lib Br Lib Bk News 34:28-34 F '57 annot
- Minnesota. University. Department of music. Selected catalogue of music and books on music, European and American, presented in honor of the annual convention of the Music library association, June 25-26, 1954; pref. by Johannes Riedel. The department '54 32p
- Morgenstern, Sam, ed. Composers on music; an anthology of composers' writings from Palestrina to Copland. Pantheon bks. '56 p557-69
- Music index. Information service. See numbers
- Music reviews. See numbers of Music library association. Notes
- National association of schools of music. List of books on music; 10th supplement. (Bul. no43) The association '57 22p
- National book league. Selection of current books on music. The league '56 13p annot
- Northwestern university. Evanston, Illinois. School of music. Bibliography of research. School of music, Northwestern university; theses, projects, dissertations; ed. by Hazel B. Morgan. The school '58 47p
- Pleasants, Henry. Agony of modern music. Simon & Schuster '55 p 177-8
- Potúček, Juraj. Súpis slovenských hudobní a literatúry o hudobníkoch. Nakl. Slovenskej akadémie vied a umení '52 incl bibliog
- Prague. Universita Karlova. Knihovna. Knihy o hudbě a tanci [1945-1957] (Čteme a studujeme, v 1957, no4) The library '57 81p
- Quarterly book-list. See numbers of Musical quarterly
- Rjukan, Norway. Offentlige bibliotek. Musikk-litteratur i Rjukan off. bibliotek; utarb. av Arne Kr. Solild. The library '51 32p
- Robertson, Alec. Music and musicians. (Reader's guides, 2d ser, 10) Nat. bk. league '56 31p annot
- Schmieder, Wolfgang. Bibliographien des musikschrifttums. 1952-1953[1954-1955] F. Hofmeister '56-'57 2v
- Utah. University. Library. Catalogue of books and music acquired from the library of Dr. Hugo Leichtentritt; ed. by Carol E. Selby. (Bul. v45, no 10) The university '54 106p
- Zuckermandl, Victor. Sound and symbol; music and the external world; tr. from the German by Willard R. Trask. (Bollingen ser, 44) Pantheon bks. '56 p381-5
- See also
Bands (music)
Folk music
Jazz music
Opera
School music
Singing
Songs

MUSIC—Continued

Acoustics and physics

- Douglas, Alan Lockhart Montheith. Electrical production of music; with a foreword by H. Lowery. Philosophical lib. '57 p217-20
 Taylor, Robert M. Acoustics for the singer. (Emporia state research studies, v6, no4)
 Kan. state teachers college '58 p34-5

Analysis, interpretation, appreciation

- Machlis, Joseph. Enjoyment of music; an introd. to perceptive listening. Norton '55 p631-3
 Moore, Earl Vincent, and Heger, Theodore E. Symphony and the symphonic poem; analytical and descriptive charts of the standard symphonic repertory. 3d rev ed Ulrich's bk. store '57 p275-7
 Stringham, Edwin John. Listening to music creatively. 2d ed Prentice-Hall '59 p602-3

Bibliography

- Coover, J. B. Current status of music bibliography. Mus Lib Assn Notes 13:581-93 S '56

Catalogs

- Johansson, Carl. French music publishers' catalogues of the second half of the eighteenth century. (Stockholm. Musikaliska akad. Bibliotek. Publikationer, 2) Almqvist '55 228p annot

Copyright

See Copyright—Music

Dictionaries

- Coover, James Burell. Music lexicography; incl. a study of lacunae in music lexicography and a bibliography of music dictionaries. Bibliog. center for research, Rocky Mountain region, Denver public lib. '58 126p annot

History and criticism

- British catalog of music; a record of music and bks. about music recently pub. in Great Britain. Council of the British nat. bibliog. See numbers
 Canadian library association. Preliminary list of 523 items; printed music, phonograph records, bks, periodicals. checking ed The association '58 p23-31
 Canadian music library association. Standards for music collections in medium-sized public libraries. Canadian lib. assn. '59 42p
 Duckles, Vincent, and others. Guide to reference materials on music. 3d ed (Univ. of Calif. syllabus ser) Univ. of Calif. '57 69, 6p
 Ewen, David. Encyclopedia of concert music. Hill & Wang '59 p555-66
 Grosbayne, Benjamin. Techniques of modern orchestral conducting. Harvard univ. press '56 p259-73
 Hazard, P. D. Windows on the world: the popular arts in the classroom. El Engl 34: 331-3 My '57 annot
 Lista de libros sobre música existentes en la Biblioteca nacional. R Bibl Nac s2 9:267-96 O '58
 McKinney, Howard Decker, and Anderson, William Robert. Music in history, the evolution of an art. Am. bk. '54 p873-9 annot
 —Same. 2d ed Am. bk. '57 p745-51 annot
 Preussner, Eberhard. Musikgeschichte des abendlandes; eine betrachtung für den musikliebhaber. 2d rev ed Brüder Hollinek '58 p675-92
 Sachs, Curt. Our musical heritage; a short history of music. 2d ed (Prentice-Hall music ser) Prentice-Hall '55 incl bibliog
 Tischler, Hans. Perceptive music listener. Prentice-Hall '55 p413-41
 Westrup, Jack Allan. Introduction to musical history. (Hutchinson's univ. lib: Music) Hutchinson '55 p 160-3 annot
 Young, Percy Marshall. Instrumental music. Roy pubs. '58 p63-5

Ancient

- Wellesz, Egon, ed. Ancient and oriental music. (New Oxford history of music, v 1) Oxford '57 p479-503

See also

Bible—Music

Medieval

See also

Motet

16th-17th centuries

- Davidsson, Åke. Catalogue critique et descriptif des ouvrages théoriques sur la musique imprimés au XVI^e et au XVII^e siècles et conservés dans les bibliothèques suédoises. (Studia musicologica upsaliensia, 2) Almqvist '53 83p
 Newman, William Stein. Sonata in the baroque era. Univ. of N.C. press '59 p393-434

20th century

- Howard, John Tasker, and Lyons, James. Modern music; a popular guide to greater musical enjoyment. rev ed Crowell '57 p 173-4

Instruction and study

- Allen, Lillian Mitchell. Present status of accredited music instruction in American universities. Catholic univ. of Am. press '54 p 117-24
 Andrews, Frances M. and Cockerille, Clara E. Your school music program; a guide to effective curriculum development. Prentice-Hall '58 p273-7
 Beach, E. E. Music education materials. J Res Music Educ 7:10-144 Spring '59 annot
 Bibliography of research studies in music education, 1949-1956. J Res Music Educ 5: 61-225 Fall '57
 Gildersleeve, G. Basic music bibliography. NEA J 44:301-2 My '55
 Music educators' national conference. Music in American education; a compendium of data, opinions and recommendations; comp. from the reps. of investigations, studies, and discussions conducted by the Music in Am. education coms. of the MENC during the period 1951-1954; with which is incl. sel. material from other sources; ed. by Hazel Nohavec Morgan. (Music education source bk. no2) The conference '55 incl bibliog
 Pierce, Anne Elise. Teaching music in the elementary school. Holt '59 incl bibliog
 Riley, M. W. Tentative bibliography of early wind instrument tutors. J Res Music Educ 6:3-24 Spring '58 annot
 See also
 Conducting
 Thorough bass

Manuscripts

- Becherini, Bianca. Catalogo dei manoscritti musicali della Biblioteca nazionale di Firenze. The author '59 320p
 Bengtsson, Ingmar, and Danielson, Ruben. Handstil och notpikturer i Kungl. musikaliska akademis Roman-samling. Handwriting and musical calligraphy in the J. H. Roman-coll. of the Swedish royal acad. of music; with an English summary. (Studia musicologica upsaliensia) Almqvist '55 p vii-viii
 Fuld, James J. Pictorial bibliography of the first edition of Stephen C. Foster. Musical Americana '57 25, 181p

Periodicals

- Kallmann, H. Check-list of Canadian periodicals in the field of music. Can Mus J 1:30-6 Winter '57
 Riedel, A. Répertoire des périodiques musicaux belges. (Bibliographia belgica, 8) Comm. belge de bibliog. '54 47p

Study and teaching

See Music—Instruction and study

Theory

- Davidsson, Åke. Catalogue critique et descriptif des ouvrages théoriques sur la musique imprimés au XVI^e et au XVII^e siècles et conservés dans les bibliothèques suédoises. (Studia musicologica upsaliensia, 2) Almqvist '53 83p
 See also
 Counterpoint

Therapeutic use

See Music therapy

Great Britain

- Elkin, Robert. Old concert rooms of London. Arnold '55 p 161-2
 Oxford. University. Bodleian library. English music; guide to an exhibition held in 1955. Oxford '55 40p
 Weiss, David G. Samuel Pepys, curioso. Univ. of Pittsburgh press '57 p 119-22

MUSIC—Continued

Russia

Olkhovsky, Andrey Vasilyevich. Music under the Soviets; the agony of an art. (Studies on the U.S.S.R., no 11; Praeger pubs. in Russian history and world communism, no 32) Praeger '55 p 315-98

Sweden

Davidsson, Ake. Studier rörande svenskt musiktryck före år 1750. Studien über den schwedischen musikdruck. (Studia musicologica upsaliensia, 5) Almqvist '57 p 160-4

United States

Barzun, Jacques. Music in American life; with a foreword by Edward N. Waters. Doubleday '56 p 121-2

MUSIC, American

Keats, S. Books on American music. Etude 75:20+ My '57

Kinsella, Hazel Gertrude. American index to the Musical quarterly, 1915-1957. J Res Music Educ 6:1-144 Fall '58

History and criticism

Howard, John Tasker, and Bellows, George Kent. Short history of music in America. Crowell '57 p 401-11

Paul, Elliot. That crazy American music. Bobbs '57 p 295-8

MUSIC, Ancient. See Music—History and criticism—Ancient

MUSIC, Effect of. See Music therapy

MUSIC, English

Mason, Dorothy E. Music in Elizabethan England. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-18 annot

Stevens, Denis. Thomas Tomkins, 1572-1656. Macmillan '57 p 197-201

MUSIC, French

France. Ambassade. United States. French music, bibliography. Cultural div. '54 16p

MUSIC, Greek (ancient) See Music, Greek and Roman

MUSIC, Greek and Roman

Martin, Emile. Trois documents de musique grecque; transcriptions commentées de: deuxième hymne delphique à Apollon, épithème de Seikilos (II^e s. ap. J. C.) et fragment d'un chœur d'Oreste d'Euripide. (Etudes et commentaires, 15) Klincksieck '53 p 61-4

MUSIC, Influence of

Taylor, I. A. and Paperte, F. Current theory and research in the effects of music on human behavior. J Aesthetics 17:257-8 D '58

See also

Music therapy

MUSIC, Italian

History

Marrocco, William Thomas. Music of Jacopo da Bologna. (Calif. Univ. Pubs. in music, v5) Univ. of Calif. press '54 p 161-2

MUSIC, Latin American

Handbook of Latin American studies, no 18 [-21] Univ. of Fla. press '55-'59 4v no 18, p 236-42; no 19, p 310-16; no 20, p 288-90; no 21, p 256-60 annot

MUSIC, Oriental

Wellesz, Egon, ed. Ancient and oriental music. (New Oxford history of music, v 1) Oxford '57 p 479-503

MUSIC, Polish

Michałowski, Kornel. Bibliografia polskiego piśmiennictwa muzycznego. (Materiały do bibliografii muzyki polskiej, v3) Polskie wydawn. muzyczne '55 280p

MUSIC, Primitive

Nettl, Bruno. Music in primitive culture. Harvard univ. press '56 p 145-66 annot

See also

Drum language

Indians of North America—Music

Indians of South America—Music

Music and race

MUSIC, Renaissance. See Music—History and criticism—16th-17th centuries

MUSIC, Roman. See Music, Greek and Roman

MUSIC, Russian

Leonard, Richard Anthony. History of Russian music. Macmillan '57 p 373-6

MUSIC, Slovak

Potúček, Juraj. Súpis slovenských hudobní a literatúry o hudobníkoch. Nakl. Slovenskej akadémie vied a umení '52 incl bibliog

MUSIC and drama

Ingram, R. W. Use of music in English miracle plays. Anglia 76 no 1:74-6 '57

MUSIC and literature

Lenhart, Charnenz S. Musical influence on American poetry. Univ. of Ga. press '56 p 314-26

See also

Music and drama

MUSIC and race

Current bibliography. See numbers of Ethnomusicology

Nettl, B. Historical aspects of ethnomusicology. Am Anthropol 60:531-2 Je '58

Rhodes, W. Toward a definition of ethnomusicology. Am Anthropol 58:462-3 Je '56

MUSIC education. See Music—Instruction and study

MUSIC in literature

Schoolfield, George C. Figure of the musician in German literature. (N.C. Univ. Studies in the Germanic languages and literatures, no 19) Univ. of N.C. press '56 p 197-200

MUSIC printing

Davidsson, Ake. Studier rörande svenskt musiktryck före år 1750. Studien über den schwedischen musikdruck. (Studia musicologica upsaliensia, 5) Almqvist '57 p 160-4

MUSIC rooms and equipment

Music educators' national conference. Committee on music rooms and equipment. Music buildings, rooms, and equipment; a rev. of Music education research council bul. no 17, prepared by the 1952-54 Committee. The conference '55 p 71-4

MUSIC therapy

National association for music therapy. Music therapy 1956; 6th bk. of proceedings of the Association, founded 1950; papers from the 7th annual conference Topeka, Kan; ed. E. Thayer Gaston [and others] The association '57 incl bibliog

Paul, R. and others. Music therapy for the mentally ill. J Gen Psychol 59:174-6; 62:316-18 O '58, Ap '60

MUSICAL ability

Kwalwasser, Jacob. Exploring the musical mind. Coleman-Ross '55 p 167-81

MUSICAL education. See Music—Instruction and study

MUSICAL form

See also

Fugue

MUSICAL instruments

Boalch, Donald H. Makers of the harpsichord and clavichord, 1440 to 1880. Macmillan '56 p 159-63

See also

Oboe

Organ

Piano

Wind instruments

MUSICAL instruments, Electric

Douglas, Alan Lockhart Monteith. Electrical production of music; with a foreword by H. Lowery. Philosophical lib. '57 p 217-20

MUSICAL reeds. See Reeds, Musical

MUSICAL research. See Musicology

MUSICIANS

Robertson, Alec. Music and musicians. (Reader's guides, 2d ser, 10) Nat. bk. league '56 31p annot

Schoolfield, George C. Figure of the musician in German literature. (N.C. Univ. Studies in the Germanic languages and literatures, no 19) Univ. of N.C. press '56 p 197-200

MUSICOLOGY

Grasberger, F. Dokumentation der musikwissenschaftlichen zeitschriftenliteratur. Biblos 7 no 2:59-62 '58

Joint committee of the Music teachers national association and the American musical society. Doctoral dissertations in musicology. The committee '52 82p

—Same. 2d ed. comp. by Helen Hewitt. Music teachers nat. assn. '58 86p

Northwestern university, Evanston, Illinois. School of music. Bibliography of research. School of music, Northwestern university: theses, projects, dissertations; ed. by Hazel E. Morgan. The school '58 47p

Potúček, Juraj. Súpis slovenských hudobno-teoretických prác; knižné publikácie, štúdie, články, kritiky a referáty. SAV '55 601p

See also

Music—History and criticism

MUSKHOGEAN Indians

See also
Seminole Indians

MUSKRATS

Sather, John Henry. *Biology of the Great Plains muskrat* in Nebraska. (Wildlife monographs, no2) Wildlife soc. '58 p33-5

MUSORSGSKII, Modest Petrovich, 1839-1881

Calvocoressi, Michel Dimitri. *Modest Musorsky; his life and works. Essential bks.* '56 p308-9

MUSSELS

Lubinsky, I. *Studies on mytilus edulis L. of the Calanus expeditions to Hudson Bay and Ungava Bay.* Can J Zool 36:879-81 D '58

MUSSELS, Fresh water

McMichael, D. F. and Hiscock, I. D. *Monograph of the freshwater mussels (mollusca: pelecypoda) of the Australian region. Australian J Marine & Freshwater Res* 9:498-502 S '58

MUSSET, Alfred de, 1810-1857

Blum, Arlette. *L'expression poétique des souvenirs chez Alfred de Musset. Éditions des presses du temps présent* '54 p92-5
Merliant, J. C. *Connaissance de Musset; esquisse d'un bilan.* Inf Litt 10:150-8; 11:1-9, 101-12 S '58, Ja, My '59
Paris. *Bibliothèque nationale. Alfred de Musset, 1810-1857; exposition organisée pour le centenaire de sa mort. The library* '57 110p

MUSSOLINI, Benito, 1883-1945

Pini, Giorgio and Susmel, Duilio. *Mussolini, l'uomo e l'opera.* La Fenice '53-'55 4v v 1, p479-86; v2, p479-91; v3, p499-513; v4, p629-38

MUSSORSGSKY, Modest Petrovich. See Musorsgskii, M. P.**MUTATION (bacteria)**

Beiser, S. M. and Davis, B. D. *Mucoid mutants of escherichia coli.* J Bact 74:307 S '57

Borek, E. and others. *Studies on a mutant of escherichia coli with unbalanced ribonucleic acid synthesis.* J Bact 71:322-3; 75:76 Mr '56, Ja '58

Brooke, S. and Magasanik, B. *Metabolism of purines in aerobacter aerogenes: a study of purineless mutants.* J Bact 68:732-3 D '54
Chase, M. and Doermann, A. H. *High negative interference over short segments of the genetic structure of bacteriophage T4.* Genetics 43:352-3 My '58

Grigg, G. W. *Competitive suppression and the detection of mutations in microbial populations.* Australian J Biol Sci 11:83-4 F '58

Morse, M. L. and others. *Transductional heterogenotes in escherichia coli.* Genetics 41:778-9 S '56

Ogg, J. E. and Zelle, M. R. *Isolation and characterization of a large cell possibly polyploid strain of escherichia coli.* J Bact 74:484 O '57

Payne, J. I. and others. *Cytological analysis of ultraviolet-irradiated escherichia coli.* J Bact 72:471-2 O '56

Weiss, E. and others. *Selection of a mutant strain of rickettsia prowazeki resistant to p-aminobenzoic acid.* J Bact 73:430 Mr '57

Zamenhof, S. and others. *Inactivation and unstabilization of the transforming principle by mutagenic agents.* J Bact 72:10-11 J '56

Zelle, M. R. and Ogg, J. E. *Radiation resistance and genetic segregation in a large cell possibly polyploid strain of escherichia coli.* J Bact 74:492-3 O '57

MUTATION (biology)

Abbott, U. K. and Asmudson, V. S. *Scaleless, an inherited ectodermal defect in the domestic fowl.* J Heredity 48:69-70 Mr '57

Alexander, M. L. *Mutation rates at specific autosomal loci in the mature and immature germ cells of drosophila melanogaster.* Genetics 39:427-8 My '54

Barker, J. S. F. and Davern, C. I. *Mutagenic action of formaldehyde on drosophila melanogaster.* Australian J Biol Sci 9:398-9 Ag '56

Demerec, M. *What is a gene?—twenty years later.* Am Natur 89:19-20 Ja '55

Fitch, N. *Embryological analysis of two mutants in the house mouse, both producing cleft palate.* J Exp Zool 136:356-7 N '57

Fung, S. T. C. and Gowen, J. W. *Developmental effect of a sex-limited gene in drosophila melanogaster.* J Exp Zool 134:531-2 Ap '57

Glass, B. *Comparative study of induced mutation in the oocytes and spermatozoa of drosophila melanogaster.* Genetics 40:266-7, 295-6 Mr '55

House, V. L. *Interaction of mutants affecting venation in drosophila melanogaster.* J Exp Zool 127:73-4 O '54

Lee, W. R. *Dosage response curve for radiation induced dominant lethal mutations in the honeybee.* Genetics 43:491-2 J '58

Lefevre, G. *Mutation isoclasses at the yellow locus in drosophila melanogaster.* Genetics 40:385-7 My '55

Merrell, D. J. and Underhill, J. C. *Competition between mutants in experimental populations of drosophila melanogaster.* Genetics 41:484-5 J '56

Parker, D. R. *Dominant lethal mutation in irradiated oocytes.* Tex Univ Pub no5914: 125-7 J '55

Von Borstel, R. C. *Differential response of meiotic stages in habrobracon eggs to nitrogen mustard.* Genetics 40:115-16 Ja '55

Ward, C. L. and Alexander, M. L. *Cytological analysis of X-ray-induced mutations at eight specific loci in the third chromosome of drosophila melanogaster.* Genetics 42:53-4 Ja '57

Welch, R. M. *Developmental analysis of the lethal mutant L(2) GL of drosophila melanogaster based on cytophotometric determination of nuclear desoxyribonucleic acid (DNA) content.* Genetics 42:558-9 S '57

Whiting, A. R. *Effects of oxygen on the frequency of X-ray-induced mutations in habrobracon eggs.* Genetics 39:857-8 N '54

Zwilling, E. and Ames, J. F. *Polydactyly, related defects and axial shifts—a critique.* Am Natur 92:265-6 S '58

See also

Phenocopy
Variation (biology)

MUTATION (botany)

Brock, R. D. *Mutation plant breeding.* Australian Inst Ag Sci J 23:50 Mr '57

Lawrence, T. *Production of mutations by the irradiation of Montcalm barley.* Can J Bot 33:529-30 N '55

Robertson, D. S. *Genetics of vivipary in maize.* Genetics 40:759-60 S '55

Smith, H. H. *Radiation in the production of useful mutations.* Bot R 24:19-24 Ja '58

Wetherell, D. F. and Krauss, R. W. *X-ray induced mutations in chlamydomonas eugametos.* Am J Bot 44:618-19 J '57

See also

Variation (botany)

MUTATION (fungi)

Boone, D. M. and others. *Venturia inaequalis (Cke.) Wint.* Am J Bot 43:204, 232-3, 834, 838; 44:795-6, 803 Mr, D '56, N '57

De Serres, F. J. and others. *Studies with purple adenine mutants in neurospora crassa.* Genetics 41:676; 42:616-17; 43:204-6 S '56, S '57, Mr '58

MUTUAL benefit societies. See Benefit societies**MUTUAL funds. See Investment companies****MUTUAL security program, 1951-**

See also

Military assistance, American

MYCENAE

Mylonas, George Emmanuel. *Ancient Mycenae: the capital city of Agamemnon.* (Page-Barbour lectures, 1955) Princeton Univ. press '57 p 185-9

MYCENAEAN civilization. See Civilization, Mycenaean**MYCOBACTERIUM**

Goldman, D. S. *Enzyme systems in the mycobacteria.* J Bact 71:735-6; 72:405; 73:606-7 Je, S '56, My '57

MYCOLOGY. See Fungi; Medical mycology**MYOGRAPHY**

Williams, D. E. *Masseter muscle action potentials in stuttered and non-stuttered speech.* J Speech & Hear Dis 20:260-1 S '55

MYOLOGY. See Muscles**MYRIAPODA**

Cloudsley-Thompson, J. L. *Spiders, scorpions, centipedes, and mites: the ecology and natural history of woodlice, myriapods, and arachnids.* Pergamon '58 incl bibliog

MYSIDACEA

Gordan, Joan. *Bibliography of the order mysidacea.* (Bul, v 112, article 4) Am. museum of natural history '57 p283-393

MYSTERY plays. See *Miracle, morality and mystery plays*
MYSTERY stories. See *Detective and mystery stories*

MYSTICISM

Behn, Irene. *Spanische mystik; darstellung und deutung*. Patmos-verlag '57 p791-2
 Goré, Jeanne Lydie. *L'itinéraire de Fénelon: humanisme et spiritualité*. (Grenoble. Univ. Faculté des lettres. Pubs. 17) Presses univ. de France '57 p731-44
 Gregg, Richard Bartlett. *Self beyond yourself*. Lippincott '56 p275-80
 Peuckert, W. E. *Die zweite mystik; ein forschungsbericht*. Deutsch Vierteljahrs Literaturw & Geistesgesch 32:286-304 Mr '58
 Roques, René. *L'univers dionysien; structure hiérarchique du monde selon le Pseudo-Denys*. (Théologie, 29) Aubier '54 p7-28
 Ruh, K. *Altdeutsche mystik; ein forschungsbericht*. *Wirkendes Wort* 7:135-46, 212-31 F-Ap '57

MYTHICAL animals. See *Animals, Mythical*
MYTHOLOGY

Diehl, Katharine Smith. *Religions, mythologies, folklores*; an annot. bibliography. *Scarecrow* '56 315p
 James, Edwin Oliver. *Cult of the mother-goddess; an archaeological and documentary study*. Praeger '59 p287-92
 James, Edwin Oliver. *Myth and ritual in the ancient Near East; an archeological and documentary study*. Praeger '58 p338-46
 Jockel, Rudolf, ed. *Götter und dämonen; mythen der völker*. Holle '53 p623-35
 Leach, Maria. *Beginning creation myths around the world*. Funk '56 p247-51
 Monberg, T. *Ta'aroa in the creation myths of the Society islands*. *Polynesian Soc J* 65: 280-1 S '56

See also

Demythologization
 Fire (in religion, folklore, etc)
 Indians of North America—Religion and mythology
 Indians of South America—Religion and mythology

Juvenile literature

Fahs, Sophia Blanche (Lyon) and Spoerl, Dorothy T. *Beginnings: earth, sky, life, death; stories, ancient and modern*. Beacon press '58 p214-17 annot

MYTHOLOGY, Greek

Buffière, Félix. *Les mythes d'Homère et la pensée grecque*. (Coll. d'études anciennes publiée sous le patronage de l'Association Guillaume Budé) Les Belles lettres '56 p633-42

MYXOMA, Infectious

Thompson, Harry Vassie, and Worden, Alastair Norman. *Rabbit; with an app. on legal aspects by Valerie Worrall*. (New naturalist special volume) Collins '56 p226-32
 Thompson, H. V. *Rabbit disease: myxomatosis*. *Ann Ap Biol* 41:365-6 Je '54

MYXOMYCETES

Bonner, John Tyler. *Cellular slime molds*. (Investigations in the biological sciences, no 1) Princeton univ. press '59 p 135-46
 Shaffer, B. M. *Aspects of aggregation in cellular slime moulds*. *Am Natur* 91:33-5 Ja '57

See also

Plasmodiophora brassicae

N**NADAL, Gerónimo, 1507-1580**

Conwell, Joseph F. *Contemplation in action; a study in Ignatian prayer*. Gonzaga univ. '57 p 108-11

NADAI, Siegfried Frederick, 1903-1956

Firth, R. Siegfried Frederick Nadel, 1903-1956. *Am Anth* 59:122-4 F '57

NAMES

Bibliographia onomastica, 1951[-1955] *Onoma* 3:123-96; 4:135-240; 5:143-273; 6 no2:177-289; 7 no 1:1-126 '52-'56/'57
Bibliographie onomastique. *Onoma* 1:1-89; 2: 1-69; 3:1-80; 4:1-93; 5:1-77; 6 no3:1-67 (at end) '50-'55/'56

Periodicals

Onomastic periodicals. See *numbers of Onoma*

NAMES, Geographical

Aurousseau, Marcel. *Rendering of geographical names*. (Hutchinson univ. lib: Geography) *Rinehart* '57 p 113-28
 Eichler, E. *Slawistische und germano-slawistische arbeiten zur namenforschung aus der DDR*. *Z Slawistik* 1 no 1:138-9; 2 no2: 255-6 '56-'57

Denmark

Houken, Aage. *Håndbog i danske stednavne*. Rosenkilde & Bagger '56 p298-300

Germany

Bach, Adolf. *Deutsche namenkunde*. 2d enl ed C. Winter '52-'56 3v incl bibliog
 Bielek, J. and Schall, H. *Slawische ortsnamen aus Mecklenburg*. *Z Slawistik* 2 no2:203-5 '57
 Boesch, B. *Deutsche namenskunde; ein bericht über neuerscheinungen der letzten jahre*. *Wirkendes Wort* 7:1-13 N '56

Italy

Battisti, Carlo, ed. *Miscellanea di studi linguistici in ricordo di Ettore Tolomei*. (Biblioteca dell' Archivum romanicum. Ser2: Linguistica, v27) Olshchl '53 p xxi-lxiii

North America

Seely, P. A. and Sealock, R. B. *Place name literature, United States and Alaska, 1946-1951*. *Names* 6:26-50 Mr '58 annot
 Seely, P. A. and Sealock, R. B. *Place name literature, United States and Canada, 1952-1954*. *Names* 3:102-16 Je '55

Picardy

Dubois, Raymond. *Le domaine picard, délimitation et carte systématique dressée pour servir à l'inventaire général du picard et autres travaux de géographie linguistique*. Archives du Pas-de-Calais '57 p37-47

Switzerland

Hubschmid, Johannes. *Bibliographia onomastica helvetica*. *Bibliotheca nationalis* '54 50p

NAMES, Personal

Bach, Adolf. *Deutsche namenkunde*. 2d enl ed C. Winter '52-'56 3v incl bibliog
 Eichler, E. *Slawistische und germano-slawistische arbeiten zur namenforschung aus der DDR*. *Z Slawistik* 1 no 1:138-9; 2 no2: 255-6 '56-'57
 Hubschmid, Johannes. *Bibliographia onomastica helvetica*. *Bibliotheca nationalis* '54 50p
Literature on personal names in English, 1954[-1957] *Names* 3:117-22 4:122-6; 5:89-93; 6:234-40 Je '55, Je '56, Je '57, D '58
 Mockler, W. E. *Surnames of trans-Allegheny Virginia, 1750-1800*. *Names* 4:114-18 Je '56
 Schlaug, Wilhelm. *Studien zu den altsächsischen personennamen des 11. und 12. jahrhunderts*. (Lunder germanistische forschungen, 30) Gleerup '55 p241-8
 Schramm, Gottfried. *Namenschatz und dichtersprache; studien zu den zweigliedrigen personennamen der Germanen*. (Zeitschrift für vergleichende sprachforschung auf dem gebiete der indogermanischen sprachen. Supps, no 15) Vandenhoeck & Ruprecht '57 p 174-6

NAMUR, Belgium

Dulière, André. *Les fantômes des rues de Namur*. Impr. Vers l'avenir '56 incl bibliog

NANTUCKET, Massachusetts

Blanchard, Dorothy C. A. *Nantucket landfall*. Dodd '56 p236-41

Gilbreth, Frank Bunken. *Of whales and women; one man's view of Nantucket history*. Crowell '56 p239-42

NAPHTHALENE

Donaldson, Norman. *Chemistry and technology of naphthalene compounds*. St Martin's '58 incl bibliog

NAPHTHOLS

Improvement of crock fastness in naphtholdyed fabrics. *Am Dyestuff Rep* 45:308 My '56

NAPLES (kingdom)**History**

Acton, Harold Mario Mitchel. *Bourbons of Naples (1734-1825)* St Martin's '56 p703-10

Sources

Spain. *Archivo general de Simancas*. Catálogo XXI. *Secretaría de estado; reino de las dos Sicilias, siglo XVIII*; redactado por Ricardo Magdaleno Redondo; introd. por Vicente Palacio Atard. Casa Martín '56 542p

- NAPOLEON I, emperor of the French, 1769-1821**
 Butterfield, Herbert. Napoleon. (Great lives) Macmillan '56 p 139-43 annot
 Dowd, David L. Napoleon: was he the heir of the revolution? (Source problems in world civilization) Rinehart '57 p59-60
 Korngold, Ralph. Last years of Napoleon; his captivity on St Helena. Harcourt '59 p415-19
 Savant, Jean, ed. Napoleon in his time; tr. from the French by Katherine John. Nelson '58 p421-4
- NAPOLEON III, emperor of the French, 1808-1873**
 Maurois, Simone (Arman de Caillavet). Miss Howard and the emperor; tr. from the French by Humphrey Hare. Knopf '57 p203-7
 Zeldin, Theodore. Political system of Napoleon III. St Martins '68 p 177-87 annot
- NARCISSUS**
 Great Britain. Ministry of agriculture, fisheries and food. Narcissus pests. (Bul. no51) H.M.S.O. '58 p36-7
- NARCOANALYSIS**
 Rolin, Jean. Police drugs; tr. with a foreword, by Laurence J. Bendit; with an app. on narco-analysis by Edward V. Saher. Philosophical lib. '56 p 190-4
- NARCOTIC habit.** See Drug habit
- NARCOTICS**
 United States. Armed forces medical library. Reference division. Narcotic addiction; a list of references. The library '55 6p
 Wikler, Abraham. Opiates and opiate antagonists; a review of their mechanisms of action in relation to clinical problems. (Pub. no589; Public health monograph no 52) U.S. Public health service '58 p32-8
See also
 Morphine
 Narcoanalysis
- NARDI, Bruno**
 Rome (city). Università. Istituto di filosofia. Medioevo e rinascimento; studi in onore di Bruno Nardi. (Pubblicazioni, 1-2) Sansoni '55 2v v2, p905-27
- NASH, Paul, 1889-1946**
 Bertram, Anthony. Paul Nash; the portrait of an artist. Faber '55 p308-17
- NATALI, Giulio, 1875-**
 Catania. Università. Bibliografia degli scritti di Giulio Natali; più di sessant'anni d'interrotta attività letteraria; con pref. di Michele La Rosa. Comitato univ. magistero Catania '55 99p
- NATIONAL association for the advancement of colored people**
 St James, Warren D. National association for the advancement of colored people: a case study in pressure groups; foreword by Ulysses S. Donaldson. Exposition '58 p248-52
- NATIONAL characteristics, American**
 Burns, Edward McNall. American idea of mission; concepts of nat. purpose and destiny. Rutgers univ. press '57 p363-9
 Knoles, George Harmon. Jazz age revisited: British criticism of Am. civilization during the 1920's. (Stanford univ. Pubs. Univ. ser: History, economics, and political science, v 11) Stanford univ. press '55 p 139-64 annot
 Smith, Bradford. Why we behave like Americans; assisted by Marion Collins Smith. Lippincott '57 p309-13
- NATIONAL characteristics, Russian**
 Reshetar, John Stephen. Problems of analyzing and predicting Soviet behavior. (Double-day short studies in political science, no 17. Scope and method ser) Doubleday '55 p63-9
- NATIONAL citizens council for better schools**
 Corbally, J. E. National citizens commission for the public schools [bibliog. by R. E. Seeger] Educ Res Bul 35:144-6 S '56
- NATIONAL civic federation**
 Green, Marguerite. National civic federation and the American labor movement, 1900-1925. Catholic univ. of Am. press '56 p507-25
- NATIONAL debts.** See Debts, Public
- NATIONAL defense.** See United States—Defenses
- NATIONAL farmers alliance.** See Farmers alliance
- NATIONAL libraries.** See Libraries, National
- NATIONAL nonpartisan league**
 Morlan, Robert Loren. Political prairie fire; the Nonpartisan league, 1915-1922. Univ. of Minn. press '55 p391-402

NATIONAL parks and reserves

United States

- Butcher, Devereux. Exploring our national parks and monuments. 5th ed Houghton '56 incl bibliog
 Shankland, Robert. Steve Mather of the National parks; introd. by Gilbert Grosvenor. 2d ed rev & enl Knopf '54 incl bibliog
 United States. Superintendent of documents. National parks, historic sites, national monuments. (Price list 35, 38th ed) U.S. Gov. ptrg. office '58 11p
- NATIONAL socialism**
 Reitlinger, Gerald. SS alibi of a nation, 1922-1945. Viking '57 p455-60
 Schöffer, Ivo. Het nationaal-socialistische beeld van de geschiedenis der Nederlanden; een historische en bibliografische studie. Van Loghum Slaterus '56 incl bibliog
 Snell, John L. ed. Nazi revolution: Germany's guilt or Germany's fate? (Problems in European civilization) Heath '59 p94-7 annot
 Tenenbaum, Joseph. Race and Reich; the story of an epoch. Twayne '56 p503-24
See also
 Anti-Nazi movement
 Totalitarianism
- NATIONALISM and nationality**
 Coleman, James Smoot. Nigeria; background to nationalism. Univ. of Calif. press '58 p481-96
 Decker, Günter. Das selbstbestimmungsrecht der nationen. Schwartz '55 p397-424
 Deutsch, Karl Wolfgang. Interdisciplinary bibliography on nationalism. Technology press of M.I.T. '56 165p
 Higham, John. Strangers in the land; patterns of Am. nativism, 1860-1925. Rutgers univ. press '55 p399-411 annot
 Hodgkin, Thomas Lionel. Nationalism in colonial Africa. N.Y. univ. press '57 p 191-206
 Neurohr, Jean Frederic. Der myθος vom Dritten reich; zur geistesgeschichte des nationalsozialismus. Cotta '57 p274-6
 Shafer, Boyd Carlisle. Nationalism: myth and reality. Harcourt '55 p295-314
 Starner, F. A. Problems of Philippine nationalism. Philippine Social Sci & Humanities R 22:296-3 S '57
 Storry, Richard. Double patriots; a study of Japanese nationalism. Houghton '57 p303-7 annot
 Weber, Eugen Joseph. Nationalist revival in France, 1905-1914. (Calif. Univ. Pubs. in history, v60) Univ. of Calif. press '59 p201-16 annot
See also
 Minorities
 Panславism
 Self determination, National
- NATIONALIZATION of industry.** See Government ownership
- NATIVE races**
 Mannoni, Dominique O. Prospero and Caliban; the psychology of colonization; tr. by Pamela Powesland; with a foreword by Philip Mason. (Bks. that matter) Praeger '56 p210-14
- NATIVISTIC movements**
 Wallace, A. F. C. Revitalization movements. Am Anthropol 58:280-1 Ap '56
- NATO.** See North Atlantic treaty organization
- NATURAL childbirth.** See Childbirth—Psychology
- NATURAL history**
 Book of popular science. Grolier soc. '57 10v v 10, p4085-4110
 Pacific science congress, 9th. Bangkok, 1957 (Documents of the symposium on bibliographic problems in the natural sciences in the Pacific, Nov. 27, 1957). The congress '57 16v
 Peattie, Donald Culross. Rainbow book of nature. World pub. '57 p300-17 annot
 Prague. Universita Karlova. Knihovna. Co číst o živé přírodě; výběrový seznam literatury, 1953-1957; sest. Helena Winklerová. (Čteme a studujeme, 1957, no 10) The library '57 31p
 Stageman, Peter. Bibliography of the first editions of Philip Henry Gosse; with introd. essays by Sacheverell Sitwell and Geoffrey Lapage. Golden Head press '55 87p

NATURAL history—*Continued*

Wagstaffe, Reginald, and Fidler, John Have-lock, eds. Preservation of natural history specimens. Philosophical lib. '55 incl bibliog

See also

Animal lore
Biology
Botany
Geology
Marine biology
Mineralogy
Paleontology
Zoology

History

California academy of sciences, San Francisco. Century of progress in the natural sciences, 1853-1953. The academy '55 incl bibliog

Periodicals

Directory of Japanese learned periodicals, 1957; pt2. Natural and medical sciences; comp. by Nat. Diet library. Lib. bur. '57 33p

Study and teaching

See also

Nature study

Alaska

Barrow, Henry D. Paradise north: an Alaskan year. Dial press '56 p237-42

Austria

Arnberger, Erik, and others, eds. Ein buch vom Wienerwald, vom wesen und der gestaltung seiner landschaft. Verlag für jugend & volk '52 p213-22

California

Jaeger, Edmund Carroll. California deserts; with chapters by S. Stillman Berry and Malcolm J. Rogers. 3d ed Stanford univ. press '55 p 199-203

Greenland

Koch, Lauge. Literature from the Danish East Greenland expeditions published in the Meddelelser om Grønland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 143, no3) C. A. Reitzel '54 20p

Patagonia

Feruglio, Egidio. Descripción geológica de la Patagonia. Casa editora Coni '49-'50 3v v3, p283-331

South

Bartram, William. Travels; ed. with commentary and annot. index by Francis Harper. naturalist's ed. Yale univ. press '58 p668-89

Tropics

United Nations educational scientific and cultural organization. Problems of humid tropical regions. Problèmes des régions tropicales humides. (Humid tropics research) The organization '58 incl bibliog

Venezuela

Sociedad de ciencias naturales La Salle, Caracas. La región de Perijá y sus habitantes. (Maracaibo, Venezuela. Univ. del Zulia. Pubs.) The society '53 incl bibliog

NATURAL law

Funk, Josef. Primat des naturrechtes: die transzendenz des naturrechtes gegenüber dem positiven recht. (St-Gabriel studien, v 13) St-Gabriel-verlag '52 p342-7

Ritter, Klaus. Zwischen naturrecht und rechtspositivismus; eine erkenntnistheoretische auseinandersetzung mit den neuen versuchen zur wiederherstellung einer rechtsmetaphysik; mit einem vorwort von Hans Dombols. (Glaube und forschung 10) Luther-verlag '56 p 119-28

Stanlis, Peter J. Edmund Burke and the natural law. Univ. of Mich. press '58 p259-64

NATURAL resources

Brown, Harrison Scott, and others. Next hundred years; man's natural and technological resources; a discussion prepared for leaders of Am. industry. Viking '57 p 177-84

Dasmann, Raymond Frederick. Environmental conservation. Wiley '59 incl bibliog

Doane, Robert Rutherford. World balance sheet; a comprehensive, inventoried examination covering the extent, distribution, and relative depletion of the world's physical resources in relation to their present rate of consumption, their monetary counterpart valuation, and the population, showing comparative changes over a seventy-year period—in double entry-form, revealing where-from and where-to. Harper '57 p242-6

Joint council on economic education. Economic problems of natural resource use, by William H. Stead; Thinking and talking it over study guide, by George L. Fresh. The council '57 p60-4 annot

Michigan. Department of conservation. Division of education. Where and how to obtain free and inexpensive bulletins, books, and visual aids; prepared by R. D. Burroughs. The division '54 29p

—Same. The division '55 30p

Migliorini, Elio. La terra e le sue risorse; lezioni di geografia economica. Pironti '54 p237-48

Mouzon, Olin T. International resources and national policy. Harper '59 p713-31

Pithawalla, Manekji Bejanji. Problem of Baluchistan: development and conservation of water resources, soils and natural vegetation. Ministry of economic affairs, Gov. of Pakistan '53 p 153-62

United States. Forest service. Some references on forests and related natural resources. U.S. Gov. ptg. office '58 16p

See also

Conservation of resources
Fisheries
Forests and forestry
Minerals
Mines and mineral resources
Power resources
Water resources development
Water supply

Illinois

Beimfohr, Oliver Wendell. Industrial potential of southern Illinois. (Southern Ill. ser, no 1) Southern Ill. univ. '54 p 134-8

Latin America

Pan American institute of geography and history. Los estudios sobre los recursos naturales en las Américas. The institute '53-'54 6v in 7 incl bibliog

Minnesota

Martinson, Flora, and Peterson, Alice. Resource guide for the study of Minnesota; a bibliog. of suggested enrichment materials to sup. the State of Minn. Dept. of education pub. A guide for instruction in the social studies. Curriculum bul. no 6; ed. by Joanna Oyaas. Minn. state-wide centennial comm. '57 120p

North Carolina

Colby, Mary (McRae). Geographic structure of southeastern North Carolina. (Research paper, no58) Dept. of geography, Univ. of Chicago '58 p220-6

United States

Smith, Guy Harold, ed. Conservation of natural resources; contributors: Charles A. Dambach [and others] 2d ed Wiley '58 incl bibliog

Workshop in conservation education, University of Washington, 1952. Conservation education in the public schools; report. College of education, Univ. of Wash. '52 incl bibliog

Wisconsin

Larsen, James A. ed. Wisconsin's renewable resources; a rep. on research at the Univ. of Wisconsin. Univ. of Wis. '57 incl bibliog

NATURAL selection

Commemoration of the centennial of the publication of the Origin of species by Charles Darwin. Am. Philos Soc Proc 103:159-319 Ap '59 incl bibliog

Loewenberg, Bert James. Darwin, Wallace, and the theory of natural selection, including the Linnean society papers. Cinamon '57 p94-7

NATURAL selection—*Continued*

- Natural selection in man; papers of the Wenner-Gren supper conference, University of Michigan, April 12, 1957, by James F. Crow [and others] arr. by J. N. Spuhler. (Am. anthropological assn. Memoir no86; Am. anthropologist, v60, no 1, pt2) Wayne state univ. press; Am. anthropological assn. '58 incl bibliog
- Williamson, M. H. Selection, controlling factors and polymorphism. *Am Natur* 92:334-5 N '58
- Wright, S. Modes of selection. *Am Natur* 90:23-4 Ja '56
- See also*
- Origin of species
- Struggle for existence

NATURAL theology

- Holloway, Maurice Redmond. Introduction to natural theology. Appleton '59 incl bibliog
- Philipp, Wolfgang. Das werden der aufklärung in theologieggeschichtlicher sicht. (Forschungen zur systematischen theologie und religionsphilosophie, v3) Vandenhoeck & Ruprecht '57 p 186-218
- See also*

Philosophy of nature

NATURE

- Huth, Hans. Nature and the American; three centuries of changing attitudes. Univ. of Calif. press '57 p229-38

NATURE, Human. *See* Human natureNATURE, Philosophy of. *See* Philosophy of nature

NATURE study

- Brown, Vinson. How to make a miniature zoo. Little '56 p 197-204 annot
- Gantz, Charlotte Orr. Discovering nature; an intro. to the world outside. Scribner '58 p227-39 annot
- Mathews, M. V. D. Nature and books. *N Y Pub Lib Br Lib Bk News* 33:51-8 Je '56 annot
- Sauer, Pauline L. Nature study equipment, how to make and use it. rev ed (Educational service pub., no 14) Iowa state teachers college '55 p36-8 annot

See also

Animals—Habits and behavior

Birds

Juvenile literature

- Buck, Margaret Waring. In ponds and streams. Abingdon '55 p72

NAUMANN, Friedrich, 1860-1919

- Milatz, A. Friedrich-Naumann-bibliographie; hrsg. von der Kommission für geschichte des parlamentarismus und der politischen parteien. (Bibliog. zur geschichte des parlamentarismus und der politischen parteien, no2) Droste-verlag '57 177p

NAUMANN, Johann Friedrich, 1780-1857

- Thomsen, Peter. Johann Friedrich Naumann, der altmeister der deutschen vogelkunde; sein leben und seine werke; nach des verfassers tode bearb. und ergänzt von Erwin Stresemann. (Lebensdarstellungen deutscher naturforscher, no6) Barth '57 p201-3

NAUTICAL charts

- Finland. Sjöfartsstyrelsen. Sjökartavdelningen. Merikarttaluettelo. Catalogue of Finnish charts. The division '56 16p
- Hamburg. Deutsches hydrographisches institut. Verzeichnis der nautischen karten und bücher; abgeschlossen am 31. 7. 1955. The institute '55 96p
- Norway. Sjøkartverket. Katalog over sjøkart (chart catalogue) og farvannsbeskrivelser, vedkommende den norske kyst m. v. samt arktiske sjøkart og farvannsbeskrivelser. Norsk polarinstitutt '52 14p

NAUTICAL terms. *See* Naval art and science—Terminology

NAUTILOIDEA, Fossil

- Kummel, Bernhard. Post-triassic nautiloid genera. (Bul. v 114, no7) Museum of comparative zoology '56 p469-94
- McGowan, B. Tertiary nautiloids (eutrephoceras and cimomia) from south Australia. *J Paleont* 33:447-8 My '59
- Sweet, W. C. Muscle-attachment impressions in some paleozoic nautiloid cephalopods. *J Paleont* 33:303-4 Mr '59

NAVAHO Indians

- Albert, E. M. Classification of values: a method and illustration. *Am Anthropol* 58:245-8 Ap '56
- Darby, W. J. and others. Study of the dietary background and nutriture of the Navaho Indian. *J Nutrition* 60 sup 2:31-5. N '56

- Ladd, John. Structure of a moral code; a philosophical analysis of ethical discourse applied to the ethics of the Navaho Indians. Harvard univ. press '57 p427-36

- Link, Margaret Schevill. Pollen path; a coll. of Navajo myths retold; with a psychological commentary by Joseph L. Henderson. Stanford univ. press '56 p203-5

- Mills, George Thompson. Navaho art and culture. Colorado Springs fine arts center '59 p212-21 annot

- O'Bryan, Aileen. Diné; origin myths of the Navaho Indians. (U.S. Bur. of Am. ethnology. Bul. 163) U.S. Gov. ptg. office '56 p 185-7

- Spencer, Katherine. Mythology and values; an analysis of Navaho chantway myths. (Memoirs, v48) Am. folklore soc. '57 p235-40

- Underhill, Ruth Murray. Here come the Navaho! a history of the largest Indian tribe in the United States; ed. by Willard W. Beatty. (Indian life and customs, 8) U.S. Bur. of Indian affairs '5-? p279-85

- Underhill, Ruth Murray. Navajos. (Civilization of the Am. Indian ser, v43) Univ. of Okla. press '56 p275-88

- Wilken, Robert L. Anselm Weber, O. F. M. missionary to the Navaho, 1898-1921. Bruce pub. '55 p235-48

- Wyman, Leland Clifton, ed. Beautyway: a Navaho ceremonial; myth recorded and tr. by Berard Haile. (Bollingen ser, 53) Pantheon bks. '57 p 199-201

NAVAL architecture

- Heller, S. R. On the adequacy of the longitudinal strength calculation. *Am Soc Naval Eng J* 71:81 F '59
- Muckle, William. Modern naval architecture. Philosophical lib. '56 p 149-50

See also

- Boat building
- Hulls (naval architecture)
- Marine engineering
- Shipbuilding

NAVAL art and science

- Institution of naval architects, London. Catalogue of the Scott collection of books, manuscripts, prints and drawings; comp. by Betty M. Cooper. The institute '54 191p

- United States. Superintendent of documents. Navy. (Price list 63, 38th ed) U.S. Gov. ptg. office '59 15p

See also

- Military art and science
- Navigation
- Shipbuilding
- Submarine warfare

Study and teaching

See Naval education

Terminology

- Lovette, Leland Pearson. Naval customs, traditions & usage. 4th ed U.S. Naval inst. '59 p340-5

NAVAL construction. *See* Naval architecture

NAVAL education

United States

- United States. Bureau of naval personnel. Training publications for advancement in rating. The bureau '58 43p

NAVAL engineering. *See* Marine engineering

NAVAL history

- Albert, Marvin H. Broadships & boards. Appleton '57 p357-60
- Albion, Robert Greenhalgh. Maritime and naval history; an annot. bibliography. rev ed Marine historical assn. '55 94p
- Potter, Elmer Belmont, and Fredland, John Roger, eds. United States and world sea power; auths: Henry H. Adams [and others] Prentice-Hall '55 p923-38
- Willers, Uno Erik Wilhelm. Svensk sjöhistorisk litteratur, 1800-1943; bibliografi utarb. på uppdrag av Sjöhistoriska samfundet. Sjöhistoriska samfundet '56 211p

See also

- Military history
- Pirates
- Vikings

NAVAL research

- United States. Naval research laboratory. Bellevue, D.C. Engineering psychology branch. Engineering psychology branch bibliography; comp. by Daniel Fallon. The laboratory '57 17p

NAVAL schools. See Naval education
NAVAL uniforms. See Uniforms, Military

NAVARRE (province)

Floristán Samanes, Alfredo. La ribera tudelana de Navarra. Inst. Juan Sebastián Elcano; Inst. Príncipe de Viana; Diputación foral de Navarra, Consejo superior de investigaciones científicas '51 p293-303

NAVIGATION

New York (state). Maritime college. Maritima. The college. See numbers

Parks, G. B. Contents and sources of Ramusio's Navigationi. N Y Pub Lib Bul 59:279-313 Je '55 annot

Taylor, Eva Germaine Rimington. Haven-finding art; a history of navigation from Odysseus to Captain Cook; with a foreword by K. St. B. Collins. Abelard-Schuman '57 p264-6

See also

Harbors
Knots and splices
Nautical charts
Ocean currents
Radar
Sounding
Tides

History

Waters, David Watkin. Art of navigation in England in Elizabethan and early Stuart times; with a foreword by Earl Mountbatten of Burma. Yale univ. press '58 p597-628

NAVIGATION (aeronautics)

Meine, Karl Heinz, and Reents, Eduard. Die neuzeitlichen luftfahrtkarten und ihre anwendungsbereiche. Eisenschmidt '57 p 145-8

Weems, Philip Van Horn. Air navigation. 4th ed Weems system '55 p459-63 annot

NAVIGATION, Inland. See Inland navigation

NAWIASKY, Hans, 1880-

Maunz, Theodor, ed. Vom Bonner grundgesetz zur gesamtdeutschen verfassung; festschrift zum 75. geburtstag von Hans Nawiasky [bibliog. by H. F. Zacher] Isar verlag '56 p431-46

NAZISM. See Fascism

NEAR EAST. See Middle East

NEBRASKA

History

Nebraska state historical society. Index-guide to the contents of the Publications, 1885-1956, and the Magazine, 1918-1958; comp. by John Browning White. (Pubs. v24) The society '58 141p

White, John Browning. Published sources on Territorial Nebraska; an essay and bibliography. (Pubs. v23) Nebraska state historical society '56 p25-242 annot

NEBULAE

Vorontsov-Vel'iaminov, Boris Aleksandrovich. Gasnebel und neue sterne; redaktion der deutschen übers: Otto Singer; ins deutsche übertragen von F. Bartels [and others] (Sowjetwissenschaft. Sup 41) Verlag kultur & fortschritt '53 p635-85

NECK

Werne, Sven. Studies in spontaneous atlas dislocation [tr. by L. James Brown] (Acta orthopaedica, scandinavica. Sup. no23) Munksgaard '57 p 145-50

NECROSIS

Häuptli, Othmar. Die aseptischen chondro-osteonekrosen. (Chirurgie in einzeldarstellungen, v 18) W. de Gruyter '54 p 181-227

NEEDLEWORK

See also

Dressmaking

NEGEV

Evenari, M. and others. Ancient desert agriculture of the Negev. Israel Explor J 8 no4:251-2 '58

NEGEV. See Negev

NEGritos

Genet-Varcin, E. Les Négritos de l'île de Luçon, Philippines. Masson '51 p247-56

Rahmann, R. and Maceda, M. N. Notes on the Negritos of northern Negros. Anthropos 50 no 4/6:833-5 '55

Schebesta, Paul. Die Negrito Asiens. (His Die Pygmäenvölker der erde. reihe 2; Anthropos inst. Studia, 6, 12-13) St Gabriel-verlag '52-'57 2v in 3 v 1, p481-8; v2 pt 1, p 335-7; v2 pt 2, p 334-6

NEGRO colleges. See Negroes in the United States—Education

NEGRO literature

Bone, Robert A. Negro novel in America. (Yale pubs. in Am. studies, 3) Yale univ. press '58 p233-43

Books by Negro authors in 1955[-1958] Crisis 63:86-93; 64:76-82; 65:81-6; 66:83-9 F '56, F '57, F '58, F '59

Critical summary of literature by and about Negroes, 1955[-1958] Phylon Q 17:35-40; 18:7-24; 19:143-53. 247-57; 20:115-31 Mr '56, Ap '57, Ji-O '58, Je '59

Whiteman, Maxwell. Century of fiction by American Negroes, 1853-1952; a descriptive bibliography. The author '55 64p

Bibliography

Kessler, S. H. American Negro literature; a bibliog. guide. Bul Bibliog 21:181-5 S '55 annot

History and criticism

Bone, Robert A. Negro novel in America. (Yale pubs. in Am. studies, 3) Yale univ. press '58 p243-50

NEGRO sculpture. See Sculpture, Negro

NEGRO tales

Dorson, Richard Mercer. Negro tales from Pine Bluff, Arkansas, and Calvin, Michigan. (Ind. Univ. Pubs: Folklore ser, no 12) Ind. univ. press '58 p289-92

NEGROES

Bibliography of recent publications on Negro history. See numbers of Journal of Negro history

Central state college, Wilberforce, Ohio. Hallie Q. Brown library. Index to selected Negro periodicals. The library. See numbers DeGraft-Johnson, John Coleman. African glory; the story of vanished Negro civilizations. (Bks. that matter) Praeger '55 p 195-202

Karon, Bertram P. Negro personality; a rigorous investigation of the effects of culture; foreword by Silvan S. Tomkins. Springer pub. '58 p 176-7

Negro; a selected bibliography; 1956[-1959] sups. to the 7th rev. ed, comp. by Dorothy R. Homer and Evelyn B. Robinson. N.Y. Public lib. '56-'59 4v

Richard B. Harrison public library, Raleigh, North Carolina. Selected list of books by and about the Negro, 1950-1956. The library '57? 26p

Folklore

See Folklore, Negro

Juvenile literature

Baker, Augusta (Braxton). Books about Negro life for children. N.Y. Public lib. '57 24p annot

Rollins, C. Books about Negroes for children. ALA Bul 53:306-8 Ap '59 annot

NEGROES as soldiers

Singletary, Otis A. Negro militia and reconstruction. Univ. of Tex. press '57 p 153-66 annot

See also

United States—History—Civil war—Negro troops

NEGROES as teachers

Tuskegee institute. Department of records and research. Selected list of references relating to the Negro teacher, 1949 to June, 1955. (Records and research pamphlet no7) The institute '55 3p

NEGROES in Africa

Political and social organization

Ottenberg, S. Ibo oracles and intergroup relations. Sw J Anthropol 14:314-17 Autumn '58

NEGROES in America

Miscelánea de estudios dedicados a Fernando Ortiz, por sus discípulos, colegas y amigos, con ocasión de cumplirse sesenta años de la publicación de su primer impreso en Menorca en 1895 [bibliog. by Rafael Heliodoro Valle] Soc. económica de amigos del país '55-'57 3v v3, p 1427-65

NEGROES in Great Britain

Senior, Clarence Olsson, and Manley, Douglas. Report on Jamaican migration to Great Britain; with a foreword by Norman Manley. Gov. printer '55 p63-7

NEGROES in literature

Kluth, K. Negerfrase in der englischen literatur des 18. jahrhunderts. Z Angl & Amerik 5 no 1:68-89 '57

NEGROES in the United States

Bartlett, Irving H. From slave to citizen; the story of the Negro in Rhode Island; foreword by Benjamin Crocker Clough. Urban league of greater Providence '54 p74-6

Broderick, Francis L. W. E. B. Du Bois. Negro leader in a time of crisis. Stanford univ. press '59 p233-6 annot

Critical summary of literature by and about Negroes, 1955[-1958] Phylon Q 17:35-40; 18: 7-24; 19:143-53, 247-57; 20:115-31 Mr '56, Ap '57, Jl-O '58, Je '59

Current literature. See numbers of Journal of Negro education

Frazier, Edward Franklin. Negro in the United States. rev ed Macmillan '57 p707-52

Grier, Eunice, and Grier, George. Negroes in five New York cities; a study of problems, achievements and trends. Div. of research. N.Y. state comm. against discrimination '58 p 1-9 (3d group)

Hussey, Edith Louise, and others. Negro American; a reading list. (Interracial pub. no96) Dept. of racial & cultural relations. Nat. council of churches of Christ in the USA '57 40p

Landes, R. Biracialism in American society: a comparative view. Am Anthropol 57:1262-3 D '55

McCord, W. M. and Demerath, N. J. Negro versus white intelligence: a continuing controversy. Harvard Educ R 28:134-5 Spring '58; Rejoinder by F. C. J. McGurk 29:61-2 Winter '59

Shuey, Audrey Mary. Testing of Negro intelligence. Bell '58 p319-40

Thorpe, Earl Endris. Negro historians in the United States. Fraternal press '58 p 169-80

Wilberforce university. Carnegie library. Levi Jenkins Coppin collection at the Library; comp. by Casper Leroy Jordan. The library '57 15p

See also

Slavery—United States

Civil rights

Wynn, Daniel Webster. NAACP versus Negro revolutionary protest; a comparative study of the effectiveness of each movement. Exposition '55 p 103-10

See also

Negroes in the United States—Politics and suffrage

Colonization

Cooke, Jacob E. Frederic Bancroft, historian; with an introd. by Allan Nevins, and three hitherto unpub. essays on the colonization of Am. Negroes from 1801 to 1865, by Frederic Bancroft. Univ. of Okla. press '57 p259-69

Education

Current literature. See numbers of Journal of Negro education

Noble, Jeanne L. Negro woman's college education. (Studies in education) Teachers college '56 p 145-50

Tuskegee institute. Department of records and research. Selected list of references relating to the elementary, secondary and higher education of Negroes, 1949 to June, 1955. (Records and research pamphlet no5) The institute '55 18p

See also

Segregation in education

History

Franklin, John Hope. From slavery to freedom; a history of Am. Negroes. 2d ed rev & enl Knopf '56 p605-39 annot

Redding, Jay Saunders. Lonesome road; the story of the Negro's part in America. (Mainstream of Am. ser) Doubleday '58 p335-40

Politics and suffrage

Price, Hugh Douglas. Negro and Southern politics; a chapter of Florida history; with an introd. by William G. Carleton. N.Y. univ. press '57 p 125-8

Religion

Johnston, Ruby Funchess. Religion of Negro Protestants; changing religious attitudes and practices. Philosophical lib. '56 p214-17

Segregation

Maston, Thomas Bufford. Segregation and desegregation; a Christian approach. Macmillan '59 p 176-8

Tumin, Melvin Marvin. Segregation and desegregation; a digest of recent research. Anti-defamation league of B'nai B'rith '57 112p

Woodward, Comer Vann. Strange career of Jim Crow. (James W. Richard lectures in history) Oxford '55 p 153-5 annot

Ziegler, Benjamin Munn, ed. Desegregation and the Supreme court. (Problems in Am. civilization) Heath '58 p 115-16

See also

Segregation in education

NEHRING, Kurt, 1898-

Schlemann, E. ed. Beiträge aus der agrarkulturchemie zu problemen der forschung und praxis I festschrift zum 60. geburstag von Prof. Dr. Dr. h.c. K. Nehring (Deutsche akad. der landwirtschaftswissenschaften. Berlin. Wissenschaftliche abh. no37) Akademie-verlag '58 p 18-27

NEHRU, Jawaharlal, 1889-

Brechr, Michael. Nehru; a political biography. Oxford '59 p641-51

Moraes, Francis Robert. Jawaharlal Nehru; a biography. Macmillan '56 p495-8

Sare, Harold V. Nehru and the rise of the modern state of India; the impact of Nehru's social and economic ideas. (Emporia state research studies. v6, no3) Kan. state teachers college '58 p27-8

Sharma, Jagdish Saran. Jawaharlal Nehru; a descriptive bibliography. (Nat. bibliogs. no2) Chand '55 421p

Smith, Donald Eugene. Nehru and democracy; the political thought of an Asian democrat. Orient Longmans '58 p 185-90

NEIDHART von Reuenthal, 13th cent

Wiessner, Edmund. Vollständiges wörterbuch zu Neidharts liedern. Hirzel '54 p xlii-xlv

NELSON, Edward William, 1855-1934

Lantis, M. Edward William Nelson. Alaska Univ Anthropol Pa 3:15-16 D '54

NELSON, Horatio Nelson, 1st viscount, 1758-1805

Warner, Oliver. Lord Nelson; a guide to reading, with a note on contemporary portraits. Caravel press '55 31p

NEMATODA

Allen, Merlin Walters. Review of the nematode genus tylenchorhynchus. (Calif. Univ. Pubs. in zoology, v61, no3) Univ. of Calif. press '55 p 165

Anderson, R. C. Life cycle and seasonal transmission of ornithofilaria fallisensis Anderson, a parasite of domestic and wild ducks. Can J Zool 34:523-5 O '56

Bovien, P. Host specificity and resistance in plant nematodes. Ann Ap Biol 42:389-90 F '55

Dieter, A. Vergleichende experimentelle untersuchungen an zoophagen und phytophagen nematoden. Halle Univ Wiss Z Math Naturw Reihe 5:184-5 D '55

Jones, F. G. W. Quantitative methods in nematology. Ann Ap Biol 42:379-81 F '55

Mountain, W. B. Studies of nematodes in relation to brown root rot of tobacco in Ontario. Can J Bot 32:758-9 N '54

Mulvey, R. H. Oogenesis in several free-living and plant-parasitic nematodes. Can J Zool 33:310 Ag '55

Nichols, R. L. Etiology of visceral larva migrans. J Parasitol 42:357, 377 Ag '56

Premvati. Studies on strongyloides of primates. Can J Zool 36:77, 194-5 F-Ap '58

Rogers, R. A. Study of eggs of ascaris lumbricoides var. suum. with the electron microscope. J Parasitol 42:101-2 Ap '56

Stewart, R. N. and Schindler, A. F. Effect of some ectoparasitic and endoparasitic nematodes on the expression of bacterial wilt in carnations. Phytopathology 46:222 Ap '56

Timm, Richard W. Survey of the marine nematodes of Chesapeake bay, Maryland. (Catholic univ. of Am. Biological studies, no23) Catholic univ. of Am. press '54 p67-70

Voge, M. List of nematode parasites from California mammals. Am Midl Natur 56: 428-9 O '56

NEMATODA—Continued

- Weinstein, P. P. and Jones, M. F. In vitro cultivation of *nippostrongylus muris* to the adult stage. *J Parasitol* 42:230-1 Je '56
Winslow, R. D. Hatching responses of some root eelworms of the genus *heterodera*. *Ann Ap Biol* 43:35-6 Mr '55

See also

Heterodera

NEMATOSPORA. See Yeast

NEMERTINEA

- Corrêa, D. D. Nemertinos do litoral brasileiro. *Acad Brasil Ciencias Anais* 29:454-5 S '57

NENCKI, Marcell. 1847-1901

- Szwejczerowa, Aniela, and Groszyńska, Jadwiga. Marcell Nencki; materiały biograficzne i bibliograficzne. Państwowe wydawn. naukowe '56 p33-112

NEOMYCIN

- Waksman, Selman Abraham, and others, eds. Neomycin: its nature and practical application. Williams & Wilkins '58 incl bibliog

NEO-ORTHODOXY

- Hordern, William. Case for a new reformation theology. Westminster press '59 p 172-3

NEPAL

Social life and customs

- Maron, Stanley, and others. Survey of Nepal society; with a chapter by Nikki R. Keddie. (Subcontractor's monograph, HRAF-47) Human relations area files, South Asia project, Univ. of Calif. '56 p301-13

NEPHELINE syenite

- Koenig, Charles Jacob. Literature abstracts of ceramic applications of nepheline syenite. (Engineering ser, v27, no 1) Ohio. State univ, Columbus '58 63p

NEREIS

- Smith, R. I. On the distribution of nereis diversicolor in relation to salinity in the vicinity of Tvärminne, Finland, and the Isefjord, Denmark. *Biol Bul* 108:344-5 Je '55

NERO, emperor of Rome. 37-68

- Franzoso, Charles Marie. Life and times of Nero. Philosophical lib. '56 p320-1

NERVAL, Gérard. See Gérard de Nerval

NERVES

- Fleckenstein, Albrecht. Der kalium-natrium-austausch als energieprinzip in muskel und nerv, zugleich ein grundriss der allgemeinen elektropharmakologie. Springer '55 p 132-49

- Grenell, Robert Gordon, and Mullins, Lorin John, eds. Molecular structure and functional activity of nerve cells; a symposium held in Washington, D.C. June 3-4, 1955. (Pub. no 1) Am. inst. of biological sciences '56 incl bibliog

- LaVelle, A. and LaVelle, F. W. Nucleolar apparatus and neuronal reactivity to injury during development. *J Exp Zool* 137: 306-8 Mr '58

- Muralt, Alexander L. von. Neue ergebnisse der nervenphysiologie; sechs vorträge; mit einem methodischen anhang gemeinsam bearb. mit Silvio Weidmann. Springer '58 incl bibliog

- Singer, M. Induction of regeneration of the forelimb of the postmetamorphic frog by augmentation of the nerve supply. *J Exp Zool* 126:458-63 Ag '54

- Waelch, Heinrich, and others, eds. Ultrastructure and cellular chemistry of neural tissue. (Progress in neurobiology, 2) Hoeber '57 incl bibliog

Surgery

- Nigst, Henry. Die chirurgie der peripheren nerven; mit einem geleitwort von Rudolf Nissen. Thieme '55 p 182-92

NERVI, Pier Luigi. 1891?-

- Argan, Giulio Carlo. Pier Luigi Nervi. (Architetti del movimento moderno, 11) Il Balccone '55 p33-42

NERVOUS system

- Association for research in nervous and mental disease. Neurologic and psychiatric aspects of the disorders of aging; proceedings of the Association, Dec. 9 and 10, 1955. New York. (Research pubs, v35) Williams & Wilkins '56 incl bibliog

- Association for research in nervous and mental disease. Neurology and psychiatry in childhood; proceedings of the Association, Dec. 10 and 11, 1954. New York, N.Y. (Research pubs, v34) Williams & Wilkins '54 incl bibliog

- Buchanan, Archibald Ray. Functional neuroanatomy, including an atlas of the brain system. 3d rev ed Lea '57 p340-8

- Chatfield, Paul O. Fundamentals of clinical neurophysiology. Thomas '57 incl bibliog
Chauvarch, Paul. Les mécanismes cérébraux de la prise de conscience; neurophysiologie, psychanalyse et psychologie animale. Masson '56 p235-8

- Clark, Sir Wilfrid Edward Le Gros, and Durward, Archibald. Anatomy of the nervous system; central nervous system, peripheral nervous system, autonomic nervous system. (Cunningham's textbk. of anatomy, v5) Oxford '56 incl bibliog

- Conference on the central nervous system and behavior. Central nervous system and behavior: transactions of the 1st-2d conference 1958-1959 Macy '59 2v incl bibliog

- Dandy, Walter Edward. Selected writings; comp. by Charles E. Troland and Frank J. Otenasek. Thomas '57 incl bibliog

- Glees, Paul. Morphologie und physiologie des nervensystems. Thieme '57 incl bibliog
Glees, Paul. Neuroglia; morphology and function. (Am. lecture ser, pub. no260) Blackwell '55 p95-106

- Harlow, P. A. Action of drugs on the nervous system of the locust (*locusta migratoria*). *Ann Ap Biol* 46:73 Mr '58

- Hess, A. Experimental embryology of the foetal nervous system. Cambridge Philos Soc Biol R 32:256-60 Ag '57

- Honjin, R. On the ganglia and nerves of the lower respiratory tract of the mouse. *J Morphol* 95:281-2 S '54

- Hooker, Davenport. Evidence of prenatal function of the central nervous system in man. (James Arthur lecture on the evolution of the human brain, 1957) Am. museum of natural history '58 p37-41

- Houston neurological society. Brain mechanisms and drug action, a symposium, fourth annual scientific meeting of the Society, Tex. medical center; comp. and ed. by William S. Fields. Thomas '57 incl bibliog

- Houston neurological society. Hypothalamic-hypophyseal interrelationships, a symposium; third annual scientific meeting of the Society, Houston, Tex; comp. and ed. by William S. Fields [and others] Thomas '56 incl bibliog

- Hoyle, Graham. Comparative physiology of the nervous control of muscular contraction. Cambridge '57 p 129-43

- Lacey, J. I. Evaluation of autonomic responses: toward a general solution. N Y Acad Sci Ann 67 no5:161-3 '56

- Livre jubilaire publié à l'occasion du XXV^e anniversaire académique [1929-1954] du prof. Paul van Gehuchten à Louvain. Impr. des sciences '55 incl bibliog

- McDonald, Joseph John. Correlative neuroanatomy and functional neurology. 9th ed [by] Joseph G. Chusid [and the author] Lange medical '58 p345

- Minz, Bruno. Role of humoral agents in nervous activity. (Am. lecture ser, pub. no240) Thomas '55 incl bibliog

- National multiple sclerosis society. New research techniques of neuroanatomy; a symposium sponsored by the Society; ed. by William F. Windle; foreword by Frederick L. Stone. Thomas '57 p79-85

- Orbach, J. Functions of striate cortex and the problem of mass action. *Psychol Bul* 56: 289-92 Jl '59

- Prechtl, H. F. R. Directed head turning response and allied movements of the human baby. *Behaviour* 13 no3:239-42 '58

- Ranson, Stephen Walter. Anatomy of the nervous system; its development and function; rev. by Sam Lillard Clark. 10th ed Saunders '59 p568-93

- Rodríguez, Elvira R. Bibliografía neurológica uruguaya, 1927-1954. The author '55 119p

- Rothschild, F. Solomon. Das zentralnervensystem als symbol des erlebens. (Bibliotheca psychiatria et neurologica, no 103) Karger '58 p 137-9

- Samuels, I. Reticular mechanisms and behavior. *Psychol Bul* 56:21-5 Ja '59

- Tsang, Y. C. Special cell types in the mammalian cerebellum. *Scientia Sinica* 5:541-2 S '56

- Tsang, Y. C. Types and causation of the recurrent fibres in the mammalian cerebellar cortex. *Scientia Sinica* 5:536-8 Je '56

NERVOUS system—Continued

United States. National Institute of neurological diseases and blindness. Great names in neurology; bibliog. of writings by Joseph Babinski, Victor Horsley, Charles Sherrington, and Arthur van Gehuchten; prepared for the first int. congress of neurological sciences, Brussels, July 21-28, 1957. (U.S. Public health service. Pub. no 554; Public health bibliog. ser. 17) The Institute '57 80p

Walsh, E. Geoffrey. Physiology of the nervous system; with chapters on Somatic sensibility and The applied physiology of pain, by John Marshall. Longmans '57 p485-547

Wechsler, Israel Spanier. Textbook of clinical neurology with an introduction to the history of neurology. 8th ed Saunders '58 incl bibliog

See also

Brain
Chemoreceptivity
Electrophysiology
Nerves
Neural plate
Neurochemistry
Psychology, Physiological
Pyramidal tract
Reflexes
Shock
Spinal cord

Degeneration and regeneration

Angevine, J. B. Nerve destruction by colchicine in mice and golden hamsters. J Exp Zool 136:385-7 N '57

Diseases

Baker, Abe Bert, ed. Clinical neurology, by 65 authors. Hoeber-Harper '55 3v incl bibliog

Bellis, C. J. Neurologic examination in industrial injuries. Ind Med 23:421-2 S '54

Frauchiger, Ernst, and Fankhauser, Rudolf. Vergleichende neuropathologie des menschen und der tiere. Springer '57 p392-430

Koeppen, Siegfried. Klinische elektropathologie. (Arbeit und gesundheit, no 55) Thieme '55 p 135-6, 399-414

Malamud, Nathan. Atlas of neuropathology. Univ. of Calif. press '57 p459-61

Marcel, Marius Pierre. Le syndrome des nerfs vasosensibles, sino-carotidiens et cardio-aortiques; l'anarchie tensionnelle; préf. d'Ivan Mahaim. Baillière '56 p 131-4

Meduna, Ladislav Joseph, ed. Carbon dioxide therapy; a neurophysiological treatment of nervous disorders. 2d ed Thomas '58 p497-517

Merritt, Hiram Houston. Textbook of neurology. Lea & Febiger '55 incl bibliog

See also

Epilepsy
Neuroses
Paralysis agitans
Tic

Diagnosis

De Jong, Russell N. Neurologic examination: incorporating the fundamentals of neuroanatomy and neurophysiology. 2d ed Hoeber '58 incl bibliog

Surgery

Chirurgie der hirnerven und hirnbahnen, bearb. von E. Busch [et al] (Handbuch der neurochirurgie, v6) Springer '57 incl bibliog

Congress of neurological surgeons. Clinical neurosurgery; proceedings, v 1[-4] 1953 [-1957] Williams & Wilkins '55-'58 5v incl bibliog

Correlative neurosurgery, by Edgar A. Kahn [and others] with a foreword by Kenneth G. McKenzie. Thomas '55 incl bibliog

Sachs, Ernest. Fifty years of neurosurgery. Vantage '58 p 166-78

See also

Brain—Surgery

Wounds and injuries

Windle, William Frederick, ed. Regeneration in the central nervous system, by 33 contributors; foreword by Pearce Bailey. Thomas '56 p273-98

Amphibia

Platt, J. Studies on the problem of nerve pattern. J Exp Zool 131:193-4; 134:119 F '56, F '57

Singer, M. and others. Nerve destruction by colchicine resulting in suppression of limb regeneration in adult triturus. J Exp Zool 131:291-2 Ap '56

Thornton, C. S. Relation of epidermal innervation to limb regeneration in amblystoma larvae. J Exp Zool 127:595-7 D '54

NERVOUS system, Autonomic

Bernsmeier, A. Die chemische blockierung des adrenergischen systems am menschen; experimentelle studien und klinische beobachtungen mit sympathicolytischen und ganglienblockierenden substanzen unter besonderer berucksichtigung des kreislaufs und der gefaesse. (Acta neurovegetativa, sup5) Springer '54 p 131-42

Burgi, Sandro. Les régulations neuro-végétatives; préf. du prof. J. Lhermitte. G. Doin '53 p 147-74

Gellhorn, Ernst. Autonomic imbalance and the hypothalamus; implications for physiology, medicine, psychology, and neuropsychiatry. Univ. of Minn. press '57 p285-97

Laux, Walter. Über quadrantensyndrome; ein beitrag zu klinik und pathogenese der vegetativen körperviertelstörungen als grundlagen chronischer schmerz Zustände. (Bibliotheca psychiatrica et neurologica, no 104) Karger '58 p 114-20

Palumbo, Louis T. Management of disorders of the autonomic nervous system. (General practice manuals) Year bk. pub. '55 p 168-76

Vienna, Universität. Hygiene-institut. Die neurovegetative peripherie; neurohistologisches colloquium im Hygiene-inst. der Univ. Wien, 2. Sept. 1954. (Acta neurovegetativa, Sup6) Springer '55 incl bibliog

NERVOUS system, Sympathetic

Bernsmeier, A. Die chemische blockierung des adrenergischen systems am menschen; experimentelle studien und klinische beobachtungen mit sympathicolytischen und ganglienblockierenden substanzen unter besonderer berucksichtigung des kreislaufs und der gefaesse. (Acta neurovegetativa, sup5) Springer '54 p 131-42

Griffith, Frederick Reece. Adrenaline, adrenergic-sympathomimetic and adrenolytic-sympatholytic drugs; an index and annot. bibliography. The author '56 2v in 3

Morre, Daniel C. Stellate ganglion block; techniques, indications, uses. Thomas '54 incl bibliog

NERVOUS system, Vegetative. See Nervous system, Sympathetic

NESSI, Pio Baroja y. See Baroja y Nessi, P.

NEST of birds. See Birds—Eggs and nests

NESTRIEPKE, Siegfried, 1885-

Oschilewski, Walther Georg, ed. Siegfried Nestriepke; leben und leistung. (Köpfe der zeit) Arani '55 p62-5

NESTS

See also

Insects—Nests

NETHERLANDS**Civilization**

Rek, J. de. Van Hunebed tot Hanzestad. Bosch & Keuning '54 p467-76

Commerce

Netherlands. Economische voorlichtingsdienst. Bibliotheek. Export naar Zuid- en Zuid-Oost Azie; literatuuroverzicht. The library '56 10p

Description and travel

Nijhoff, Wouter. Bibliographie van Noord-Nederlandsche plaatsbeschrijvingen tot het einde der 18de eeuw; 2. druk bewerkt en aangevuld door F. W. D. C. A. van Hattum. (Bijdragen tot eene Nederlandsche bibliog) Nijhoff '53 125p

Economic policy

See also

Benelux economic union

Government publications

Hague, Koninklijke bibliotheek. Bibliografie van in Nederland verschenen officiële en semi-officiële uitgaven, 1951[-1957] (V23-29) Staatsdrukkerij- en uitgeverijbedrijf 52-'59 7v

Netherlands. National luchtvaartlaboratorium. List of reports, 2d ed The laboratory '52 vp

NETHERLANDS—Continued

History

- Hulshoff, A. L. Literaturbericht zur geschichte der Ostniederlande: das schrifttum der jahre 1939-1955. Westfälische Forsch 9:160-72 '56
- Rek, J. de. Van Hunebed tot Hanzestad. Bosch & Keuning '54 p467-76
- Repertorium der verhandelingen en bijdragen betreffende de geschiedenis des vaderlands. in tijdschriften en mengelwerken. Brill '05-'53 5v
- Riker, W. H. Dutch and American federalism. J Hist Ideas 18:518-21 O '57 annot

Fiction

- Schevenhels, Leo. Rubricering van Noord- en Zuidnederlandse historische romans en novellen naar periodes en figuren (1790-1945) (Antwerp. Stedelijke middelbare bibliotheekschool. Werken, 4) De Sikkel '51 149p

Historiography

- Bulletin critique de l'historiographie néerlandaise en 1953[-1958] R Nord 36:483-96; 37: 241-63; 38:339-74; 39:253-78; 40:537-57; 41: 287-305 O '54, O '55, O '56, O '57, O '58, O '59

- Schöffers, Ivo. Het nationaal-socialistische beeld van de geschiedenis der Nederlanden; een historische en bibliografische studie. Van Loghum Slaterus '56 incl bibliog

Industries and resources

- Brakel, Willem. De industrialisatie in Nederland gedurende de periode der Marshall-hulp. H. E. Stenfort Kroese '54 p 173-5

NETHERLANDS and Great Britain. See Great Britain and the Netherlands

NETHERLANDS INDIES. See Indonesia

NETHERLANDS NEW GUINEA

- Galis, Klaas Wilhelm. Bibliography of West New Guinea. (Bibliog. ser) Southeast Asia studies, Yale univ. '56 135p

NETHERLANDS WEST INDIES. See West Indies, Netherlands

NEUMANN, Franz Leopold, 1900-1954

- Neumann, Franz Leopold. Democratic and the authoritarian state; essays in political and legal theory; ed. and with a pref. by Herbert Marcuse. Free press '57 p301-3

NEURAL crest. See Neural plate

NEURAL plate

- Wilde, C. E. Urodele neuroepithelium. J Exp Zool 130:589-91 D '55

NEURALGIA

- Wartenberg, Robert. Neuritis, sensory neuritis, neuralgia; a clinical study with review of the literature; foreword by Wilfred Harris. Oxford '58 incl bibliog

NEURALGIA, Traumatic

- Bues, Elmar Ernst. Formen des posttraumatischen Kopfschmerzes; der neuralgische Schmerz; mit einem vorwort von R. Wanke. Thieme '56 p 107-11

NEURITIS

- Wartenberg, Robert. Neuritis, sensory neuritis, neuralgia; a clinical study with review of the literature; foreword by Wilfred Harris. Oxford '58 incl bibliog

NEUROCHEMISTRY

- Korey, Saul R. and others, eds. Neurochemistry. (Progress in neurobiology, 1) Hoeber '56 incl bibliog

NEUROLOGY. See Nervous system

NEURONS. See Nerves

NEUROPATHOLOGY. See Nervous system—Diseases

NEUROPTERA

- Markl, W. Vergleichend-morphologische studien zur systematik und klassifikation der myrmeleonen (insecta, neuroptera). Natur Ges Basel Verh 65 no2:254-9 '54

- Schiemenz, Hans. Die libellen unserer heimat. Urania-verlag '53 p 140-9

See also

- Caddis flies
Dragon flies
Mayflies
Stone flies
Termites

NEUROSES

- Cattell, R. B. Conceptual and test distinction of neuroticism and anxiety. J Clin Psychol 13:232-3 J1 '57

- Ellis, Albert. How to live with a neurotic. Crown '57 p203-6

- English, Oliver Spurgeon, and Pearson, Gerald Hamilton Jeffrey. Emotional problems of living; avoiding the neurotic pattern. rev & enl ed Norton '55 incl bibliog

- Kries, I. Zur differentialdiagnose der angst-neurose und angsthysterie. Psyche 11: 62-3 Ap '57

- Kubie, Lawrence Schlesinger. Neurotic distortion of the creative process. (Porter lectures ser, no22) Univ. of Kan. press '58 p 144-8

- Nunberg, Herman. Principles of psychoanalysis; their application to the neuroses; foreword by Sigmund Freud; tr. by Madlyn Kahr and Sidney Kahr. Int. univ. press '55 p361-9

See also

Psychoses

NEUROSPORA

- De Serres, F. J. and others. Studies with purple adenine mutants in neurospora crassa. Genetics 41:676; 42:616-17; 43:204-6 S '56, S '57, Mr '58

- Howe, H. B. Crossing over and nuclear passing in neurospora crassa. Genetics 41:621-2 J1 '56

- Suskind, S. R. Properties of a protein antigenically related to tryptophan synthetase in neurospora crassa. J Bact 74:317-18 S '57

NEUTRALITY

See also

Sweden—Neutrality

NEUTRONS

- Bacon, George Edward. Neutron diffraction. (Monographs on the physics and chemistry of materials) Oxford '55 p287-94

- Hughes, Donald James. Neutron cross sections. (Int. ser. of monographs on nuclear energy. Div.2: Nuclear physics, v 1) Pergamon '57 incl bibliog

- Nuclear development corporation of America, White Plains, New York. Attenuation of gamma rays and neutrons in reactor shields [by] Herbert Goldstein; prepared for Div. of reactor development, U.S. Atomic energy commission, U.S. Gov. ptg. office '57 incl bibliog

- Randolph, M. L. Energy deposition in tissue and similar materials by 14.1-mev neutrons. Radiation Res 6:56-7 J1 '57

- Wirtz, Karl, and Beckurts, Karl Heinrich. Elementare neutronenphysik. Springer '58 incl bibliog

See also

Electrons

Physiological effect

See also

Plants, Effect of neutrons on

NEVADA

- Nevada library association. Nevada in print; a project of the Northwest regional sec. of the Association. Nev. state lib. '54 19p

Antiquities

- Grosscup, Gordon L. Bibliography of Nevada archaeology. (Reps. no36) Calif. archaeological survey, Univ. of Calif. '57 55p

Government publications

- Nevada. State library, Carson City. Official Nevada publications. (List no9) The library '57 8p

NEW BRUNSWICK

Government publications

- Bishop, Olga Bernice. Publications of the governments of Nova Scotia, Prince Edward island, New Brunswick, 1758-1952. Nat. lib. of Canada '57 p205-6

- New Brunswick. Legislative library, Fredericton. New Brunswick government documents; a checklist of New Brunswick gov. docs. received at the Library during the calendar year, 1955[-1958] (No 1-4) The library '56-'59 4v

NEW CALEDONIA

- O'Reilly, Patrick. Bibliographie méthodique, analytique et critique de la Nouvelle-Calédonie. (Soc. des océanistes. Pubs, no4) Musée de l'homme '55 361p

NEW ENGLAND

Bibliography of New England, 1954 [-1958]
New Engl Q 28:134-42; 29:131-41; 30:133-41;
31:133-40; 32:131-42 Mr '55, Mr '56, Mr '57,
Mr '58, Mr '59

Church history

Baxter, Norman Allen. History of the Free-
will Baptists; a study in New England
separatism. Am. Baptist historical soc. '57
p 183-205
Hutchison, William R. Transcendentalist min-
isters; church reform in the New England
renaissance. (Yale historical pubs: miscel-
lany, 71) Yale univ. press '59 p209-21 annot
Morgan, Edmund Sears. Puritan dilemma;
the story of John Winthrop; ed. by Oscar
Handlin. (Lib. of Am. biography) Little '58
p205-17 annot

Economic conditions

Quarterly inventory of economic research on
New England. Federal reserve bank of
Boston. See numbers

History

Bennett, M. K. Food economy of the New
England Indians, 1605-75. J Pol Econ 63:
396-7 O '55
Kent, Louise (Andrews). Brookline trunk.
Houghton '55 p297-8
Leach, Douglas Edward. Flintlock and toma-
hawk: New England in King Philip's war.
Macmillan '58 p271-90 annot

Religion

Gaustad, Edwin Scott. Great awakening in
New England. Harper '57 p 160-8

NEW GUINEA

Gill, Evan Robertson. New Guinea: catalogue
of books relating to New Guinea (but with
special reference to Papua) in the library
of Evan R. Gill. The compiler '57 51p

Klein, Willem Carel, ed. Nieuw Guinea; de
ontwikkeling op economisch, sociaal en
cultureel gebied, en Nederlands en Austr-
lisch Nieuw Guinea; met tijdelijke redac-
tionele medewerking van A. J. Beversluis
en A. F. Kuysten. Staatsdrukkerij- en
uitgeverijbedrijf '53-'54 3v incl bibliog

See also

Netherlands New Guinea

Discovery and exploration

Brass, Leonard J. Results of the Archbold
expeditions, no79: summary of the fifth
Archbold expedition to New Guinea (1956-
1957) (Bul. v 118, article 1) Am. museum
of natural history '59 p66-9 annot

Native races

Gusinde, M. Die Avom-Pygmäen auf Neu-
Guinea. Anthropos 53 no3:498-9 '58

NEW HAMPSHIRE

Government publications

New Hampshire. State library. Concord.
Checklist of New Hampshire state depart-
ments' publications. July 1, 1950-June 30,
1952-July 1, 1956-June 30, 1958 The li-
brary '52-'58 4v

NEW HEBRIDES

O'Reilly, Patrick. Bibliographie méthodique,
analytique et critique des Nouvelles Hé-
brides. (Pubs, no8) Soc. des océanistes '58
320p

NEW JERSEY

Beck, Henry Charlton. Roads of home; lanes
and legends of New Jersey; foreword by
Carl Carmer. Rutgers univ. press '56 p271-2

Perry, Doris M. This is New Jersey: a bibliog.
[limited to general sources of N.J. ma-
terials available in the college library] State
teachers college '57 14p

Economic conditions

Raphael, M. and Price, A. Economic indi-
cators for New Jersey. Bsns Lit 30:13-16
Mr '58 annot

History

Pierce, Arthur Dudley. Iron in the pines; the
story of New Jersey's ghost towns and bog
iron. Rutgers univ. press '57 p234-7

Sources

New Jersey historical society. Guide to the
manuscripts collection of the Society, by
Fred Shelley. (Colls, no 11) The society '57
84p

Industries and resources

Weiss, Harry Bischoff, and Ziegler, Grace M.
Early woolen industry of New Jersey. N.J.
agricultural soc. '58 p95-7

Politics and government

Rich, Bennett Milton. Government and ad-
ministration of New Jersey. (Am. common-
wealth ser) Crowell '57 p404-8

NEW MEXICO

Edmonson, Munro S. Los Manitos; a study of
institutional values. (Pub. 25) Middle Am.
research inst, Tulane univ. '57 p70-1

Shelton, Wilma Loy. Checklist of New Mexico
publications, 1850-1953. Univ. of N.M. press
'54 p235-6

Antiquities

Kidder, Alfred Vincent. Pecos, New Mexico:
archaeological notes. (Papers, v5) Robert S.
Peabody foundation for archaeology, Phillips
acad. '58 p341-60

Martin, Paul Sidney. Digging into history;
a brief account of fifteen years of archaeo-
logical work in New Mexico. (Popular ser:
Anthropology, no38) Chicago natural his-
tory museum '59 p 151-4

Reed, E. K. Test excavations at San Marcos
pueblo. Palacio 61:340-3 O '54

Stubbs, Stanley A. and Ellis, Bruce T.
Archaeological investigations at the Chapel
of San Miguel and the site of La Castrense,
Santa Fe, New Mexico. (Monographs, no20)
School of Am. research, N.Mex. univ. '55
p 19-21

Bibliography

Diaz, A. J. Bibliography of bibliographies re-
lating to the history and literature of
Arizona and New Mexico. Ariz Q 14:197-218
Autumn '58

Industries and resources

New Mexico. Arkansas, White and Red River
coordination committee. Tentative plan for
development of land & water resources,
New Mexico portion, AWR river basins.
The committee '53 7p at end

NEW Year

Gaster, Theodor Herzl. New Year; its history,
customs and superstitions. Abelard-Schuman
'55 p 129-31 annot

NEW YORK (city)

Chait, F. W. This is New York. N Y Pub Lib
Br Lib Bk News 36:3-10 O '58 annot

New York (city). Public library. Municipal
reference library. Municipal reference li-
brary notes. The library. See numbers

Economic conditions

Eiberson, Harold. Sources for the study of
the New York area, a bibliographic essay;
with a chapter on the sources for the
study of population distribution and com-
position, by Sidney Ditzion. Inst. of N.Y.
area studies, City college '58 103p

Government publications

New York (city). Public library. Municipal
reference library. Municipal reference li-
brary notes. The library. See numbers

Harbor

Griffin, John Ignatius. Port of New York.
(New York (city). City college. Inst. of
N.Y. area studies. Monograph no3) Arco '59
p 143-51

History

Kessler, Henry Howard, and Rachlis, Eu-
gene, Peter Stuyvesant and his New York.
Random house '59 p295-8 annot

Police

Werstein, Irving. July, 1863. Messner '57 p249-
52

Politics and government

Eiberson, Harold. Sources for the study of
the New York area, a bibliographic essay;
with a chapter on the sources for the study
of population distribution and composition,
by Sidney Ditzion. Inst. of N.Y. area stud-
ies, City college '58 103p

Public library

Fiction

Ellis, E. F. New York public library in fic-
tion. N Y Pub Lib 59:543-51 N '55 annot

NEW YORK (city)—Public library—Continued

Poetry

McDonald, G. D. New York Public library in poetry. N Y Pub Lib 59:552-7 N '55 annot

Shearith Israel congregation

Pool, David de Sola, and Pool, Tamar H. de Sola. Old faith in the New world; portrait of Shearith Israel, 1654-1954. Columbia univ. press '55 p547-62

NEW YORK (state)

Articles of interest to Yorkers. See numbers of New York history

New York (state). University. Division of secondary education. New York in books; a bibliog. for junior and senior high schools. The university '54 16p

Wainger, Bertrand Max, and others. Exploring New York. 3d ed Harcourt '56 incl bibliog

Antiquities

Guthe, Alfred Kidder. Late prehistoric occupation in southwestern New York; an interpretive analysis. (Research records, no 11). Rochester museum of arts & sciences '58 p72-6

—Same. (Researches and transactions, v 14, no 1) Lewis H. Morgan chapter, N.Y. state archeological assn. '58 p72-6

Constitutional conventions

Breuer, Ernest Henry. Guide to manuscript and printed materials by and about New York state constitutional conventions available in the New York state library. New York state lib. '57 29p

Constitutional history

Breuer, Ernest Henry. Constitutional developments in New York, 1777-1958; a bibliog. of conventions and constitutions with sel. references for constitutional research. (N.Y. State lib. Bibliog. bul. 82) State education dept. Univ. of the state of N.Y. '58 103p annot

Government publications

New York. State library. Albany. Gift and exchange section. Official publications of the state of New York, 1947-1952; a cumulation of the checklist of official pubs. of the state of New York. vols. 1-5; comp. by Ethel Lansing. The library '54 139p

History

Dunn, James Taylor. Masters' theses and doctoral dissertations on New York history, 1870-1954. rev N.Y. state historical assn. '55 20p

Eerdmans, Martha. Pieter Stuyvesant; an historical documentation; comp. upon request of the Provincial gov. of Friesland in commemoration of the Pieter Stuyvesant festival at Wolvega, Friesland, July 12-16, 1955. Eerdmans '57 p75-8

Ellis, David Maldwyn, and others. Short history of New York state; pub. in co-operation with the N.Y. state historical association. Cornell univ. press '57 p655-90

Hoffman, Ross John Swartz. Edmund Burke, New York agent; with his letters to the New York assembly and intimate correspondence with Charles O'Hara, 1761-1776. (Memoirs, v41) Am. philosophical soc. '56 p616-19

Koke, R. J. Struggle for the Hudson. N Y Hist Soc Q 40:171-5 Ap '56

New York state and local historical research in progress. 2d(1-8th) annual listing. 1952[-1958] N Y Hist 34:389-92; 35:358-62; 36:426-31; 37:310-15; 38:406-11; 39:273-9; 40:302-10 J1 '53, J1 '54, O '55, J1 '56, O '57, J1 '58, J1 '59

Politics and government

Rubin, Bernard. Public relations and the Empire state; a case study of N.Y. state adm. 1943-1954. Rutgers univ. press '58 p324-50

NEW ZEALAND

Harris, John. Guide to New Zealand reference material and other sources of information. 2d ed New Zealand lib. assn. '50 114p

—Supplement no2 (to Aug. 1956) comp. by A. G. Bagnall. New Zealand lib. assn. '57 36p

Antiquities

Duff, Roger. Mog-hunter period of Maori culture; with a foreword by H. D. Skinner. 2d ed (Canterbury museum bul, no 1) Owen '56 p387-97

Golson, J. Dating New Zealand's prehistory. Polynesian Soc J 64:133-6 Mr '55

Climate

Garnier, Benjamin John. Climate of New Zealand; a geographic survey. St Martins '58 p 179-82

History

New Zealand historical writings 1948-1955. Hist Stud Aus & N Z 7:112-17 N '55

Research work, 1956[-1958] Hist Stud Aus & N Z 7:117-18, 358-64; 8:96-110, 336-8 N '55, N '56, N '57, N '58

Sinclair, Keith. Origins of the Maori wars. Cambridge '58 p279-86

Tapp, E. J. Early New Zealand; a dependency of New South Wales, 1788-1841. Cambridge '59 p 179-88

Writings on New Zealand history, July 1955-June 1956[1 July 1957-June 1958] Hist Stud Aus & N Z 7:336-47; 8:95, 329 N '56, N '57, N '58

NEWCASTLE disease

Biswal, G. and Morrill, C. C. Pathology of the reproductive tract of laying pullets affected with Newcastle disease. Poultry Sci 33:896-7 S '54

NEWMAN, John Henry, cardinal, 1801-1890

Boekraad, A. J. Personal conquest of truth according to J. H. Newman. Eds. Nauvelaerts '55 p307-21

Culler, Arthur Dwight. Imperial intellect; a study of Newman's educational ideal. Yale univ. press '55 p273-5

Dibble, Romuald A. John Henry Newman: the concept of infallible doctrinal authority. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no91) Catholic univ. of Am. press '55 p297-308

Kenny, Terence. Political thought of John Henry Newman. Longmans '57 p ix-x, 194-201

Newman, John Henry, cardinal. Apologia pro vita sua; with an introd. by Philip Hughes. (Doubleday image bk, D37) Image bks. '56 p434-5

NEWS letters

Burke, Virginia M. Newsletter writing and publishing; a practical guide. (Studies in education) Teachers college '58 p 109-13

NEWSPAPERS

Ayer, N. W. & son. Directory; newspapers and periodicals, 1956[-1959] a guide to pubs. ptd. in the U.S. and its possessions, the Dominion of Canada, Bermuda, Cuba and the Republics of Panama and the Philippines; descriptions of the states, provinces, cities and towns in which they are pub; classified lists. (V88-91) The firm '56-'59 4v

Calcutta. National library. Catalogue of periodicals, newspapers and gazettes. Gov. of India press '56 285p

Fessler, Aaron L. and Riccardi, Saro John. Current newspapers: United States and foreign; a union list of newspapers available in the libs. of the New York metropolitan area. provisional ed N.Y. Public lib. '57 66p

Kurth, Karl. Handbuch der deutschsprachigen presse ausserhalb Deutschlands. (Göttinger arbeitskreis. Veröffentlichung no 143) Holzner-verlag '56 399p

Newspaper press directory and advertisers' guide, 1955[-1959] (V 104-108) Benn '55-'59 5v

Prague. Universita Karlova. Knihovna. Soupis novin a časopisů zemí lidové demokracie (kromě CSR) docházejících v r. 1953 do univerzitní knihovny v Praze; sest. J. Blízek; redigoval V. Čejchan. (Bibliog. příručky, no 2) The university '53 74p

Selected bibliography from foreign journals. See numbers of Journalism quarterly

United States. Library of Congress. Union catalog division. Newspapers on microfilm; comp. under the direction of George A. Schwegmann. 3d ed The library '57 202p See also

Catholic church—Newspapers

Feuilletons

Freedom of the press

Journalism

Periodicals

Press law

Religious newspapers and periodicals

NEWSPAPERS—Continued

Circulation

Rucker, Frank Warren. Newspaper circulation: what, where and how. Iowa state college press '58 p361-2

Africa

1956[-1959] Advertising, and press annual of Africa. Boston house '56-'59 4v

Ruth Sloan associates. Washington, D.C. Press in Africa; ed. by Helen Kitchen. The firm '56 96p annot

United States. Library of Congress. Reference department. African newspapers currently received in selected American libraries. The library '56 16p

Argentina

Méndez Paz, Emilio. Periódicos correntinos, 1825-1900. The author '53 123p

Austria

Handbuch Österreichs presse, werbung, grafik. 4th ed Verband österreichischer zeitungsherausgeber '56 384p

Belgium

Bertelson, Lionel. Tableau chronologique des journaux belges; essai. Sec. bruxelloise, Association générale de la presse belge '56 47p

De periodieke pers in België; alphabetische nomenclatuur. Jaarboek van de katholieke pers in België. '55 96p

Canada

Canadian newspapers. See numbers of Canadian advertising

Catholic press directory, 1955-1956 [-1959] official media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-'59 5v

Foreign language press—Ukrainian

Ukrainica canadiana, 1955[-1958] (Ser: Bibliog. no3-6) Ukrainian free acad. of sciences '56-'59 4v 1955, p21-9; 1956, p23-6; 1957, p23-9; 1958, p26-32

Congo, Belgian

Berlage, Jean. Répertoire de la presse du Congo belge (1884-1958) et du Ruanda-Urundi (1920-1958) Repertorium van de pers van Belgisch Congo (1884-1958) en van Ruanda-Urundi (1920-1958) (Bibliographia belgica 43) Comm. belge de bibliog. '59 193p

Cuba

Moliner, Israel M. Indice cronológico de la prensa en Matanzas. Atenas de Cuba '55 18p

Pruneda, Isidro. Los periódicos de Pinar del Río; estudio bibliográfico, 1852-1952 (cien años) Heraldo pinareño '52 99p

Czechoslovakia

Noviny a časopisy v českých krajích, 1953. Prague. Národní knihovna '54 67p

Potemra, Michal. Bibliografia slovenských novín a časopisov do roku 1918. (Slovenská národná bibliog. Sér B. Periodiká, zväzok 1a) Matica slovenská '58 145p

Soupis časopisectva, 1951. Národní knihovna '51 202p

Denmark

Denmarks blad- og bogverden. The world of papers and books in Denmark. 4th ed Politiskens forlag '55 198p

France

Annuaire de la presse française et étrangère du monde politique, 1955 [-1959] 69th-73d ed Annuaire de la presse '55-'59 5v

Béregi, T. Panorama de la presse syndicale de 1830 à nos jours. R Socialiste 107:473-82 My '57

L'Echo de la presse et de la publicité. Répertoire pratique de la presse, 1955. The firm '55 7p

Raux, Henri F. Répertoire de la presse et des publications périodiques françaises, 1957. La Documentation française '58 1115p

Germany

Boeninger, Hildegard R. Hoover library collection on Germany. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Coll. survey, no2) Stanford univ. press '55 p47-56

Deutsche presse, 1956; zeitungsen und zeitschriften. Duncker & Humblot '56 1024p

Leitfaden für presse und werbung; hrsg. von Willy Stamm. 9th ed Stamm '56 1111p

Verband der deutschen presse. Handbuch der demokratischen presse. Verlag Die

wirtschaft '55 238p

Zeitungsen und zeitschriften der Deutschen Demokratischen Republik. Koehler & Volckmar '53 23p

Great Britain

Check list of newspapers of the British Isles, 1665-1800 in the American antiquarian society. Am Antiq Soc Proc 65 pt2:238-51 '56

Library association. Reference and special libraries section. Northern group. Union list of newspaper files in northern area. The association '58 9p

Thwaite, Mary Florence. Hertfordshire newspaper, 1772-1955; a list comp. for the county bibliog; with a foreword by Sir Harold Williams. Hertfordshire local history council '56 42p annot

Willing's press guide, 1955[-1959] a comprehensive index and handbook of the press of the United Kingdom of Great Britain, Northern Ireland and the Irish Republic; together with the principal British Commonwealth, colonial and foreign publications. (V81-85) Willing's press service '55-'59 5v

Greece

Turczynski, Emanuel. Die ersten griechischen zeitungsen und zeitschriften, 1784-1821. Publizistik 1:353-62 N '56

Hungary

Dezsényi, Béla, and others. A magyar sajtó bibliográfiája, 1945-1954. (Budapest. Országos Széchényi könyvtár. Kiadványai, 36) Művelt nép tudományos és ismeretterjesztő kiadó '56 159p

Hungarian newspapers and periodicals. Catalogue, 1956. Kultura '56 157p

Ternay, K. Hungarian journalism 1900-1943. Gazette 3 no 1:131-7 '57

India

Calcutta. National library. Catalogue of periodicals, newspapers & gazettes. Gov. of India press '56 285p

Italy

Elenco dei quotidiani e periodici italiani, 1956[-1958] Associazione italiana editori '56-'58 3v

Weiss, I. Daily press in Italy. Gazette 4 no3: 251-60 '58

Liechtenstein

Blaser, Fritz. Bibliographie der schweizer presse mit einschluss des Fürstentums Liechtenstein. Bibliographie de la presse suisse. Bibliografia della stampa svizzera. (Quellen zur schweizer geschichte, neue reihe, abt. 4; Handbücher, v7) Birkhäuser '56 696p

Moravia

Wurmová, Milada. Soupis moravských novín a časopisů z let 1848-1918. Krajské nakladatelství '55 94p

Netherlands

Rooij, M. Daily press in the Netherlands since 1945. Gazette 3 no 1:1-6 '57

Uitgeversbedrijf Publiciteit. Hague. Handboek van de Nederlandse pers. The firm '56 1v

Nigeria

Ibadan, Nigeria. University college. Library. Nigerian periodicals and newspapers, 1950-1955. The library '56 23p

Poland

Prasa, robotnicza spółdzielnia wydawnicza, Warsaw. Zakład badań prasoznawczych. Materiały do bibliografii dziennikarstwa i prasy w Polsce w latach 1944-1954; wybór. Państwowe wydawn. naukowe '57 788p

Wępiec, Jan. Polish newspapers in 1953, a union list. (Pub. no26) Free Europe com, Mid-European studies center '55 18p

Ruanda-Urundi

Berlage, Jean. Répertoire de la presse du Congo belge (1884-1958) et du Ruanda-Urundi (1920-1958) Repertorium van de pers van Belgisch Congo (1884-1958) en van Ruanda-Urundi (1920-1958) (Bibliographia belgica 43) Comm. belge de bibliog. '59 193p

NEWSPAPERS—Continued

Rumania

Newspapers and periodicals from Rumania, 1958. Cartimex '58 159p

Russia

Columbia university. Libraries. List of Russian newspapers in the Libraries; comp. by Karol Maichel and Michael Schatoff. The libraries '59 130p

Lee, Paul. Bibliography of Russian emigré publications. Propaganda lib. Coordinator of psychological intelligence, Office of research & intelligence '54 24p

Scotland

Ferguson, Joan P. S. Scottish newspapers held in Scottish libraries. Scottish central lib. '56 57p

Switzerland

Blaser, Fritz. Bibliographie der schweizer presse mit einschluss des Fürstentums Liechtenstein. Bibliographie de la presse suisse. Bibliografia della stampa svizzera. (Quellen zur schweizer geschichte, neue reihe, abt. 4; Handbücher, v7) Birkhäuser '56 696p

Verband schweizerischer annoncen-expeditionen. Schweizerischer zeitungskatalog, herausg. im einvernehmen mit dem schweizerischen zeitungsverleger-verband. The association '55 196, 123p

Texas

Streeter, Thomas Winthrop. Bibliography of Texas, 1795-1845; pt 1, Texas imprints, v2, 1839-1845. Harvard univ. press '55 p501-50 annot

United States

Catholic press directory, 1955-1956 [-1959] officials media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-'59 5v

Churchill, Allen. Park Row. Rinehart '58 p333-5

Crick, B. R. and Daltrop, Anne. List of American newspapers up to 1940, held by libraries in Great Britain and Ireland. (Brit. assn. for Am. studies. Bul. no7. Sup) The association '58 90p

Emery, E. Contemporary American daily press. Gazette 4 no 1:1-8 '58

Stroupe, Henry Smith. Religious press in the south Atlantic states, 1802-1865; an annot. bibliog. with historical introd. and notes. (Trinity college historical soc. Historical papers, ser 32) Duke univ. press '56 172p

United States. Artillery and guided missile school, Fort Sill, Oklahoma. Library. Check list of American periodicals and newspapers. (Special bibliog. no 11) The library '57 20p

United States. Library of Congress. Serials Division. Chronological index of newspapers for the period 1801-1952 in the collections of the Library of Congress; comp. by Paul E. Swigart. The division '56 3v

West Indies

Dorlodot, Albert de. Les journaux des Antilles à l'époque de la Guerre de l'indépendance américaine; prix-courants des marchandises à Philadelphie en 1783, aux Archives générales du royaume. Fédération historique & archéologique de Belgique '55 380-8p

West Virginia

Norona, Delf, ed. West Virginia imprints, 1790-1863; a checklist of bks, newspapers, periodicals and broadsides; comp. by [the ed] and Charles Shetler. (Pub. no 1) West Va. lib. assn. '58 p201-76 annot

Special editions of West Virginia newspapers on microfilm. West Va Lib 9:4-5 Mr; 6-7 Je '56

Wisconsin

Wisconsin. State historical society. Guide to Wisconsin newspapers, 1833-1957; comp. by Donald E. Oehlerts. The society '58 338p

NEWSPAPERS, Jewish. See Jewish newspapers

NEWTON, Sir Isaac, 1642-1727

Babson institute. Babson Park. Massachusetts. Library. Supplement to the Catalogue of the Grace K. Babson collection of the works of Sir Isaac Newton and related material in the Babson inst. lib. Babson Park, Mass; comp. by H. P. Macomber. The library '55 91p

Cohen, I. Bernard. Franklin and Newton; an inquiry into speculative Newtonian experimental science and Franklin's work in electricity as an example thereof. (Memoirs, v43) Am. philosophical soc. '56 p603-50

NEY, Michel, duc d'Elchingen, prince de la Moskowa, 1769-1815

Kurtz, Harold. Trial of Marshal Ney; his last years and death. Knopf '57 p321-6 annot

NGONI. See Angoni

NIACIN. See Nicotinic acid

NIBELUNGENLIED

Nibelungenlied, nach der ausg. von Karl Bartsch hrsg. von Helmut de Boor. 13th rev ed (Deutsche klassiker des mittelalters, v3) Brockhaus '58 p liii-lvi

NICEPHORUS, Saint, patriarch of Constantinople, 758-828

Alexander, Paul Julius. Patriarch Nicephorus of Constantinople; ecclesiastical policy and image worship in the Byzantine empire. Oxford '58 p266-80

NICHIREN, 1222-1282

Nichiren. La doctrine de Nichiren; suivie de la traduction annotée de six de ses ouvrages par G. Renondeau (Paris. Musée Guimet. Annales. Bibliothèque d'études, v58) Presses univ. de France '53 p317-18

NICHOLSON, Ben, 1894-

Nicholson, Ben. Ben Nicholson; v2, Work since 1947; with an introd. by Herbert Read. Lund '56 np

NICHOLSON, John William, 1881-1955

Wilson, W. John William Nicholson, 1881-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p213-14)

NICKEL

Teeple, H. O. and others. Nickel, including high-nickel alloys. Ind. & Eng. Chem 47: 2004-6; 48:1757-9; 49:1627-8; 50:1468-9 S '55, S '56, S '57, S '58

Pratt, Ethel M. and Cornwall, Henry R. Bibliography of nickel; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-K) U.S. Gov. ptg. office '58 70p

See also

Plants—Nickel content

Plants, Effect of nickel on

Metallurgy

Bauder, R. B. Bibliography on extractive metallurgy of nickel and cobalt, January 1929-July 1955. (U.S. Bur. of mines. Information circ. 7805) U.S. Gov. ptg. office '57 159p

Jones, Curtis A. Bibliography on extractive metallurgy of nickel and cobalt, 1900-1928. (U.S. Bur. of mines. Information circ. 7883) U.S. Gov. ptg. office '59 33p

NICKEL alloys

Teeple, H. O. and others. Nickel, including high-nickel alloys. Ind. & Eng. Chem 47: 2004-6; 48:1757-9; 49:1627-8; 50:1468-9 S '55, S '56, S '57, S '58

NICKEL ores

Aho, A. E. Geology and genesis of ultra-basic nickel-copper-pyrrhotite deposits at the Pacific nickel property, southwestern British Columbia. Econ Geol 51:480-1 Ag '56

NICKEL plating

Dubernell, G. Story of nickel plating. Plating 46:613-16 Je '59

NICOLAUS Cusanus, cardinal, 1401-1464

Nicolaus Cusanus, cardinal. De pace fidei; cum epistula ad Joannem de Segobia ediderunt commentariisque illustraverunt Raymondus Klibansky et Hildebrandus Bascour. (Mediaeval and renaissance studies. Sup3) Warburg institute '56 p 122-5

NICOLSON, William, 1655-1727

James, Francis Godwin. North Country bishop; a biography of William Nicolson. (Yale historical pubs. Miscellany, 65) Yale univ. press '56 p281-95

NICOTIANA

See also

Tobacco

NICOTINIC acid

Banerjee, S. and Basak, R. Studies on the biosynthesis of nicotinic acid from tryptophan in the rhesus monkey. J Nutrition 61: 401-3 Mr '57

Firth, J. and Johnson, B. C. Quantitative relationship of triptophan and nicotinic acid in the baby pig. J Nutrition 59:233-4 Je '56

Frazier, E. I. and others. Nicotinic acid metabolism in humans. J Nutrition 56:514-16 Ag '55

Horwitt, M. K. and others. Tryptophan-niacin relationships in man. J Nutrition 60 sup 1:41-3 O '56

NICOTINIC acid—Continued

- McDaniel, E. G. and others. Tryptophan-niacin metabolism in alloxan diabetic rats. *J Nutrition* 59:421-3 J1 '56
- Morley, N. H. and Storvick, C. A. Oxidized pyridine nucleotides in various fractions of the blood and niacin and tryptophan metabolites in the urine of women on a controlled adequate dietary. *J Nutrition* 63: 552-4 D '57
- Vivian, V. M. and others. Some aspects of tryptophan metabolism in human subjects. *J Nutrition* 66:537-8 D '58
- Wertz, A. W. and others. Tryptophan-niacin relationships in pregnancy. *J Nutrition* 64: 352-3 Mr '58
- Yanofsky, C. Absence of a tryptophan-niacin relationship in *Escherichia coli* and *Bacillus subtilis*. *J Bact* 68:583-4 N '54
- NIEBUHR, Helmut Richard, 1894-**
Ramsey, Paul ed. Faith and ethics; the theology of H. Richard Niebuhr [by] Waldo Beach [and others bibliog. by R. P. Morris] Harper '57 p291-301
- NIEBUHR, Reinhold, 1892-**
Hofman, Hans. Die theologie Reinhold Niebuhrs im lichte seiner lehre von der sünde. (Studien zur dogmengeschichte und systematischen theologie, v4) Zwingli-verlag '54 p243-5
—Same with title: Theology of Reinhold Niebuhr; tr. by Louise Pettibone Smith. Scribner '56 p255-61
- Minnema, Theodore. Social ethics of Reinhold Niebuhr. Eerdmans '58 p 121-4
- Odegard, Holtan P. Sin and science: Reinhold Niebuhr as political theologian. Antioch press '56 p221-34
- Robertson, D. B. Bibliography of the writings of Reinhold Niebuhr to 1956. (In Kegley, Charles W. and Bretall, Robert Walter, eds. Reinhold Niebuhr; his religious, social and political thought, (Lib. of living theology, v2) Macmillan '56 p455-78)
- NIEMCEWICZ, Julian Ursyn, 1758-1841**
Sidwa, Anne H. and Coleman, Marian Moore. Niemcewicz, an anniversary tribute. Alliance college '58 p 13-15
- NIEMOELLER, Martin, 1892-**
Davidson, Clarissa Start. God's man; story of Pastor Niemoeller. Washburn '59 p241-2
- Schmidt, Dietmar. Pastor Niemöller; tr. from the German by Lawrence Wilson. Doubleday '59 p218-19
- NIETZSCHE, Friedrich Wilhelm, 1844-1900**
Nicholls, Roger Archibald. Nietzsche in the early work of Thomas Mann. (Calif. Univ. Pubs. on modern philology, 45) Univ. of Calif. press '55 p 117-19
- Williams, William David. Nietzsche and the French; a study of the influence of Nietzsche's French reading on his thought and writing. (Modern language studies) Blackwell '52 p 182-4
- NIEUWENHUIS, Ferdinand Domela, 1846-1919**
Amsterdam. Ferdinand Domela Nieuwenhuisfonds. Ferdinand Domela Nieuwenhuis archief; inventaris. The fund '56 79p
- NIGERIA**
Coleman, James Smoot. Nigeria: background to nationalism. Univ. of Calif. press '58 p481-96
- Harris, John. Books about Nigeria; a sel. reading list. Ibadan univ. press '59 39p annot
- NIGHTINGALE, Florence, 1820-1910**
Columbia university. College of physicians and surgeons. Department of nursing. Catalog of the Florence Nightingale collection. The department '56 79p
- NIGHTINGALES**
Niebuhr, Otto. Die nachtigall in Niedersachsen; verbreitung, bestandsentwicklung, biotop. (Biologische abh. no2) Verlag der Biologischen abh. '52 p34-6
- NILO-HAMITIC tribes**
Huntingford, George Wynn Brereton. Northern Nilo-Hamites. (Ethnographic survey of Africa: East central Africa, pt6) Int. African inst. '53 p99-102
- Huntingford, George Wynn Brereton. Southern Nilo-Hamites. (Ethnographic survey of Africa: East central Africa, pt 8) Int. African inst. '53 p 140-6
See also
Teso tribe
- NINETEENTH century**
Maass, John. Gingerbread age; a view of Victorian America. Rinehart '57 p 199-203 annot
- NIOBIUM.** See Columbium

- NIPPERDEY, Hans Carl, 1895-**
Dietz, Rolf, and others, eds. Festschrift für Hans Carl Nipperdey zum 60. geburtstag, 21. Januar 1955. Beck '55 p303-20
- NITRATES**
Holtenius, P. Nitrate poisoning in sheep, with special reference to the detoxification of nitrite in the rumen. *Acta Ag Scand* 7 no 1: 160-3 '56
- NITRATION**
Crater, W. D. and Tomlinson, W. R. Nitration. *Ind & Eng Chem* 47:1895; 49:1537-9; 50:1382-5 S '55, S '57, S '58
- NITRIFICATION**
Allen, M. B. and Arnon, D. I. Studies on nitrogen-fixing blue-green algae. *Plant Physiol* 30:371-2 J1 '55
- Allen, O. N. and Baldwin, I. L. Rhizobia-legume relationships. *Soil Sci* 78:425-7 D '54
- NITRO compounds.** See Nitrogen compounds
- NITROFURANS**
National symposium on nitrofurans in agriculture. Proceedings of the 1st [2nd] symposium. Hess & Clark '56-'58? incl bibliog
- NITROGEN**
Rechcigl, M. and others. Net utilization of non-specific nitrogen sources for the synthesis of non-essential amino acids. *J Nutrition* 63:190-2 O '57
See also
Bacteria, Effect of nitrogen on
Fungi, Effect of nitrogen on
Plants—Nitrogen content
Plants, Effect of nitrogen on
Soils—Nitrogen content
- Isotopes**
Chapman, Margaret W. and Broida, Herbert P. Bibliography on nitrogen 15. (U.S. Nat. bur. of standards, Circ. 575) U.S. Gov. ptg. office '56 12p
- NITROGEN compounds**
Ball, J. S. and others. API research project 52: nitrogen constituents in petroleum. *Am Pet Inst Proc* 34(6):157 '54
- NITROGEN in the body**
Baron, H. Some effects of DL-methionine and glycocyamine on growth and nitrogen retention in rats. *J Nutrition* 64:237-9 F '58
- Ellis, W. C. and Pfander, W. H. Influence of varied cellulose and nitrogen levels upon ration digestibility and nitrogen balance of lambs fed semipurified rations. *J Nutrition* 65:248-50 Je '58
- Ellis, W. C. and others. Nitrogen utilization by lambs fed purified rations containing urea, gelatin, casein, blood fibrin, and soybean protein. *J Nutrition* 60:423-5 N '56
- Holemans, K. and Lambrechts, A. Nitrogen metabolism and fat absorption in malnutrition and in kwashiorkor. *J Nutrition* 56:492-4 Ag '55
- Nasset, E. S. Comparison of amino acid mixtures and egg protein as sources of dietary nitrogen. *J Nutrition* 61:568-9 Ap '57
- Reynolds, M. S. Amino acid requirements of adults. *Am J Clin Nutrition* 6:442 J1 '58
- Sharp, G. S. and others. Studies of protein absorption using nitrogen¹⁵ as a tag. *J Nutrition* 58:455-7 Ap '56
- Whiting, F. and Bezeau, L. M. Metabolic fecal nitrogen excretion of the pig as influenced by the amount of fibre in the ration and by body weight. *Can J Animal Sci* 37:104-5 Je '57
- NITROGEN mustards**
Scott, Sister F. M. Metamorphic differentiation in *amarocium constellatum* treated with nitrogen mustard. *J Exp Zool* 127:357-8 N '54
- NITROUS oxide**
Physiological effect
Gray, E. L. Oxides of nitrogen; their occurrence, toxicity, hazard. *AMA Archives Ind Health* 19:485-6 My '59
- NOBILITY**
Goodwin, Albert, ed. European nobility in the eighteenth century; studies of the nobilities of the major European states in the pre-reform era. Black '53 p 190-201
- Leister, Ingeborg. Rittersitz und adliges gut in Holstein und Schleswig. (Forschungen zur deutschen landeskunde, v64) Verlag des Amtes für landeskunde '52 p 130-7
See also
Russia—Nobility

NOBLE, Michael, 1919-

Noble, Michael. Michael Noble, sculptor [by] Gino Ghiringhelli. (Int. ser. of short monographs of contemporary artists, 1) Edizioni del Milione '55 p21-2

NODES (anatomy)

Quay, W. B. and Reeder, W. G. Hemorrhagic and hemopoietic nodules in the alar and intermembral membranes of pizonyx vivesi (chiroptera) *J Morphol* 94:457-60 My '54

NODES (botany). See Stems (plants)**NOHL, Herman, 1879-**

Weniger, Erich. Bibliographie Herman Nohl zu seinem 75. geburtstag am 7. Oktober 1954. Beltz '54 43p

NOISE

Harris, Cyril M. ed. Handbook of noise control. (McGraw-Hill handbks) McGraw '57 incl bibliog

Hilliard, J. K. and Fiala, W. T. Methods of generating high-intensity sound with loudspeakers for environmental testing of electronic components subjected to jet and missile engine noise. *Acoust Soc Am J* 30: 537-8 Je '58

Industrial hygiene foundation of America. Annotated bibliography on noise, its measurement, effects, and control. The foundation '55 364p

King, A. J. Vibration and noise of mechanisms and machines. *Am Soc Naval Eng J* 69:765-6 N '57

Kryter, Karl D. Effects of noise on man. (Journal of speech and hearing disorders. Monograph sup 1) *Am. speech & hearing assn.* '50 p22-6, 46-56, 84-9

Leipnik, R. Integral equations, biorthonormal expansions, and noise. *Ind & Ap Math* 7:29-30 Mr '59

Loring, J. C. G. Selected bibliography on the effects of high-intensity noise on man. (Journal of speech and hearing disorders. Monograph sup3) *Am. speech & hearing assn.* '54 38p

National research council. Highway research board. Abatement of highway noise and fumes [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 110) The board '55 incl bibliog annot

National research council. Highway research board. Selected bibliographies on vehicle noise and fumes. (Bibliog. 22) *Com. on vehicle characteristics* '58 10p

Plutchik, R. Effects of high intensity intermittent sound on performance, feeling, and psychology. *Psychol Bul* 56:148-51 Mr '59

Smulin, Louis D. and Haus, Hermann A. eds. Noise in electron devices. (Technology press bks. in science and engineering) Mass. inst. of technology; Wiley '59 incl bibliog

United States. National library of medicine. Effects of jet aircraft noise on hearing, a list of references comp. by Tordis O. Vatshaug. The library '56 7p

United States. Office of naval research. Annotated bibliography and critical review of voice communications [by] Physiological psychology branch, Psychological sciences division. (ONR rep. ACR-26) The office '58 117p

See also

Airplanes—Noise
Transistors—Noise

NOMADS

Krader, L. Ecology of central Asian pastoralism. *Sw J Anthropol* 11:324-6 Winter '55

NOMOGRAPHY (mathematics)

Davis, Dale Stroble. Nomography and empirical equations. *Reinhold* '55 p 138-9

NONCONFORMISTS. See Dissenters**NON-DESTRUCTIVE testing. See Testing****NONFERROUS metals. See Metals, Nonferrous****NON-WAGE payments**

Kidney, Edith B. Fringe benefits for salaried employees in government and industry. (Personnel rep. no542) *Civil service assembly* '54 p30-3

NONWOVEN fabrics. See Textile fabrics—Bonded web**NORDAU, Max Simon, 1849-1923**

Ben-Horin, Meir. Max Nordau; philosopher of human solidarity; with a foreword by Salo W. Baron. Conference on Jewish social studies '56 p259-93

NORMANDY

Bibliographie normande; ouvrages et articles parus en 1957-1958 *Ann Normandie* 8:1-55; 9:1-63 Ja '58, Ja '59

History

Logié, Paul. La Fronde en Normandie. The author '51-'52 3v v3, p 171-202

NORSE language, Old. See Icelandic and Old Norse languages**NORTH, Elisha, 1771-1843**

Italia, S. R. Elisha North: experimentalist, epidemiologist, physician, 1771-1843. *Bul Hist Med* 31:534-6 N '57

NORTH AMERICA**Civilization**

Siegel, Bernard Joseph, and Wax, Rose, eds. Acculturation; critical abstracts, North America. (Stanford anthropological ser, no2) *Stanford univ. press* '55 231p

History

Woolsey, William Walton, and Woolsey, Rosamond Tucker. Shaping of North America. *Vantage* '52 p239-47

NORTH ATLANTIC treaty organization

Ball, Mary Margaret. NATO and the European union movement. (Lib. of world affairs, no45) *Praeger* '59 p428-57

Moore, Ben Tillman. NATO and the future of Europe; foreword by William C. Foster. (Council on foreign relations. Pubs) *Harper* '58 p255-8 annot

NORTH CAROLINA

Arnett, Ethel Stephens. Greensboro, North Carolina; the county seat of Guilford; written under the direction of Walter Clinton Jackson. *Univ. of N.C. press* '55 p463-8

Guide to North Carolina's periodical literature; a cumulative auth. and subject index covering material in N.C. pubs. from Jan. 1955 thru Dec. 1957; ed. by Leola Myrick Ross and Paul S. Ballance. The eds. '59 157p

Thomton, Mary Lindsay. Bibliography of North Carolina, 1589-1956. *Univ. of N.C. press* '58 597p

Description and travel

Dunbar, Gary S. Historical geography of the North Carolina Outer banks; supervised and ed. by Fred Kniffen. (La. State univ. Studies. Coastal studies ser, no3) *La. state univ. press* '58 p 179-214

Economic conditions

Colby, Mary (McRae). Geographic structure of southeastern North Carolina. (Research paper, no58) *Dept. of geography, Univ. of Chicago* '58 p220-6

Hobbs, Samuel Huntington. North Carolina; an economic and social profile. *Univ. of N.C. press* '58 incl bibliog

Fiction

Powell, William S. ed. North Carolina fiction, 1734-1957; an annot. bibliog [prepared by the Joint com. on N.C. literature and bibliog. of the N.C. English teachers assn. and the N.C. lib. association] (Lib. studies, no2) *Lib. Univ. of N.C.*

Genealogy

Draughon, Wallace R. North Carolina genealogical reference, a research guide. The author '56 231p

History

Barrett, John G. Sherman's march through the Carolinas. *Univ. of N.C. press* '56 p282-309

Cathey, Cornelius Oliver. Agricultural developments in North Carolina, 1783-1860. (James Sprunt studies in history and political science, v33) *Univ. of N.C. press* '56 p207-20 annot

Clarke, Desmond. Arthur Dobbs, esquire, 1689-1765; surveyor-general of Ireland, prospector and governor of North Carolina. *Univ. of N.C. press* '57 p224-6

Coker, Elizabeth Boatwright. La belle; a novel based on the life of the notorious Southern belle. Marie Boozer. *Dutton* '59 p317-20

Dill, Alonzo Thomas. Governor Tryon and his palace. *Univ. of N.C. press* '55 p227-85

Dunbar, Gary S. Historical geography of the North Carolina Outer banks; supervised and ed. by Fred Kniffen. (La. State univ. Studies. Coastal studies ser, no3) *La. state univ. press* '58 p 179-214

Dykeman, Wilma. French Broad. (Rivers of Am) *Rinehart* '55 p349-56

NORTH CAROLINA—History—*Continued*

- Lawrence, Eva J. and Powell, William Stevens. Bibliography of North Carolina county histories. Div. of pubs, State dept. of archives & history '52 13p
- Lefler, Hugh Talmage. Guide to the study and reading of North Carolina history. Univ. of N.C. press '55 89p
- Powell, William S. North Carolina county histories; a bibliography. (Lib. studies, no 1) Lib. Univ. of N.C. '58 27p
- Savage, Henry. River of the Carolinas; the Santee. (Rivers of Am) Rinehart '56 p411-17

Politics and government

- Cheek, Roma S. Sleeping tar-heels. The author '56 p92-5
- Crabtree, Elizabeth G. North Carolina governors, 1585-1958. N.C. State dept. of archives & history '58 p 136-7
- Hoffmann, William S. Andrew Jackson and North Carolina politics. (James Sprunt studies in history and political science, v40) Univ. of N.C. press '58 p 123-8
- North Carolina. University. Institute of government. Selected list of publications of administrative rules and regulations issued by administrative agencies of the state of North Carolina. prelim ed The institute '59 19p annot
- Rankin, Robert Stanley. Government and administration of North Carolina (Am. commonwealth ser, v31 Crowell '55 p416-22
- Robinson, Blackwell Pierce. William R. Davie. Univ. of N.C. press '57 p456-76

Social conditions

- Hobbs, Samuel Huntington. North Carolina; an economic and social profile. Univ. of N.C. press '58 incl bibliog

NORTH KOREA. See Korea (People's Democratic Republic)

NORTH pole

- Gibbons, Russell W. Historical evaluation of the Cook-Pearry controversy; a critique of the acceptance by history and reference works of the claims of Robert Edwin Peary against those of Frederick Albert Cook as to the discovery of the North pole, 1908-09. rev ed Dept. of history, Ohio northern univ. '54 15p at end

NORTH RHINE-WESTPHALIA

- Dortmund. Stadt- und landesbibliothek. Westfälische bibliographie, 1954-1956; bearb. unter mitarbeit des Westfälisch-niederrheinischen inst. für zeitungsforschung. Rufus '56 530p
- Westfälische bibliographie zur geschichte, landeskunde und volkskunde; hrsg. von der Historischen kommission für Westfalen, in verbindung mit dem Verein für geschichte und altertumskunde Westfalens; bearb. von Alois Bömer und Hermann Degering; zum druck gebracht von Rudolf Schetter; v 1, A-K. (Provinzialinst. für westfälische landes- und volkskunde. Historische kommission. Veröffentlichungen, 24) Regensburg '55 663p

Politics and government

- North Rhine-Westphalia. Landtag. Register zu den verhandlungen des Landtags Nordrhein-Westfalen, 1950/54. (V2) The assembly '55 248p

NORTHEAST PASSAGE

- Krypton, Constantine, pseud. Northern sea route; its place in Russian economic history before 1917; foreword by Michael M. Karpovich. (Studies on the U.S.S.R, no2) Research program on the U.S.S.R. '53 p 157-89
- Krypton, Constantine, pseud. Northern sea route and the economy of the Soviet north; pub. for the research program on the U.S.S.R. (Studies on the U.S.S.R. no 14; Praeger pubs. in Russian history and world communism, no42) Praeger '56 p 183-209

NORTHERN lights. See Auroras

NORTHMEN in America. See America—Discovery and exploration—Norse

NORTHWEST

Description and travel

- Schoolcraft, Henry Rowe. Expedition to Lake Itasca; the discovery of the source of the Mississippi; ed. by Philip P. Mason. Mich. state univ. press '59 p370-3

NORTHWEST, Canadian

- Mackay, J. Ross. Anderson River map-area N.W.T. (Memoir 5) Geographical branch, Canada. Dept. of mines & technical surveys '58 p 124-9

History

- Russell, Ralph Clifford. Carlton trail; the broad highway into the Saskatchewan country from the Red River settlement, 1840-1880. 2d ed The author '55 p 103-4

NORTHWEST, Old

History

- Gilpin, Alec Richard. War of 1812 in the Old Northwest. Mich. state univ. press '58 p263-9
- Havighurst, Walter. Wilderness for sale; the story of the first western land rush. (Am. procession ser) Hastings house '56 p359-61

NORTHWEST, Pacific

- Barbeau, Marius. Pathfinders in the North Pacific. Caxton ptrs. '58 p225-30 annot
- Bromberg, E. Bibliography of theses and dissertations concerning the Pacific Northwest and Alaska; sup. 1940-1957. Ore Hist Q 59:27-84 Mr '58
- Checklist of books and pamphlets relating to the Pacific Northwest published in 1957 and 1958. PNLA Q 23:142-5, 189-94; 24:27-36 Ap-Q '59 annot
- Lavender, David Sievert. Land of giants; the drive to the Pacific Northwest, 1750-1950. (Mainstream of Am. ser) Doubleday '58 p447-57

NORTHWEST rebellion, 1885. See Riel rebellion, 1885

NORWAY

- Jørgensen, Asbjørn. Norsk bibliografi, et utvalg og en innføring. Statens bibliotek-skole '56 14p

Economic conditions

- Bourneuf, Alice. Norway: the planned revival. (Harvard univ. Harvard economic studies, v 106) Harvard univ. press '58 p213-21 annot

Government publications

- Oslo. Universitet. Bibliotek. Bibliografi over Norges offentlige publikasjoner, 1956[1-1958] (V 1-3) Universitetsforlaget '57-'59 3v

History

- Bibliografi til Norges historie, 1936-1945[1-1956-1957] Norske historiske forening '39-'59 3v Each vol, 1936-1955, is made up of annual nos. issued as sups. to Historisk tidsskrift
- Derry, Kingston. Short history of Norway. Allen '57 p266-72 annot

Statistics

- Norway. Statistisk sentralbyrå. Sosialstatistikkens historie i Norge gjennom 100 år, 1850-1950. History of social statistics in Norway during 100 years, 1850-1950. (Norges offisielle statistikk, ser 11, no 113) The bureau '52 p48-83

NORWEGIAN literature

History and criticism

- Beyer, Harald. History of Norwegian literature; tr. and ed. by Einar Haugen. N.Y. univ. press '56 p339-44 annot
- Øksnevad, Reidar. Norsk litteraturhistorisk bibliografi, 1946-1955. Gyldendal '58 139p
- Øksnevad, Reidar. "Social-demokraten" og norsk litteratur, 1886-1923; en bibliografi. Gyldendal '55 178p
- Øksnevad, Reidar. Tidens tegn og norsk litteratur 1910-1930; en bibliografi. Gyldendal '56 319p

NORWEGIANS in the United States

- Norwegian-American historical association. Norwegian-American studies and records. (V 19-20) The association '56-'59 2v, v 19, p 189-98; v20, p213-26 annot

NOSE

- See also
Smell

Diseases

- Ash, James Earle, and Raum, Muriel. Atlas of otolaryngic pathology. Am. registry of pathology '56 incl bibliog
- Roberts, Sam Earl. Ear, nose and throat dysfunctions due to deficiencies and imbalances; with a foreword by Morris Fishbein. Thomas '57 incl bibliog
- Shepard, Mary Estelle. Nursing care of patients with eye, ear, nose, and throat disorders. Macmillan '58 p233-7

NOTRE DAME cathedral. See Paris—Notre Dame (cathedral)

NOVA SCOTIA

Elliot, S. Nova Scotiana 1955. Maritime Lib Assn Bul 20:31-3 Winter '55

Government publications

Bishop, Olga Bernice. Publications of the governments of Nova Scotia, Prince Edward island, New Brunswick, 1758-1952. Nat. lib. of Canada '57 p205-6

History

Michaud, Marguerite. La reconstruction française au Nouveau-Brunswick; Bouctouche, paroisse-type. Presses universitaires '55 p215-21 annot

NOVAK, Vjenceslav, 1859-1905

Novak, Vjenceslav. Djela. (Djela hrvatskih pisaca.) Zorn '51 3v v 1, p25-40

NOVELS. See Fiction

NOVY, Frederick George, 1864-1957

Long, E. R. Frederick George Novy. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p342-50)

NOYES, Arthur Amos, 1866-1936

Pauling, A. Arthur Amos Noyes. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p331-46)

NOZZLES

Pennsylvania. State university. Department of engineering research. Bibliography on sprays. 2d ed Technical & research div, Refining dept. Tex. co. '53 210p

NUCLEAR counters

Price, William James. Nuclear radiation detection. (McGraw-Hill ser. in nuclear engineering) McGraw '58 incl bibliog

NUCLEAR engineering

American society for metals. Powder metallurgy in nuclear engineering; proceedings of the conference on powder metallurgy in atomic energy, held Oct. 20, 1955 in Philadelphia. The society '58 incl bibliog

American society for testing materials. Symposium on nondestructive tests in the field of nuclear energy; presented in Chicago, Ill, Apr. 16-18, 1957. (Special technical pub. no223) The society '58 incl bibliog

Benedict, Manson, and Pigford, Thomas Harrington. Nuclear chemical engineering. (McGraw-Hill ser. in nuclear engineering) McGraw '57 incl bibliog

Bonilla, Charles Francis, ed. Nuclear engineering [by] Theodore Baumeister [and others] (McGraw-Hill ser. in nuclear engineering) McGraw '57 incl bibliog

Bruce, Francis Robert, and others, eds. Process chemistry. (Progress in nuclear energy, ser3, v 1) McGraw '56 incl bibliog

Frank, Karl. Nucleonica. Kerntechnik; wissenschaftliche und technische Grundlagen sowie grenzgebiete; eine bibliog. in- und ausländischer bücher und zeitschriften mit 1686 titeln und verweisungen. Saarbach '58 94p

Hurst, R. and McLain, Stuart, eds. Technology and engineering; reactor coolants, moderators, heat transfer, reactor chemistry and corrosion of reactor materials. (Progress in nuclear energy, ser4) McGraw '56 incl bibliog

International conference on the peaceful use of atomic energy, Geneva, 1955. Proceedings. United Nations '55-'58 16v incl bibliog

Jacobs, James M. Heat transfer and fluid flow; a bibliog. of sel. rep. literature. (TID-3305 Sup. 1) Technical information service, U.S. Atomic energy comm. '58 423p annot

McCullough, Campbell Rogers, ed. Safety aspects of nuclear reactors. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '57 incl bibliog

Metallurgy in nuclear engineering; survey of the literature in 1957. Metallurgia 58:32-6, 64-6 JI-Ag '58

Reactor handbook; contributors: Argonne national laboratory [and others] (U.S. Atomic energy comm. ABCD-3645-3647) Technical information service '55 3v incl bibliog

Schwind, Simone Buiset. Nuclear technology; a sel. list of references. (U.S. Atomic energy comm. TID-3075) Technical information service '55 69p

United States. Atomic energy commission. Atomic energy facts; a summary of atomic activities of interest to industry. (Nuclear technology ser) U.S. Gov. ptg. office '57 incl bibliog

United States. Atomic energy commission. Bibliographies of interest to the atomic energy program [comp. by Hugh E. Voress and Naomi K. Smelser] rev ed (TID 3043) Technical information service '58 149p

—Same; comp. by Hugh E. Voress [and others] rev 1 sup 1 (TID-3043) Technical information service '59 74p annot

United States. Atomic energy commission. Bibliography of selected AEC reports of interest to industry. (TID-3050) The commission '53-'54 9pts

United States. Atomic energy commission. Nuclear engineering; a sel. list of references. (TID-3055) The commission '54 38p

United States. Atomic energy commission. Nuclear science and technology; a sel. bibliography. (TID 3085) Technical information service '58 236p annot

United States. Atomic energy commission. Unclassified reports of limited value. Technical information service extension. The commission '57 104p

Villar, Germán E. Energía atómica. Impresora uruguaya '56 incl bibliog

Wendt, Gerald. Prospects of nuclear power and technology. Van Nostrand '57 incl bibliog

See also

Shielding (radiation)

NUCLEAR fission

United States. Atomic energy commission. Fission products decay energy; a literature search comp. by James M. Jacobs. (TID-3536) Technical information service '59 9p

NUCLEAR fuels

United States. Atomic energy commission. Reprocessing of irradiated fission reactor fuel and breeding materials; an annot. bibliog. of sel. rep. literature, comp. by James M. Jacobs. (TID-3312) Technical information service '58 118p

Wyatt, L. M. Metallurgy and fuels. Engineering 187:141 Ja 30 '59

Young, Gifford A. Enriched uranium fuel materials; a bibliog. of unclassified literature. Technical information service extension '56 33p

Young, Gifford A. Feed materials; a bibliog. of unclassified rep. literature. Technical information service extension '57 109p

NUCLEAR fusion

Scott, Thomas W. Controlled thermonuclear processes; a sel. bibliography. Technical information service, U.S. Atomic energy comm. '58 26p annot

NUCLEAR moments

Andrew, Edward Raymond. Nuclear magnetic resonance. (Cambridge monographs on physics) Cambridge '55 p247-61

NUCLEAR physics

Bohr, Aage. Rotational states of atomic nuclei. Munksgaard '54 p54-5

Charpie, Robert Alan, and others, eds. Physics and mathematics. (Progress in nuclear energy, ser 1) McGraw '56 incl bibliog

Dienes, George Julian, and Vineyard, G. H. Radiation effects in solids. (Interscience monographs in physics and astronomy, v2) Interscience '57 incl bibliog

Eisenbud, Leonard, and Wigner, Eugene Paul. Nuclear structure. (Investigations in physics, 8) Princeton univ. press '58 p 112-21

Espe, Werner, and Kuhn, Arno. Elementare Grundlagen der kernphysik; eine zusammenstellung ihrer wichtigsten begriffe und gesetzmäßigkeiten. Akademische verlagsgesellschaft '55 p78-81

Evans, Robley Dunglison. Atomic nucleus. (Int. ser. in pure and applied physics) McGraw '55 p905-37

Faul, Henry, ed. Nuclear geology; a symposium on nuclear phenomena in the earth sciences. Wiley '54 p373-406

Frank, Karl. Nucleonica. Kerntechnik; wissenschaftliche und technische Grundlagen sowie grenzgebiete; eine bibliog. in- und ausländischer bücher und zeitschriften mit 1686 titeln und verweisungen. Saarbach '58 94p

Harnwell, Gaylor Probasco, and Stephens, William, Edwards. Atomic physics; an atomic description of physical phenomena. (Int. ser. in pure and applied physics) McGraw '55 incl bibliog

NUCLEAR physics—Continued

- International conference on nuclear structure, Rehovot, Israel, 1957. Proceedings of the Rehovot conference, held at the Weizmann institute of science, Rehovot, September 8-14, 1957; ed. by H. J. Lipkin. Interscience '58 incl bibliog
- International conference on the peaceful use of atomic energy, Geneva, 1955. Proceedings. United Nations '55-'58 16v incl bibliog
- Lösche, Artur. Kerninduktion. (Monographien der experimentellen und theoretischen physik) Deutscher verlag der wissenschaften '57 p544-90
- Mather, K. B. and Swan, P. Nuclear scattering. (Cambridge monographs on physics) Cambridge '58 p442-61
- Outline of atomic physics: collaborators on the 3d ed: Oswald H. Blackwood [and others] Wiley '55 p485-8
- Rusk, Rogers D. Introduction to atomic and nuclear physics. (ACC ser. in physics) Appleton '58 incl bibliog
- Segrè, Emilio Gino, ed. Experimental nuclear physics. Wiley '53-'59 3v incl bibliog
- Steinwedel, H. Particle orbits in circular accelerators. CERN 56-20:46-8 '56
- United States. Atomic energy commission. Nuclear science abstracts. The commission. See numbers
- United States. Atomic energy commission. Nuclear science and technology: a sel. bibliography. (TID 3085) Technical information service '58 236p annot
- United States. Scientific laboratory, Los Alamos, New Mexico. Division of chemistry and metallurgy. Unclassified papers appearing in technical journals, 1949-1954. The division '54? 16p
- See also
- Atomic energy
- Atomic mass
- Cosmic rays
- Electric discharges
- Electrons
- Mesons
- Neutrons
- Nuclear engineering
- Nuclear fission
- Nuclear moments
- Quantum theory
- Radioactivity
- NUCLEAR reactions**
- Toms, M. Elaine. Bibliography of photoneuclear reactions. (Bibliog. no2) U.S. Naval research laboratory '55 62p
- Same; rev ed (Bibliog. no 14) U.S. Naval research laboratory '58 99p
- Fusion**
- See Nuclear fusion
- NUCLEAR reactors**
- American institute of mining and metallurgical engineers. Institute of metals division. Nuclear metallurgy, by Alvin Weinberg [and others] symposium arr. by John H. Frye [and others] (Special rep. ser. no 1) The institute '55 incl bibliog
- American institute of mining and metallurgical engineers. Institute of metals division. Nuclear metallurgy, by R. C. Dalzell [and others] symposium arr. by Nuclear metallurgy committee. (Special rep. ser. no2) The institute '56 incl bibliog
- American society for testing materials. Symposium on radiation effects on materials; sponsored jointly by the Society and the Atomic industrial forum; presented at the 2d Pacific area nat. meeting, Los Angeles, Calif. Sept. 20, 1956. (Special technical pub. no208, 220, 233) The society '57-'58 3v
- Beck, Clifford K. ed. Nuclear reactors for research. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '57 incl bibliog
- Bowen, John Henry, and Masters, Edward Frederick O. Nuclear reactor control and instrumentation. (Nuclear engineering monographs, 5) Simmons-Boardman '59 p74-6
- Cap, Ferdinand. Physik und technik der atomreaktoren. Springer '57 p446-65
- Charpie, R. and others. Reactors. (Progress in nuclear energy, ser2) McGraw '56 incl bibliog
- Chastain, Joel W. ed. U.S. research reactor operation and use. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- DePaul, D. J. ed. Corrosion and wear handbook for water-cooled reactors. McGraw '57 incl bibliog
- Dietrich, Joseph R. and Zinn, Walter Henry, eds. Solid fuel reactors. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Fagen, William Frederick, and Shovar, Mark, eds. Subcritical reactor at the University of Florida. (Engineering progress at the Univ. of Fla. v 11, no9; Bul. ser. no92) Fla. engineering & industrial experiment station, Univ. of Fla. '57 p32
- Finniston, H. M. and Howe, John Perry, eds. Metallurgy and fuels. (Progress in nuclear energy, ser5) McGraw '56 incl bibliog
- Goodlet, B. L. Nuclear reactors for power generation. Brit Nucl Energy Conf J 1: 214-15 O '56
- Gurinsky, David Harris, and Dienes, George Julian, eds. Nuclear fuels. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '56 incl bibliog
- Hinton, C. Future for nuclear power. Brit Nucl Energy Conf J 2:305 J1 '57
- Howlett, J. Application of digital computers to nuclear-reactor design. Inst Elec Eng Proc 105:336 J1 '58
- Kopelman, Bernard, ed. Materials for nuclear reactors. McGraw '59 incl bibliog
- Kramer, Andrew William. Boiling water reactors. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Lane, James A. and others, eds. Fluid fuel reactors. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Lanier, Sidney F. Shippingport pressurized water reactor; a bibliog. of rep. literature. (TID 3068) Technical information service, U.S. Atomic energy comm. '58 34p annot
- McLain, Stuart. Reactor engineering lectures. (ANL-5424) U.S. Atomic energy comm. '55 incl bibliog
- North Carolina. University. State college of agriculture and engineering, Raleigh. Department of engineering research. Heat transfer fluids for nuclear power generation: literature abstracts, 1947-1957. The department '58 169p
- Pickard, James K. ed. Nuclear power reactors. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '57 incl bibliog
- Reactor handbook; contributors: Argonne national laboratory [and others] (U.S. Atomic energy comm. AECD-3645-3647) Technical information service '55 3v incl bibliog
- Rockwell, Theodore, ed. Reactor shielding design manual. Van Nostrand '56 incl bibliog
- Same. (U.S. Atomic energy comm. TID-7004) Naval reactors branch, Div. of reactor development '56 incl bibliog
- Schultz, Mortimer A. Control of nuclear reactors and power plants. (McGraw-Hill ser. in nuclear engineering) McGraw '55 incl bibliog
- Shippingport pressurized water reactor, written by personnel of the Naval reactors branch, Div. of reactor development, U.S. Atomic energy comm. Westinghouse electric corporation, Bettis plant [and] Duquesne light company. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Starr, Chauncey, and Dickinson, Robert W. Sodium graphite reactors. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Symposium on the reprocessing of irradiated fuels, Brussels, 1957. Symposium held May 20-25, 1957. Technical information service extension '57 2v incl bibliog
- Thompson, A. Stanley, and Rodgers, Oliver Eliot. Thermal power from nuclear reactors. Wiley '56 incl bibliog
- United Kingdom atomic energy authority. Industrial group. Bibliography on boiling water reactors, by G. I. Maughan. (I.G. information ser, 54) H.M.S.O. '59 35p annot
- United States. Argonne national laboratory, Chicago. Selected list of neutron and gamma irradiation facilities in operation, being built or planned, comp. by John H. Martens and F. G. Minuth. (Nuclear technology ser) U.S. Atomic energy comm. '57 79p
- United States. Atomic energy commission. Reactor heat transfer conference of 1956; coll. papers and reps. of a conference held at New York, Nov. 1 and 2, 1956; comp. by John E. Viscardi. (TID-7529 pt 1) Technical information service extension '57 2v incl bibliog

NUCLEAR reactors—Continued

- United States. Atomic energy commission. Reactor safety; a sel. bibliog. comp. by Richard J. Smith. Technical information service '58 73p annot
 United States. Atomic energy commission. Reactor safety bibliography; sel. unclassified references. The commission '58 21p
 Wilkinson, Walter D. and Murphy, William F. Nuclear reactor metallurgy; with a chapter by Warren J. McGonnagie. Van Nostrand '58 incl bibliog

Fuel

See Nuclear fuels

NUCLEAR rockets. See Rockets, Atomic powered

NUCLEAR shielding. See Shielding (radiation)

NUCLEI, Cellular

- Allen, S. L. and Nanney, D. L. Analysis of nuclear differentiation in the selfers of tetrahymena. *Am Natur* 92:159-60 My '58
 Bradley, M. V. and Crane, J. C. Effect of 2,4,5-trichlorophenoxyacetic acid on cell and nuclear size and endopolyploidy in parenchyma of apricot fruits. *Am J Bot* 42:280-1 Mr '55
 Crosby, A. R. Nucleolar activity of lagging chromosomes in wheat. *Am J Bot* 44:822 D '57
 Dass, C. M. S. Desoxyribose nucleic acid content of micronucleus in epistyllis articulata (From.) *Physiol Zool* 28:314 O '55
 Engelbert, V. E. Behavior and function of lymphocytes in relation to their basic nuclear units. *Can J Zool* 34:722-3 D '56
 Kasten, F. H. Cytophotometric studies of deoxyribose nucleic acid in several strains of mice. *Physiol Zool* 29:18-20 Ja '56
 McDonald, B. E. Quantitative aspects of deoxyribose nucleic acid (DNA) metabolism in an amnionucleate strain of tetrahymena. *Biol Bul* 114:93-4 F '58
 Mundkur, B. D. Nucleus of saccharomyces: a cytological study of a frozen-dried polyploid series. *J Bact* 68:523-9 N '54
 Nanney, D. L. Caryonidal inheritance and nuclear differentiation. *Am Natur* 90:306-7 S '56
 Welch, R. M. Developmental analysis of the lethal mutant L(2) GL of drosophila melanogaster based on cytophotometric determination of nuclear desoxyribonucleic acid (DNA) content. *Genetics* 42:558-9 S '57

NUCLEIC acids

- Berenborn, M. and Peters, E. R. Nucleic acid changes in the rat after total-body X-irradiation. *Radiation Res* 5:526-7 N '56
 Li, C. T. In vivo action of ribonuclease on the mouse liver cells. *Scientia Sinica* 3:94-6 Mr '54
 McLaren, A. D. and Takahashi, W. N. Inactivation of infectious nucleic acid from tobacco mosaic virus by ultraviolet light (2537A). *Radiation Res* 6:540-2 My '57
 Marinone, Giuseppe. Gli acidi nucleici in ematologia, qualitativa e quantitativa; pref. di Paolo Introzzi. Tipografia viscontea '53 incl bibliog
 New York academy of sciences. Cellular biology, nucleic acids and viruses, by V. G. Allfrey [and others] consulting ed: Thomas M. Rivers. (Special pubs, v5) The academy '57 incl bibliog
 Vendrely, Colette. L'acide désoxyribonucléique du noyau des cellules animales, son rôle possible dans la biochimie de l'hérédité. *Bul Biol France & Belgique* 86 no 1:76-87 '52
 See also
 Deoxyribonucleic acid

NUDISM

Craig, Alec. Bibliography of nudism. Progressive league '54 2p

NUMBERS, Theory of

- Erdős, P. Some unsolved problems. *Mich Math J* 4 no3:298-300 '57
 Guinand, A. P. Concordance and the harmonic analysis of sequences. *Acta Math* 101 no3-4: 270-1 '59
 International symposium on algebraic number theory. Tokyo and Nikko, 1955. Proceedings. The symposium '56 incl bibliog
 LeVeque, William Judson. Topics in number theory. (Addison-Wesley mathematics ser) Addison-Wesley '56 2v v 1, p 194-5; v2, p265-6

Sierpiński, Wacław. Cardinal and ordinal numbers. (Polska akademia nauk, Monografie matematyczne, v34) Państwowe wydawn. naukowe '58 p469-81
 See also

Diophantine analysis
 Fields, Algebraic
 Groups, Theory of

NUMERICAL calculations

- Forsythe, George Elmer. Numerical analysis and partial differential equations. Contemporary state of numerical analysis [and] Linear partial differential equations [by] Paul C. Rosenbloom. (Surveys in applied mathematics, 5) Wiley '58 p38-42, 164-95
 Hildebrand, Francis Begnaud. Introduction to numerical analysis. (Int. ser. in pure and applied mathematics) McGraw '56 p490-501
 Richtmyer, Robert D. Difference methods for initial-value problems. (Interscience tracts in pure and applied mathematics, 4) Interscience '57 p230-4
 Symposia in applied mathematics. Numerical analysis [proceedings of the 6th symposium in applied mathematics of the Am. mathematical soc. held at the Santa Monica City college, August 26-28, 1953; co-sponsored by the National bur. of standards; John H. Curtiss, editor] McGraw '56 incl bibliog
 Teddington, England. National physical laboratory. Modern computing methods. (Notes on applied science, no 16) H.M.S.O. '57 incl bibliog
 Todd, John, ed. Experiments in the computation of conformal maps. (U.S. Nat. bur. of standards. Applied mathematics ser, 42) U.S. Gov. ptg. office '55 incl bibliog

NUMISMATICS

- American numismatic association. Library catalogue. (Numismatist v70, sec2) The association '57 48p
 American numismatic society. Numismatic literature. The society. See numbers
 Bowman, Fred. Bibliography of Canadian numismatics. Canadian numismatic assn. '54 35p
 Burns, Jack F. Bibliography of Cuban numismatics. The author '58 25p
 Grierson, Philip. Coins and medals; a sel. bibliography. (Helps for students of history, no56) Philip '54 88p
 Instituto bonaerense de numismática y antigüedades. Exposición de cartografía y numismática naval argentina. Salón Peuser. 6-20 de mayo de 1957. The institute '57 51p
 Lang, David M. Studies in the numismatic history of Georgia in Transcaucasia. (Numismatic notes and monographs, no 130) Am. numismatic soc. '55 p 126-31
 Mayer, Leo Ary. Bibliography of Moslem numismatics, India excepted. 2d enl ed (Oriental translation fund, London. Pubs, new ser, v35) Royal Asiatic soc. '54 283p
 Narain, A. K. Indo-Greeks. Oxford '57 p 182-90
 Vermeule, Cornelius Clarkson. Bibliography of applied numismatics in the field of Greek and Roman archeology and the fine arts. Spink '56 172p
 See also
 Coins
 Seals (numismatics)

NUNIVAK island

Van Stone, J. W. Archaeological reconnaissance of Nunivak Island, Alaska. *Alaska Univ Anthropol* 5:112-13 My '57

NURSERIES (horticulture)

- Brüggemann, Günter. Die holsteinische baumschulenlandschaft. (Kiel. Univ. Geographisches inst. Schriften, v 14, no4) Hirt '53 p 104-12
 See also
 Forest nurseries
NURSERY schools
 Carlson, Jessie B. Teaching nursery children. Judson press '57 p 110-12
 Leavitt, Jerome Edward, ed. Nursery-kindergarten education [by] Anna Beth Brown [and others] McGraw '58 p346-58
 Moore, Sallie Beth, and Richards, Phyllis. Teaching in the nursery school. (Harper's home economic ser) Harper '59 incl bibliog
 Moustakas, Clark E. and Berson, Minnie Perlin. Nursery school and child care center; a parents' and teachers' guide. Whiteside; Morrow '55 p212-14

NURSERY schools—Continued

Sourgen, Hélène, and Leandri, Françoise. Les écoles maternelles, classes enfantines, cours préparatoires; règlements, organisation, fonctionnement; préf. de A. Beslais. (Cahiers de pédagogie moderne. Classes maternelles—Secs. préparatoires) Editions Bourrellier '53 p 169-76

See also

Day nurseries

NURSERY stock. See Nurseries (horticulture)

NURSES and nursing

Angel, Juvenal Londoño. Careers in professional nursing. (Monograph no36) World trade academic press '56 p28-30

Baker, Rachel. America's first trained nurse

Linda Richards; born: July 27, 1841, died: Apr. 16, 1930. Messner '59 p 188-9

Couey, Elizabeth Daggett, and Stephenson,

Diane Durham. Field of private duty nursing; a study of the functions of the private

duty nurse in the hospital environment

conducted by Couey and Couey. Cadden

advertising agency '55 p362-3.

Deming, Dorothy. Careers for nurses. 2d ed

(McGraw-Hill ser. in nursing) McGraw '52

incl bibliog

George, Frances L. and Kuehn, Ruth P.

Patterns of patient care; some studies of

the utilization of nursing service personnel; ed. by Josephine Nelson. Macmillan

'55 p251-8

Goddard, H. A. Principles of administration

applied to nursing service. (Monograph ser.

no41) World health organization '58 p 101-6

annot

Goulding, Fern A. and Torrop, Hilda M.

Practical nurse and her patient. Lippincott

'55 incl bibliog

Grivist, M. T. and Lynch, J. C. Educational

implications of personnel inventory of super-

visors, head nurses and staff nurses in

selected hospitals. J Exp Educ 26:183-4 D

'57

International conference on the planning of

nursing studies; held at Centre int. d'études

pédagogiques, Sèvres, France, 12th-24th

Nov. 1956; rep. prepared by Margaret G.

Arnstein and Ellen Broe. Int. council of

nurses. Florence Nightingale int. foundation

'57 p 116-18

Jensen, Deborah (MacLurg) ed. Principles

and technics of rehabilitation nursing, by

Florence Jones Terry [and others] Mosby

'57 incl bibliog

Marshall, M. L. Nurse heroines of the Con-

federacy. Med Lib Assn Bul 45:335-6 J1

'57

New York (city). Board of education. Nurs-

ing and child care for high schools. (Cur-

riculum bul. 1954-55 ser, no8) The board

'55 p79-84

Nursing research conference. Report [of the

Conference] Sept. 12-14, 1957, by Peter

Kong-ming New [and others] (Pub. 115)

Community studies inc. '58 p 109-10

Pumroy, Shirley (Spence) and Sutell, Barbara

Jane. Private duty nurse; her role in the

hospital environment of Washington, D.C.

Am. inst. for research '56 p 1-3 (4th group)

Sheehy, Sister Mary Maurice, and Harmon,

Francis Leland Harmon. Psychology for

nurses. Bruce pub. '58 incl bibliog

Southern regional education board. Mental

health program in training and research.

Utilization of nursing personnel; a bibliog.

survey [comp. by Dorothea Richter] The

board '58 146p

United States. National cancer institute. Can-

cer nursing bibliography. The institute '55

52p

—Supplement. The institute '56 13p

United States. Office of education. Selected

bibliography on practical nursing [prepared

by Margaret F. Knapp] The office '53 10p

United States. Public health service. Division

of public health methods. Health manpower

source book (Pub. no263) The service '52-'54

4v incl bibliog

Windemuth, Audrey. Nurse and the out-

patient department. Macmillan '57 incl bib-

liog

Yearbook of modern nursing, 1956 [1958-1959]

a source bk. of nursing. Putnam '56-'59 3v

incl bibliog annot

NURSES and nursing—Continued**History**

Austin, Anne L. History of nursing source

book. (Modern nursing) Putnam '57 p453-70

Periodicals

Vaillancourt, P. M. Periodical checklist for libraries in Catholic schools of nursing. Cath Lib World 27:219-24 F '56 annot

Salaries, pensions, etc.

International labor office. Library. Bibliography on conditions of work and employment of nurses; bks. and pamphlets. The library '5-? 16p

Training

Beck, Frances, and others. Basic nursing education; principles and practices of nursing education; a rep. prepared under the auspices of the Florence Nightingale int. foundation. (Rep. 4) Int. council of nurses '58 p 139-44

Schroeder, Yvonne. Post-basic nursing education; principles of adm. as applied to advanced programmes in nursing education; a rep. prepared under the auspices of the Florence Nightingale int. foundation. (Rep. 3) Int. council of nurses '57 2v v 1, p 109-11

Tschudin, Mary S. and others. Evaluation in basic nursing education. (Basic nursing education curriculum study ser. v2) Putnam '58 p291-7

United States. Office of education. Source materials for practical nurse education. (Vocational div. bul. no273; Trade and industrial ser. no67; Practical nurse education ser. no 1) U.S. Gov. ptg. office '58 31p annot

NURSES and nursing, Industrial

Brown, Mary Louise, and Meigs, John Wister. Occupational health nursing. Springer pub. '56 incl bibliog

Charley, Irene Hannah. Birth of industrial nursing, its history and development in Great Britain; with a foreword by A. A. Woodman. Baillière '54 incl bibliog

NURSES and nursing, Psychiatric

Matheny, Ruth Virginia, and Topalis, Mary. Psychiatric nursing. 2d ed Mosby '57 incl bibliog

Render, Helena Willis, and Weiss, Madeleine Olga. Nurse-patient relationships in psychiatry. 2d ed McGraw '59 incl bibliog

NURSES and nursing, Public health

Gelber, Ida. Released mental patients on tranquilizing drugs and the public health nurse. (N.Y. Univ. Dept. of nurse education. Nursing research monograph, no 1) N.Y. univ. press '59 p 123-7

Hospital council of Greater New York. Organized home medical care in New York city. (Commonwealth fund bk) Harvard univ. press '56 p505-21

NURSES and nursing, Surgical

West, John Pettit, and others. Nursing care of the surgical patient. 6th ed Macmillan '57 incl bibliog

NURSING as a profession

McKenna, Frances M. Thresholds to professional nursing practice. Saunders '55 incl bibliog

NURSING education. See Nurses and nursing**—Training****NUTHATCHES**

Norris, Robert Allen. Comparative biosystematics and life history of the nuthatches *sitta pygmaea*, and *sitta pusilla*. (Calif. Univ. Pubs. in zoology, v56, no2) Univ. of Calif. press '58 p293-300

NUTRITION

Abstracts of current literature. See numbers of American journal of clinical nutrition

Borden centennial symposium on nutrition. Nutritional ages of man; nutrition: past, present, and future; proceedings presented by the Borden co. foundation in New York city on Apr. 12, 1958. Borden co. foundation '58 incl bibliog

Byrd, Oliver Erasmus, comp. Nutrition sourcebook. Stanford univ. press '55 p337-57

Cole, William Harder, ed. Amino acid malnutrition; contributors: James B. Allison [and others] Rutgers univ. press '57 incl bibliog

Commonwealth bureau of animal nutrition. Nutrition abstracts & reviews. The bureau. See numbers

Current literature. See numbers of American dietetic association. Journal

Deuel, H. J. Newer concepts of the role of fats and of the essential fatty acids in the diet. Food Res 20:88-91 Ja '55

Fryer, J. H. Some recent advances in clinical nutrition. Am Diet Assn J 32:101 F '56

Gilbert, Frank Albert. Mineral nutrition and the balance of life. Univ. of Okla. press '57 p264-336

NUTRITION—Continued

- Hillman, R. W. Relation of age and body weight to the frequency of local tissue changes suggestive of malnutrition. *Am J Clin Nutrition* 7:173-4 Mr '59
- Holemans, K. and Lambrechts, A. Nitrogen metabolism and fat absorption in malnutrition and in kwashiorkor. *J Nutrition* 56: 492-4 Ag '55
- Keys, Ancel Benjamin, and Keys, Margaret. Eat well & stay well; foreword by Paul Dudley White. Doubleday '59 p338-42 annot
- Kierst, Władysław. Nauka o żywieniu zdrowego i chorego człowieka. Państwowy zakład wydawn. lekarskich '54 incl bibliog
- King, C. G. Advances in nutrition. *Am Diet Assn J* 35:113-14 F '59
- Kunmerow, F. A. Role of butterfat in nutrition and in atherosclerosis. *J Dairy Sci* 40: 1358-9 O '57
- London. Science museum. Science library. Effects of fats on animals; with special reference to the comparative value of butter and margarine (1933-1958). (Bibliog. ser. no762) The library '58 5p
- Louisiana. Department of education. Nutrition education section. Nutrition education bibliography; comp. by Ruth M. Kean. The section '56 np
- Lowenstein, F. W. Endemic goiter and nutrition. *Am J Clin Nutrition* 7:338, 348 My '59
- McHenry, Earle Willard. Basic nutrition. Lippincott '51 incl bibliog
- Maynard, Leonard Amby, and Loosli, John K. Animal nutrition, 4th ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '56 incl bibliog
- Meyer, Frieda Louise, and others. Standardized diet for metabolic studies; its development and application. (U.S. Dept. of agriculture. Technical bul. no 1126) U.S. Gov. ptg. office '55 p71-81
- Michigan. State university of agriculture and applied science. Nutrition of plants, animals, man; centennial symposium, 1855-1955. The college '55 incl bibliog
- Morgan, A. F. and others. Nutritional status of the aging. *J Nutrition* 55:287-8, 302-3, 447-8, 467-8, 669-70, 684-5 F-Ap '55
- National research council. Committee on nutritional anthropometry. Body measurements and human nutrition [proceedings of the Conference on the role of body measurements in the evaluation of human nutrition, held at Harvard univ, June 17 and 18, 1955] ed. by Josef Brožek. Wayne univ. press '56 incl bibliog
- National vitamin foundation. Symposium on nutrition and behavior; proceedings of a symposium held at the Univ. of Minn. School of public health, Laboratory of physiological hygiene, Minneapolis, Minn., Apr. 27, 1956; Josef Brožek, ed. (Nutrition symposium ser. no 14) The foundation '57 incl bibliog
- National vitamin foundation. Symposium on nutritional aspects of blood formation; proceedings of the Nutrition symposium held at the Univ. of Cincinnati. College of medicine, Cincinnati, Ohio, Oct. 22, 1954. (Nutrition symposium ser. no 10) The foundation '55 incl bibliog
- National vitamin foundation. Symposium on some recent observations on biological relationships; proceedings of the scientific sessions of the 12th annual meeting of the Foundation, New York city, March 5, 1957. (Nutrition symposium ser. no 16) The foundation '58 incl bibliog
- National vitamin foundation. Symposium on the role of some of the newer vitamins in human metabolism and nutrition; proceedings of the Nutrition symposium held at Vanderbilt univ, School of medicine, Nashville, Tenn, Oct. 20-21, 1955. (Nutrition symposium ser. no 12) The foundation '56 incl bibliog
- Nutrition foundation. Present knowledge in nutrition; prepared from articles pub. in the journal *Nutrition reviews*. 2d ed The foundation '56 130p
- Nutrition foundation. Report of the executive director, 1955[1-1958] The foundation '55-'58 4v 1955, p 43-56; 1956, p48-60; 1957, p48-61; 1958, p50-61
- Nutrition reviews. Nutrition foundation. See numbers
- Pathak, C. L. Nutritional adaptation to low dietary intakes of calories, proteins, vitamins, and minerals in the tropics. *Am J Clin Nutrition* 6:157-8 Mr '58
- Postmus, Simon, and others. Nutrition bibliography of Indonesia. (Pacific area bibliogs) Univ. of Hawaii press '55 135p annot
- Proudfit, Fairfax Throckmorton, and Robinson, Corinne Hogden. Nutrition and diet therapy. 11th ed Macmillan '55 p792-826
- Rodahl, K. Nutritional requirements in cold climates. *J Nutrition* 53:587-8 Ag '54
- Rose, Mary Davies (Swartz). Foundations of nutrition; 5th ed [by] Clara Mae Taylor and Grace Macleod and the author. Macmillan '56 incl bibliog
- Seifrit, E. Bookshelf on nutrition and diet therapy. *Am J Clin Nutrition* 7:102-4 Ja '59
- Shaw, J. H. Effect of nutritional factors on bones and teeth. *N Y Acad Sci Ann* 60 no5: 757-62 '55
- Sherman, Henry Clapp, and Lanford, Caroline Sherman. Essentials of nutrition. 4th ed Macmillan '57 incl bibliog
- United States. Department of health, education, and welfare. Effects of malnutrition and other hardships on the mortality and morbidity of former United States prisoners of war and civilian internees of World war II; an appraisal of current information; message from the President of the United States transmitting the rep. of the Secretary of health, education, and welfare . . . pursuant Public law 744, 83d Congress. (U.S. 84th Cong, 2d sess, 1956. House. Doc. no296) U.S. Gov. ptg. office '56 p45-9
- United States. Interagency committee on nutrition education and school lunch. Selected references on nutrition and school lunch. rev ed Bur. of commercial fisheries, U.S. Fish & wildlife service '58 14p
- See also
- Absorption (physiology)
- Bacteria—Nutrition
- Children—Nutrition
- Deficiency diseases
- Diet
- Diet, Deficient
- Food
- Food habits
- Food preferences
- Food values
- Fungi—Nutrition
- Infants—Nutrition
- Insects—Food and feeding
- Metabolism
- Minerals (food)
- Mothers—Nutrition
- Plants—Nutrition
- Vitamins
- History
- McCollum, Elmer Verner. History of nutrition; the sequence of ideas in nutrition investigations. Houghton '57 incl bibliog
- Research
- Carvalho da Silva, A. and others. Domestic cat as a laboratory animal for experimental nutrition studies. *J Nutrition* 67:544-6; 68: 225-8 Ap, Je '59
- Children's fund of Michigan. Research laboratory. Nutritional status of mothers and their infants; seriatim concentrations of hemoglobin, and in serum, total protein, vitamin C, vitamin A, carotenoids and alkaline phosphatase, clinical and dietary intake assessments, racial and socioeconomic influences [by] Elsie Z. Moyer [and others] The fund '54 p93-112
- Dick, E. C. and others. Thiamine requirement of eight adolescent boys, as estimated from urinary thiamine excretion. *J Nutrition* 66:186-8 O '58
- Harper, A. E. Sequence in which the amino acids of casein become limiting for the growth of the rat. *J Nutrition* 67:120-2 Ja '59
- Harris, R. S. and Burress, D. A. Effect of level of protein feeding upon nutritional value of lysine-fortified bread flour. *J Nutrition* 67:566-7 Ap '59
- Hunscher, H. A. Life cycle and its diet. *J Home Econ* 49:113-15 F '57
- Johnson, B. C. Studies on the mechanism of action of vitamin B₂ in animal nutrition. *Am J Clin Nutrition* 6:48-9 Ja '58
- Linkswiler, H. and others. Availability to man of amino acids from foods. *J Nutrition* 65:453-4, 466-8 Jl '58

NUTRITION—Research—Continued

- National vitamin foundation, Incorporated. Symposium on endocrines and nutrition; proceedings of the Nutrition symposium held at the Univ. of Mich. medical school, Ann Arbor, Mich., Oct. 11-12, 1956; Frank H. Bethell, guest editor. (Nutrition symposium ser. no 15) The foundation '57 incl bibliog
- Norris, L. C. Significant advances of the past fifty years in poultry nutrition. *Poultry Sci* 37:268-74 Mr '58
- Reid, M. E. and others. Nutritional studies with the guinea pig. *J Nutrition* 59:118-19 My '56
- Sauberlich, H. E. Methionine, homocystine, choline, folic acid and vitamin B₁₂ in the nutrition of the mouse. *J Nutrition* 68:152-3 My '59
- Watts, J. H. and others. Biological availability of essential amino acids to human subjects. *J Nutrition* 67:495-6, 508 Mr '59

Study and teaching

- Ritchie, Jean A. S. and Küng-Wagner, Berta. Education in nutrition; a sel. list of material. (FAO/57/3/2070) Food & agriculture organization of the United Nations '57 74p
- United States. Office of education. Teaching nutrition in the elementary school. (Nutrition education ser. pamphlet no7) U.S. Gov. ptg. office '55 p31-2 annot

NUTRITION surveys

- Williams, R. R. and others. Nutrition survey of the armed forces of the Republic of Korea. *J Nutrition* 68 sup 1:77-80 Je '59

NUTS

See also

- Betel nuts
- NUTS (machinery)

See also

- Bolts and nuts

NYON, France

- Exchaquet, J. Liste des travaux imprimés consacrés à Nyon et à son histoire. *R Hist Vaudoise* 66:105-12 Je '58

O

OAK

- Irgens-Møller, H. Forest-tree genetics research: quercus L. *Econ Bot* 9:68-71 Ja '55

Diseases and pests

- Curl, Elroy Arvel. Natural availability of oak wilt inocula. (Bul. v26, article 3) Ill. Natural history survey '55 p321-3

OATHS (canon law)

- Guindon, Bernard. Le serment; son histoire, son caractère sacré. (Ottawa. Univ. Dissertationes ad gradum laureæ in facultatibus ecclesiasticis consequendum conscriptæ. Ser. canonica nova, v4) Eds. de l'Univ. d'Ottawa '57 p227-35

OATS

- Craigsmiles, J. P. Oat diseases studies. (Technical bul. new ser. 7) Georgia agricultural experiment station '56 p34-6
- Murphy, H. C. Registration of oat varieties. *Agron J* 50:707 N '58
- Stanton, Thomas Ray. Oat identification and classification. (U.S. Dept. of agriculture. Technical bul. no 1100) U.S. Gov. ptg. office '55 p 193-201

OBESITY. See Corpulence

OBOE

- Bate, Philip. Oboe; an outline of its history, development, and construction. (Instruments of the orchestra) Philosophical lib. '56 p 178-85

OBSCENITY (law)

- St John-Stevens, Norman. Obscenity and the law; with an introd. by Sir Alan P. Herbert. Secker & Warburg '56 p264-73

OBSTETRICAL roentgenology. See X rays in obstetrics

OBSTETRICS

- London. Royal college of obstetricians and gynaecologists. Library. Catalogue of the library up to 1850. The college '56 73p
- Obstetrics and gynecology [by] J. Robert Willson [and others] Mosby '58 incl bibliog
- Obstetrical & gynecological survey. Williams & Wilkins. See numbers

- Procházková, Marta. Bibliographia bohemoslovenica gynaecologico-obstetricia, atque oncologica annorum 1945-1955. (Publication) Institutum documentacionis medicae '55 410p
- United States. National institutes of health. Library section. Maternal disorders related to fetal stress, perinatal death [and] congenital defects; sel. references 1952-May 1958; comp. by Elizabeth Koenig. The library '58 29p

See also

- Abortion
- Forensic obstetrics
- Pelvis
- Veterinary obstetrics

Surgery

- Douglas, Robert Gordon, and Stromme, William B. Operative obstetrics; foreword by Nicholson J. Eastman. Appleton '57 incl bibliog

OCCULT sciences

See also

- Alchemy
- Conjuring
- Demonology
- Magic
- Spiritualism
- Supernatural
- Witchcraft

OCCUPATION, Choice of. See Profession, Choice of; Vocational guidance

OCCUPATIONAL diseases. See Diseases, Industrial

OCCUPATIONAL mobility

- Goldstein, Sidney. Patterns of mobility, 1910-1950; the Norristown study; a method for measuring migration and occupational mobility in the community. Univ. of Pa. press '58 p244-9

OCCUPATIONAL therapy

- O'Sullivan, Eamon Naomh Michael. Textbook of occupational therapy; with chief reference to psychological medicine. Philosophical lib. '55 p297-306

OCCUPATIONS

- Anderson, Margaret Haggerty, and others. Books about occupations; a reading list for high school students. (Kan. studies in education, v7, no2) School of education, Univ. of Kan. '57 48p annot
- Angel, Juvenal Londoño. Careers in export, import and foreign operations fields. 3d ed rev & enl (Monograph no2) World trade '56 p25-6
- Angel, Juvenal Londoño. Careers in hotel and restaurant administration. World trade acad. press '55 p25-6
- Angel, Juvenal Londoño. Careers with a future in the commercial field. 2d ed rev & enl (Monograph no 11) World trade '57 p21-2
- Angel, Juvenal Londoño. Looking for employment in foreign countries. 4th ed rev & enl World trade '59 p 128-31
- Angel, Juvenal Londoño. Why and how to prepare an effective job resume. World trade acad. press '55 p44-6
- Brewer, John Marks, and Landy, Edward. Occupations today. new ed Glnc '56 p370-4
- Encouraging future scientists: keys to careers, 1953-1959 (5th) edition; prepared under the supervision of Dr. Orval L. Urvy. Future scientists of Am. foundation, Nat. science teachers assn. '58 43p annot
- Forrester, Gertrude. Occupational literature; an annot. bibliography. Wilson '58 603p
- Galus, Henry S. Charting your course; a vocation guidebook for boys; with a foreword by Harold Cooper. Macrae Smith co. '57 p290-304
- Gillen, Paul Bates. Distribution of occupations as a city yardstick. King's crown press '51 p 139-41
- Giovanni, Sister Maria. Vocations in your classroom. Maryknoll '58 incl bibliog annot
- Greenleaf, Walter James. Occupations and careers. McGraw '55 incl bibliog
- Hughes, Everett Cherrington. Men and their work. Free press '58 p 177-80
- Kitson, Harry Dexter, and Lingenfelter, Mary Rebecca. Vocations for boys; rev ed. [by the auth. and.] Edgar Morgan Stover. Harcourt '55 p344-61
- Library association. County libraries section. Choice of careers. 2d ed (Readers' guide, new ser. no31) The section '56 24p
- Same. 3d ed (Readers' guide, new ser. no49) The section '59 29p

OCCUPATIONS—Continued

National book league. Selected books on careers. The league '57 13p annot

National vocational guidance association. Guidance information review service committee. NVGA bibliography of current occupational literature. The association '56 40p

Neal, Harry Edward. Pathfinders, U.S.A.; your career on land, sea and air. Messner '57 p 179-85

New York life insurance company. Career information service. Guide to career information; a bibliog. of recent occupational literature; foreword by Devereux C. Josephs. Harper '57 203p annot

Occupational index. Personnel services. See numbers

Paradis, Adrian A. From high school to a job. McKay '56 incl bibliog

Roe, Anne. Psychology of occupations. (Wiley pubs. in the mental health sciences) Wiley '56 incl bibliog

Shostock, Robert. What to read guide; a bibliog. of current literature on 400 occupations and industries. 2d rev ed B'nai B'rith vocational service bur. '56 180p

Smith, Leonard J. Career planning. Harper '59 incl bibliog

United States. Department of labor. Occupational information for counselors: an annotated bibliography. The department '56 16p

—Same. rev ed The department '58 24p

United States. Superintendent of documents. Occupations. (Price list 33A, 10th ed) U.S. Gov. ptg. office '57 11p

Vocational advisory service. Information department. Sources of information; bibliogs. and listings. The department '58 10p

Zapoleon, Marguerite (Wykoff). College girl looks ahead to her career opportunities. Harper '56 p261-3

See also

Job analysis
Occupational mobility
Profession, Choice of
Professions
Vocational guidance

Diseases and hygiene

See Diseases, Industrial; Hygiene, Industrial

OCCUPATIONS, Dangerous

See also

Accidents, Industrial

OCEAN

Barnes, Harold. Oceanography and marine biology; a bk. of techniques. Macmillan '59 p204-13

Bibliography. See numbers of American geophysical union. Transactions thru 1958

Cox, Charles, and Munk, Walter. Slopes of the sea surface deduced from photographs of sun glitter. (Calif. Univ. Scripps inst. of oceanography. Bul. v6, no9) Univ. of Calif. press '56 p478-9

Garner, D. M. Sub-tropical convergence in New Zealand surface waters. N Z J Geol & Geophys 2:336-7 My '59

Koczy, F. F. Geochemistry of the radioactive elements in the ocean. Deep Sea Res 3:102-3 F '56

Malkus, Alida Sims. Sea and its rivers. Doubleday '56 p212-14

Montgomery, R. B. Water characteristics of Atlantic ocean and of world ocean. Deep Sea Res 5:147-8 N '58

National book league. Selected books on the oceans and their creatures. The league '58 15p annot

Pattulo, J. and others. Seasonal oscillation in sea level. J Marine Res 14 no 1:111-13 '55

Regional bibliography, 1954[-1958] Bul Marine Sci Gulf & Carib 5:147-59; 6:261-72; 7:276-87; 8:285-98; 9:337-48 Je '55, S '56, S '57, S '58, S '59

Roden, G. I. Oceanographic and meteorological aspects of the Gulf of California. Pac Sci 12: 43-5 Ja '58

Stommel, H. Survey of current ocean theory. Deep Sea Res 4 no3:183-4 '57

Tricart, J. Nota sobre as variações quaternárias do nível marinho. Bol Paulista Geog no28:11-13 Mr '58

See also

Hydrography
Marine biology
Marine fauna
Marine flora
Navigation
Ocean currents
Sea level
Sea water
Sounding
Tides
Waves

OCEAN bottom

Ewing, J. and Ewing, M. Seismic refraction measurements in the Atlantic Ocean basins, in the Mediterranean sea, on the Mid-Atlantic ridge, and in the Norwegian sea. Geol Soc Am Bul 70:315-17 Mr '59

Gorsline, D. S. and Emery, K. O. Turbidity current deposits in San Pedro and Santa Monica basins off southern California. Geol Soc Am Bul 70:290 Mr '59

Herdman, H. F. P. and others. Proposed names of features on the deep-sea floor: Southern or Antarctic ocean. Deep Sea Res 3:260-1 S '56

Holtehdahl, H. Geology and paleontology of Norwegian sea bottom cores. J Sed Petrol 29:28-9 Mr '59

Ludwick, J. C. and Walton, W. R. Shelf-edge, calcareous prominences in northeastern Gulf of Mexico. Am Assn Pet Geol Bul 41:2101 S '57

Oliver, J. E. and others. Crustal structure and surface-wave dispersion. Geol Soc Am Bul 66:946 Jl '55

See also

Deep sea deposits
Submarine geology
Submarine topography
Volcanoes, Submarine

OCEAN currents

Neumann, Paul Gerhard. On the dynamics of wind-driven ocean-currents. (N.Y. univ. College of engineering. Dept. of meteorology and oceanography. Meteorological papers, v2, no4) N.Y. univ. press '55 p33

Rice, M. L. Recent literature on waves, current and swell. Meteorol Abst & Bibliog 9:472-503 Ap '58

Von Arx, W. S. and others. On the fine-structure of the Gulf Stream front. Deep Sea Res 3:64-6 O '55

Wüst, G. Stromgeschwindigkeiten in tiefen- und bodenwasser des Atlantischen ozeans auf grund dynamischer berechnung der meteorprofile der Deutschen atlantischen expedition 1925/27. Deep Sea Res 3 sup:396-7 D '55

See also

Gulf stream

OCEAN life. See Marine biology

OCEAN temperature

Robinson, Margaret K. Sea temperature in the gulf of Alaska and in the northeast Pacific ocean, 1941-1952. (Calif. Univ. Scripps inst. of oceanography. Bul. v7, no 1) Univ. of Calif. press '57 p94-8

OCEANIA

Bibliographie de l'Océanie, 1950[-1957] Soc Océan J 7:327-70; 8:329-61; 9:413-48; 10:231-63; 11:181-220; 12:379-410; 13:117-47; 14:171-204 D '51, D '52, D '53, D '54, D '55, D '56, D '57, D '58

Fair, A. ed. Guide to book values: New Zealand, Australia, Pacific, Antarctic; bk. auction records, 1952-1956. The author '56 96p

See also

Melanesia
Micronesia
Polynesia

Antiquities

Gifford, Edward Winslow, and Shutler, Dick. Archaeological excavations in New Caledonia. (Anthropological records, v 18, no 1) Univ. of Calif. press '56 p 112-13

Bibliography

Leeson, Ida. Bibliography of bibliographies of the South Pacific. Oxford '54 61p

Languages

Klieneberger, Hans Rudolf. Bibliography of Oceanic linguistics. (London oriental bibliogs, v 1) Oxford '57 143p

OCEANOGRAPHIC instruments

United States. Office of naval research. Symposium on oceanographic instrumentation, Rancho Santa Fe, Calif, June 21-23, 1952; eds: John D. Isaacs and Columbus O'D. Iselin. (Pub. 309) Nat. research council '54 incl bibliog

OCEANOGRAPHIC research

Ewing, M. and Heezen, B. C. Oceanographic research programs of the Lamont geological observatory. *Geog R* 46:532-5 O '56

OCEANOGRAPHY

Bibliographia oceanographica, 1950, 1955. (V23, 28) Int. comm. for the scientific exploration of the Mediterranean sea '56-'53 2v

v24-27 not yet published.

Dietrich, Günter. Allgemeine meereskunde; eine einföhrung in die ozeanographie; mit beiträgen von Kurt Kalle. Borntraeger '57 p458-71

Japan. National commission for UNESCO. Oceanographic papers in Japan (annotated bibliography) 1873-1938. The commission '57 235p

National academy of sciences, Washington, D.C. Committee on effects of atomic radiation on oceanography and fisheries. Effects of atomic radiation on oceanography and fisheries, report. (Pub. no551) Nat. research council '57 incl bibliog

New Zealand. Oceanographic committee. Bibliography of New Zealand oceanography, 1949-1953. (Wellington, N.Z. Oceanographic inst. Memoir no 1; N.Z. Dept. of scientific and industrial research. Geophysical memoir 4) Oceanographic inst. '55 18p

Rice, M. L. Recent literature on dynamic and physical oceanography (supplement) Meteorol Abst & Bibliog 9:731-73 Je '58

Rice, M. L. Recent literature on physico-chemical oceanography. Meteorol Abst & Bibliog 9:598-631 My '58

Scruton, P. C. Oceanography of Mississippi Delta sedimentary environments. *Am Assn Pet Geol Bul* 40:2950-2 D '56

Terry, Richard D. Bibliography of marine geology and oceanography, California coast. (Special rep. 44) Calif. Div. of mines '55 131p

Texas. Agricultural and mechanical college, College station. Department of oceanography. Collected reprints in oceanography and meteorology, numbers 1-30, 1950-1954. The college '55? incl bibliog

Wooster, Warren Scriver. Oceanographic observations in the Panama Bight, Askoy expedition, 1941. (Bul. v 118, article 3) Am. museum of natural history '59 p 150-1 annot

OCKHAM, William d 1349?

Vasoli, Cesare. Guglielmo d'Occam. (Biblioteca di cultura, 50) Nuova Italia '53 p301-32

O'CONNOR, Flannery, 1925-

Wedge, G. F. [Bibliographyl. Critique 2:59-63 Fall '58

ODONATA. See Dragon flies**ODORS**

Society of chemical industry. Molecular structure and organoleptic quality; comprising papers read at a symposium organized by the Overseas sec. held in Geneva, 2-3 May, 1957. (Monograph no 1) The society; Macmillan '57 incl bibliog

See also

Insects. Effect of odors on

OEDOGONIACEAE

Tiffany, L. H. Oedogoniaceae. *Bot R* 23:59-63 Ja '57

OESTERREICH, Traugott Konstantin, 1880-1949

Oesterreich, Traugott Konstantin. Traugott Konstantin Oesterreich: ich-forscher und gottsucher; Lebenswerk und lebensschicksal, von Maria Oesterreich. Frommann '54 incl bibliog

OESTROGENS. See Estrogens**ESTRUATION. See Estruation****OFFENBACH, Jacques, 1819-1880**

Offenbach, Jacques. Orpheus in America: Offenbach's diary of his journey to the New World; tr. by Lander MacClintock. Ind. univ. press '57 p 199-200

OFFENSES, Military. See Military offenses**OFFICE buildings**

Cowgill, C. H. Executive architecture. *Am Inst Arch J* 31:67-70 Ap '59

Mutual life insurance company of New York. Research library. Office buildings; a bibliography [prepared by Catharine Heinz] The company '57 11p annot

OFFICE machines. See Calculating machines; Electronic calculating machines**OFFICE management**

NOMA bibliography for office management; a classified comp. of sel. references to bks, magazine articles and pamphlets pub. from July 1, 1952 to June 30, 1957-1958 Nat. office management assn '57-'58 2v annot

Michigan. State library. Office management and work simplification; a sel. list prepared for the Seminar on adm. procedures, Feb. 5-Mar. 12, 1959. The library '59 4p annot

Niles, Henry Edward, and others. Office supervisor; his relations to persons and to work. 3d ed Wiley '59 p289-93 annot

Snowwhite, M. and DeHart, F. Office management. Bsns Lit 31:13-14, 19-20; 32:21-2 Mr. Je. S '59 annot

See also

Office practice**OFFICE practice**

Wheeler, J. L. Selected references on work simplification: sometimes termed method study, or motion study. *News Notes Calif Lib* 48:334-6 Ap '53 annot

OFFICE workers

Bell, Mary L. and Abrams, Ray. Business behavior; personality training for business men and women. 2d ed South-Western pub. '56 p321-3

MacGibbon, Elizabeth Gregg. Fitting yourself for business. 3d ed Gregg '55 p389-96

See also

Secretaries**OHIO**

Martha Kinney Cooper Ohiana library association. Ohio authors and composers, 1955[-1959] (No 16-20) The association '55-'59 5v 1955, p41-6; 1956, p37-42; 1957, p48-53; 1958, p42-6; 1959, p47-55 annot

Antiquities

Survey of publications in Ohio history and archaeology, August 1954-July 1955[-August 1958-July 1959] Ohio Hist Q 64:438-53; 65: 403-14; 66:407-17; 67:369-79; 68:408-18 O '55, O '56, O '57, O '58, O '59

History

Sears, Alfred Byron. Thomas Worthington; father of Ohio statehood. Ohio state univ. press '58 p243-50

Survey of publications in Ohio history and archaeology, August 1954-July 1955[-August 1958-July 1959] Ohio Hist Q 64:438-53; 65: 403-14; 66:407-17; 67:369-79; 68:408-18 O '55, O '56, O '57, O '58, O '59

Politics and government

Aumann, Francis Robert, and Walker, Harvey. Government and administration of Ohio. (Am. commonwealth ser, v33) Crowell '56 p479-82

Rose, Albert Henry. Ohio government, state and local; sesqui-centennial edition. Educational pubs. '53 incl bibliog

OHIO valley**Antiquities**

Webb, William Snyder, and Baby, Raymond S. Adena people, no2; with chapters by Charles E. Snow and Robert M. Goslin. Ohio state univ. press '57 p 115-19

OIL. See Petroleum**OIL as fuel. See Oil fuel****OIL fuel**

Schab, H. W. Bibliography of a decade of research on oil-ash corrosion by heavy fuels (1948-1958) *Am Soc Naval Eng J* 70:761-71 N '58 annot

OIL industries

See also

Petroleum industry and trade

OIL palm

Vanderweyen, R. Notions de culture de l'elaeis au Congo belge. Direction de l'agriculture, des forêts, des élevages & de la colonisation '52 p289-92

OIL shales

Prien, C. H. and Perch, M. Pyrolysis of coal and shale. *Ind & Eng Chem* 47:1915; 48:1657; 49:1551-2; 50:1405 S '55, S '56, S '57, S '58

Tulsa. Public library. Technical division. Oil shale and shale oil. (Petroleum bibliog. no38) The library '57 65p

OIL tanks

Hoffman, E. L. Paint colors and their effect in reducing storage tank losses. *Pet Eng* 28:D-72 Ja '56

Hume, J. S. Corrosion of oil-industry storage tanks. *Oil & Gas J* 55:153-4+ N 11 '57

OIL wells

Eilerts, C. Kenneth, and others. Phase relations of gas-condensate fluids; v 1, Test results, apparatus, and techniques. (U.S. Bur. of mines. Monograph 10) Am. gas assn. '57 incl bibliog

OILS and fats

Abstracts; oils and fats, biology and nutrition, waxes, detergents, drying oils. See numbers of American oil chemists' society. Journal

Annual review of the literature on fats, oils, and detergents. Am Oil Chem Soc J 32: 255-71, 319-41; 33:203-18, 240-63; 34:222-39, 264-93; 35:208-25, 288-316 My-Je '55, My-Je '56, My-Je '57, My-Je '58

Barnett, G. Lanolin derivatives and modifications; sup. review. Drug & Cosmetic Ind 83:374 S '58

Council of scientific & industrial research, New Delhi. Literature review on fats & oils, 1951(-1957) The council '54-'59 6v

Documentation analytique. See numbers of Oileagineux

Fats, oils, detergents; abstract service. Inter-science. See numbers thru 1958

Keane, K. W. and others. Biological and chemical studies on commercial frying oils. J Nutrition 68:73-4 My '59

Piskur, M. M. Bibliography on oils and fats. Am Oil Chem Soc J 33:22-3 My '56

See also

Essences and essential oils

Lubrication and lubricants

Olive oil

Rancidity

Tall oil

Tallow

Wool fats

OJIBWA Indians. See Chippewa Indians**OKINAWA island***History*

Kerr, George H. Okinawa: the history of an island people. Tuttle '58 p491-518

OKLAHOMA

Oklahoma. State library, Oklahoma City. Oklahoma: Oklahoma authors and books about Oklahoma in the collection of the Library extension division of the Library as of October 1, 1957. The library '57 15p

Oklahoma. University. Institute of community development. Bibliography of theses on Oklahoma in the University of Oklahoma library; comp. by Mary E. Morris. The institute '56 104p

United States. Library of Congress. Oklahoma, the semicentennial of statehood, 1907-1957; an exhibition in the Library. Nov. 13, 1957, to Feb. 15, 1958. (State exhibition catalogs, 19) The library '57 70p

OLD age

American labor education service. Aging and the aged; annot. bibliog. for use in labor education. The service '59 11p annot

American medical association. Council on medical service. Committee on indigent care. Selected bibliography on problems of the aging. The association '55 30p annot

American psychological association. Division on maturity and old age. Psychological aspects of aging; proceedings of a conference on planning research. Bethesda, Md. Apr. 24-27, 1955; John E. Anderson, editor. The association '56 p303-15

Association for research in nervous and mental disease. Neurologic and psychiatric aspects of the disorders of aging; proceedings of the Association. Dec. 9 and 10, 1955, New York. (Research pubs. v35) Williams & Wilkins '56 incl bibliog

Binet, Léon René, and Bourlière, François. Précis de gérontologie; avec la collaboration de M. Aubry [et al] Masson '55 incl bibliog

Carpenter, Niles. Programs for older people in Great Britain. (Studies, v24, no4; Monographs in sociology, no7) Univ. of Buffalo '59 p360-3

Ciba foundation. Ciba foundation colloquia on ageing; eds: G. E. W. Wolstenholme [and others] Little '55-'56 2v incl bibliog

Coll, Neal A. Selective bibliography on aging and old age; comp. for the Kirkpatrick memorial workshop on aging. Ball state teachers college '58 27p

Comfort, Alexander. Biology of senescence. Rinehart '56 p201-44

Cornell university. Housing research center. Housing requirements of the aged; a study of design criteria. N.Y. State div. of housing '58 p75-124 annot

Council of state governments. Recommended state action for the aging and aged; a summary of recommendations on problems of the aging as comp. from reps. of state agencies. The council '56 p49-52

Council of state governments. States and their older citizens; a rep. to the Governors' conference. The council '55 p 167-76 annot

Cowdry, Edmund Vincent. Care of the geriatric patient. Mosby '58 incl bibliog

Donahue, Wilma (Thompson) comp. Education for later maturity; a handbook. White-side '55 p325-8

Drake, Joseph T. Aged in American society. Ronald '58 p401-13

Falzone, J. A. and Shock, N. W. Physiological limitations and age. Public Health Rep 71: 1193 D '56

Fox, Joseph. Problems of the Jewish aged in the community. The author '52 p48-52

Gleason, George. Horizons for older people. Macmillan '56 p 124-37

Governor's conference on financing health costs of the aged, Albany, 1956. Financing health costs of the aged [rep. of the Conference convened by Governor Averell Harriman at the State Capitol in Albany, 1956. Interdepartmental com. on problems of the aging '57 p233-9

Gruman, G. Introduction to literature on the history of gerontology. Bul Hist Med 31: 78-83 Ja '57

Homburger, Freddy. Medical care of the aged and chronically ill; with particular emphasis on degenerative disorders, advanced cancer, and other as yet incurable diseases. Little '55 incl bibliog

Illinois. Public aid commission. Staff development section. Studies in late maturity and the aged [comp. and adapted by Saul Kasman] The section '52 incl bibliog

Index to current periodical literature. See numbers of Journal of gerontology

Jacobs, H. Lee. Churches and their senior citizens, rev ed Inst. of gerontology, State Univ. of Iowa '58 p26-33 annot

Kaplan, Oscar J. ed. Mental disorders in later life. 2d ed Stanford Univ. press '56 incl bibliog

Kimmel, Dorothy G. Homemaker service for older people; 6th in a ser. of reps. from public welfare depts. on how public welfare serves aging people. Am. public welfare assn. '55 p 15

Kish, Henriette. Questions older people ask. Dutton '55 p 143-56

Kutner, Bernard. Five hundred over sixty; a community survey on aging. Russell Sage '56 p309-35

Louisiana. Commission on the aging. Reading opportunities for senior citizens: know yourself. The commission '58 10p annot

Michigan. University. Conference on aging, 1952. Housing the aging; ed. by Wilma Donahue; with a foreword by Everett J. Soop. Univ. of Mich. press '54 p273-5

Morgan, A. F. and others. Nutritional status of the aging. J Nutrition 55:287-8, 302-3, 447-8, 467-8, 669-70, 684-5 F-Apr '55

Mori, F. Sul problema del deterioramento mentale dei vecchi. Bol Psicol & Social App no31/36:137-49 F '59

Princeton university. Industrial relations section. Cost and financing of health care for the aged. (Sel. references, no89) The section '59 8p annot

Salembier, Yves. Chirurgie gérontologique; bases biologiques, la pratique pré, per et post-opératoire chez le vieillard; préf. du prof. P. Razemon. L'Expansion '57 p 149-56

Seminar on the aging, Aspen, Colorado. Toward better understanding of the aging; seminar [held] Sept. 8-13, 1958 [contributors: Katherine A. Kendall and others; ed. by Janice L. Gorn] (Proceedings, v 1) Council on social work education '59 2v v 1, p 123-7; v2, p 10-14, 89-93

Shock, Nathan Wetheril. Classified bibliography of gerontology and geriatrics; Supplement one, 1949-1955. Stanford Univ. press '57 525p

Shock, Nathan Wetheril. Trends in gerontology. 2d ed Stanford Univ. press '57 p 187-203

Southern conference on gerontology. Aging and retirement; a rep. on the 5th annual Conference held at the Univ. of Fla., Dec. 28-30, 1954; ed. by Irving L. Webber. (Fla. Univ. Inst. of gerontology ser, v5) Univ. of Fla. press '55 incl bibliog

OLD age—Continued

- Southern conference on gerontology. Organized religion and the elder person: a rep. on the 8th annual conference, held at the Univ. of Fla., Apr. 10-11, 1958; ed. by Delton L. Scudder [bibliog. by Margaret E. Knox] (Fla. Univ. Inst. of gerontology. Pubs. v8) Univ. of Fla. press '58 p 111-13
- Townsend, Peter. Family life of old people; an inquiry in East London; foreword by J. H. Sheldon. (Inst. of community studies. Reps. 2) Free press '57 p272-6
- United States. Department of health, education, and welfare. Library. Selected references on aging; an annot. bibliog. 1955; comp. for the Com. on aging. U.S. Gov. ptg. office '55 64p
- United States. Department of health, education and welfare. Library. Selected references on aging; an annot. bibliog. comp. for the Special staff on aging. U.S. Gov. ptg. office '59 110p
- United States. Federal council on aging. Federal publications on aging; sel. reps. by federal agencies. The council '58 31p
- Williams, G. C. Pleiotropy, natural selection, and the evolution of senescence. *Evolution* 11:411 D '57
- Zarncke, Lilly. Das alter als aufgabe; alterspsychologie als grundlage der altersfürsorge. Lambertus-verlag '57 p211-12
- See also
- Age and employment
- Old age pensions
- Recreation for the aged
- Diseases
- Johns Hopkins university. School of hygiene and public health. Symposium on problems of gerontology; proceedings of a symposium held under the auspices of the School and the Nat. vitamin foundation, inc. New York, March 2, 1954. (Nutrition symposium ser. no9) Nat. vitamin foundation '54 incl bibliog
- OLD age homes
- Michigan. University. Conference on aging, 1952. Housing the aging; ed. by Wilma Donahue; with a foreword by Everett J. Soop. Univ. of Mich. press '54 p273-5
- OLD age pensions
- Germany
- Weiss, Albrecht. Handbuch der betrieblichen altersfürsorge, in zusammenarbeit mit Heinz Gehrhardt [et al] (Mensch und arbeit, sup6) Steinebach '52 p 163-73
- OLD ENGLISH language. See Anglo-Saxon language
- OLD FRENCH language. See French language—Old French
- OLD HIGH GERMAN language. See German language—Old High German
- OLD NORSE language. See Icelandic and Old Norse languages
- OLD PERSIAN language
- Kent, Roland Grubb. Old Persian: grammar, texts, lexicon. 2d ed rev (Am. oriental ser. v33) Am. oriental soc. '53 p 1-2
- OLD SWEDISH language. See Swedish language—Old Swedish
- OLDENBURG
- History
- Lübbing, Hermann. Oldenburgische landesgeschichte. Stalling '53 p203-7
- OLFACTORY sense. See Smell
- OLIGOCHAETA
- See also
- Earthworms
- OLIGOPOLIES
- Shubik, Martin. Strategy and market structure; competition, oligopoly, and the theory of games. Wiley '59 p371-8
- OLIVE oil
- Camps-Fabrer, Henriette. L'olivier et l'huile dans l'Afrique romaine. (Algeria. Services des antiquités. Missions archéologiques) Impr. officielle '53 p88-95
- Frezzotti, Giuseppe, and others. Olive oil processing in rural mills. (FAO agricultural development paper no58) Food & agriculture organization of the United nations '56 p 101-3
- Same; with title: Fabrication de l'huile d'olive dans les huileries rurales. (FAO agricultural development paper no58) Food & agriculture organization of the United nations '56 p 102-4
- OLIVETTI, Adriano, 1901-
Labò, Mario. L'aspetto estetico dell' opera sociale di Adriano Olivetti. Görlich '57 p63
- OLIVINE
- Wilkinson, J. F. G. Olivines of a differentiated teschenite sill near Gunnedah, New South Wales. *Geol Mag* 93:454-5 N '56
- Yoder, H. S. and Sahama, T. G. Olivine X-ray determinative curve. *Am Min* 42:489-91 J1 '57
- OLYMPIC National park, Washington (state)
- Dyer, P. Olympics, a bibliography. Mountaineer 52:71-95 Mr 1 '59
- OMICCIOLI, Giovanni, 1901-
Omiccioli, Giovanni. Giovanni Omiccioli; presentazione di Giorgio Bassani. (Artisti d'oggi) De Luca '52 p34-40
- ONAGRACEAE
- See also
- Clarkia
- ONCHOCERCIASIS
- Pan American sanitary bureau. Bibliography of onchocercosis (incl. sel. studies to June 1945) Bibliografía de la onchocercosis (incluye estudios seleccionados hasta junio 1945) (Pub. no242) The bureau '50 339p
- O'NEAL, James, 1875-
Pamphlets by James O'neal in the Tamiment institute library. Tamiment Inst Lib Bul 21: 2-3 Mr '59
- ONIONS
- American potato yearbook, 1955[1959] Macfarland '55-59 5v 1955, p72-+; 1956, p63-9; 1957, p68-9; 1958, p70-1; 1959, p72
- ONTARIO
- Rankin, R. A. Bibliography of materials in Fort William public library relating to Fort William, Fort Arthur, and northwestern Ontario. Ont Lib R 43:140-6 My '59 annot
- Industries and resources
- Spelt, J. Urban development in south-central Ontario. (Sociaal geografische studies, no2; Utrecht. Rijksuniv. Geographisch inst. Pub. no A 12) Van Gorcum '55 p227-38
- ONTOGENY (botany)
- Crotty, W. J. Trends in the pattern of primordial development with age in the fern *acrostichum daneae* folium. *Am J Bot* 42:635-6 J1 '55
- Sacher, J. A. Cataphyll ontogeny in *pinus lambertiana*. *Am J Bot* 42:90-1 Ja '55
- Tucker, S. C. Ontogeny of the etiolated seedling mesocotyl of *zea mays*. *Bot Gaz* 118: 174 Mr '57
- ONTOLOGY
- Vial, Jeanne. Le sens du présent; essai sur la rupture de l'unité originelle. Vrin '52 p243-7
- See also
- Metaphysics
- OOCYTES
- Parker, D. R. and McCrone, J. Genetic analysis of some rearrangements induced in oocytes of *drosophila*. *Genetics* 43:185-6 Mr '59
- OOGENESIS
- See also
- Ovum
- OPEN hearth furnaces
- Günther, R. Flame studies: methods and results; tr. by T. H. Elmer. *Glass Ind* 39:500-+ S '58
- Héuer, R. P. and Fay, M. A. All-basic open hearth furnace. *Iron & Steel Eng* 34:116-17 F '57
- OPERA
- Cross, Milton. New Milton Cross' complete stories of the great operas; rev & enl ed; ed. by Karl Kohrs. Doubleday '55 p670-1 annot
- Peyser, Ethel Rose, and Bauer, Marion. How opera grew; from ancient Greece to the present day. Putnam '56 p469-75
- OPERATIONAL calculus. See Calculus, Operational
- OPERATIONAL research. See Operations research
- OPERATIONS research
- Abstracts. See numbers of Operations research
- Case institute of technology, Cleveland. Operations research group. Comprehensive bibliography on operations research, through 1956, with supplement for 1957. (Operations research soc. of Am. Pubs. in operations research, no4) Wiley '58 188p
- Churchman, Charles West, and others. Introduction to operations research. Wiley '57 incl bibliog

OPERATIONS research—Continued

- Churchman, C. W. and Ackoff, R. L. Operational accounting & operations research. *J Account* 99:38-9 F '55
- French, C. E. and others. Application of operations research in farm operations and agricultural marketing. *Operations Res* 6: 773-5 S '58
- Haight, F. A. Toward a unified theory of road traffic. *Operations Res* 6:825-6 N '58
- Johnson, R. C. and others. Computers, mathematics, statistics, and operations research. *Ind & Eng Chem* 51:429-31 Mr '59
- McCloskey, Joseph F. and others, eds. Operations research for management (bibliogs. by Vera Riley) Johns Hopkins press '54-'56 2v v 1, p383-401; v2, p541-56
- McKean, Roland Neely. Efficiency in government through systems analysis; with emphasis on water resources development. (Operations research soc. of Am. Pubs. in operations research, no3) Wiley '58 p311-18
- Metzger, Robert W. Elementary mathematical programming. Wiley '58 p240-4
- Operations research: challenge to modern management; a student report. Graduate school of business adm. Harvard univ. '54 p 112-13, 118-20
- Riley, Vera. Annotated bibliography on operations research. (Bibliog. reference ser, no 1) Operations research office, Johns Hopkins univ. '53 1v
- Sparling, David M. and others. Operations research and business. The authors '53 p 103-6
- Tripodi, A. R. Ricerca operativa. *Aerotecnica* 38:344 D '58

OPERATIVE surgery. See Surgery, Operative**OPHTHALMOLOGY**

- Fulner, H. H. and Sachsenweger, R. Die augenheilkunde an der Universität Halle. *Halle Univ Wiss Z Math Naturw Reihe* 7: 417-18 J1 '58
- Ophthalmic literature. British medical assn. See numbers
- Schlaegel, T. F. and Hoyt, Millard. Psychosomatic ophthalmology. Williams & Wilkins '57 incl bibliog
- Vaughan, Daniel, and others. General ophthalmology. *Lange medical* '58 incl bibliog
- See also
Industrial ophthalmology
- OPITZ, Martin, 1597-1639
- Szyrocki, Marian. Martin Opitz. (Neue beiträge zur literaturwissenschaft, v4) Rütten & Loening '56 p 161-216
- OPOSSUMS
- Hamilton, William John. Life history and economic relations of the opossum (*Didelphis marsupialis virginiana*) in New York state. (Memoir 354) Agricultural experiment station, N.Y. State college of agriculture, Cornell univ. '58 p45-8

OPTIC nerve

- Waterman, T. H. and Wiersma, C. A. G. Functional relation between retinal cells and optic nerve in limulus. *J Exp Zool* 126:83-5 Je '54

OPTIC thalamus

- Walls, Gordon Lynn. Lateral geniculate nucleus and visual histophysiology. (Calif. Univ. Pubs. in physiology, v9, no 1) Univ. of Calif. press '53 p94-100

OPTICAL glass. See Glass, Optical**OPTICAL instruments**

- Revue des périodiques. See numbers of *Revue d'optique*
- See also

Microscope and microscopy

Mirrors

Prisms

Telescope

OPTICS

- Istituto nazionale di ottica, Florence. Catalogo delle pubblicazioni, 1958. The institute '58 149p

- Pollack, Philip. Opportunities in optometry and optics. Vocational guidance manuals '55 p93-4

- Revue des périodiques. See numbers of *Revue d'optique*
- See also

Color

Diffraction

Fluorescence

Photochemistry

Photometry

Reflection (optics)

Visibility

OPTICS, Electronic. See Electron optics**OPTICS, Geometrical**

- Herzberger, Max. Modern geometrical optics. (Pure and applied mathematics, v8) Interscience pub. '58 p489-96

OPTICS, Meteorological. See Meteorological optics**OPTICS, Physiological**

- Sheard, Charles. Sheard volume; sel. writing in visual and ophthalmic optics, incl. the monographs on dynamic ocular tests, dynamic skiametry and methods of testing the relationships between accommodation and convergence, and ophthalmic optics. Chilton '57 incl bibliog
- See also

Color sense

Eye

Sight

OPTOMETRY

- Pollack, Philip. Opportunities in optometry and optics. Vocational guidance manuals '55 p93-4
- See also

Eye—Accommodation and refraction

ORAL interpretation

- Lynch, Gladys Emily, and Crain, Harold C. Projects in oral interpretation. Holt '59 incl bibliog

ORANGES

- Harding, B. B. and others. Size fluctuations of Valencia oranges in major California citrus districts, 1932 to 1952, indicate significance of climate as a cause of small-sized fruit. *Am Soc Hort Sci Proc* 64:137-8 '54

ORATORY

- Holloway, O. Willard. Speaking improvement; sel. study materials. (Special bibliog, no 17) U.S. Army artillery & missile school lib. '58 9p

- Speech association of America. Table of contents of the Quarterly journal of speech, 1915-1956. Speech monographs, 1934-1956, and the Speech teacher, 1952-1956; with a rev. index comp. through 1956, by Franklin H. Knowler. The association '57 74p

- University interscholastic league. Prose and poetry bibliography, for use in the elementary school, junior and senior declamation, and poetry reading contests. (Tex. Univ. Pub. no5621 [i.e.] 5617) Univ. of Tex. '56 13p
- See also

Debates and debating

Public speaking

ORCHARD heating. See Frost protection**ORCHARDS. See Fruit culture****ORCHESTRA**

- See also

Conducting

ORCHIDS

- Withner, Carl Leslie, ed. Orchids, a scientific survey. (Chronica botanica; new ser of plant science bks, no32) Ronald '59 incl bibliog

ORDEAL

- Leitnauer, Charlotte. Die kirche und die gottesteile; eine rechtshistorische studie. (Wiener rechtsgeschichtliche arbeiten, 2) Verlag Herold '53 p 135-8

ORDER of the Visitation

- Catta, Etienne. La Visitation Sainte-Marie de Nantes, 1630-1792; la vie d'un monastère sous l'ancien régime. (Études de théologie et d'histoire de la spiritualité, 13) J. Vrin '54 p9-14

ORDINATION (canon law)

- Dlouhy, Maur John. Ordination of exempt religious; a history and a commentary. (Catholic univ. of Am. Canon law studies, no271) Catholic univ. of Am. press '55 p 134-40

ORDNANCE

- See also

Artillery

ORE deposits

- Australasian institute of mining and metallurgy, Melbourne. Geology of Australian ore deposits; a symposium arr. by a com. of the Institute and ed. by A. B. Edwards. (Empire mining and metallurgical congress, 5th, Australia and New Zealand, 1953. Pubs, v 1) Office of the congress '53 incl bibliog

- Cornwall, H. R. Summary of ideas on the origin of native copper deposits. *Econ Geol* 51:627-31 N '56

ORE deposits—Continued

- Davidson, C. F. On the occurrence of uranium in ancient conglomerates. *Econ Geol* 52: 691-3 S '57
- Hawley, J. E. Magmatic vs metamorphic source of ores. *Roy Soc Can Trans* 50:16-18 Je '56
- Heinrich, Eberhardt William. Mineralogy and geology of radioactive raw materials. McGraw '58 p557-614
- Holland, H. D. Chemical composition of vein minerals and the nature of ore forming fluids. *Econ Geol* 51:796-7 D '56
- Jensen, M. L. Sulfur isotopes and hydrothermal mineral deposits. *Econ Geol* 54:394 My '59
- Kraume, Emil, and others. Die erzlager des Rammelsberges bei Goslar. (Geologisches Jahrbuch. Beihefte, no 18; Monographien der deutschen blei-zink-erzlagerstätten, 4) Amt für bodenforschung '55 p358-71
- Krauskopf, K. B. Heavy metal content of magmatic vapor at 600° C. *Econ Geol* 52: 807 N '57
- Lewis, D. V. Relationships of ore bodies to dikes and sills. *Econ Geol* 50:514-16 Ag '55
- Lovering, T. G. Temperatures and depth of formation of sulfide ore deposits at Gilman, Colorado. *Econ Geol* 53:706-7 S '58
- McKinstry, H. Source of iron in pyritized wallrocks. *Econ Geol* 52:753-4 N '57
- Mutch, A. D. Critical evaluation of the classification of ore deposits of magmatic affiliations. *Econ Geol* 51:684-5 N '56
- Nishihara, H. Origin of the bedded magnesite deposits of Manchuria. *Econ Geol* 51:709-11 N '56
- Ridge, John Drew. Selected bibliographies of hydrothermal and magmatic mineral deposits. (Memoir 75) Geological soc. of Am. '58 199p
- Schwartz, G. M. Argillic alteration and ore deposits. *Econ Geol* 51:413-14 Ag '56
- Wisser, E. H. Cordilleran ore districts in relation to regional structure. *Can Min & Met Bul* 52:41 Ja '59
- See also*
- Copper ores
- Iron ores
- Lead ores
- Manganese ores
- Nickel ores
- Pyrites
- Thorium ores
- Uranium ores
- ORE dressing**
- Dunkin, H. H. ed. Ore dressing methods in Australia and adjacent territories. (Empire mining & metallurgical congress, 5th, Australia and New Zealand, 1953. Pubs. v 3) Office of the Congress, Australasian inst. of mining & metallurgy '53 incl bibliog
- International mineral dressing congress, Stockholm, 1957. Progress in mineral dressing; transactions of the Congress; sponsored and ed. by Svenska gruvföreningen and Jernkontoret. Almqvist '58 incl bibliog
- Organization for European economic cooperation. European productivity agency. Low grade ores; a survey of Am. research methods. (Project no228) The agency '58 incl bibliog
- See also*
- Flotation
- ORE treatment.** *See* Ore dressing
- OREGON**
- Brier, Howard M. Sawdust empire; the Pacific Northwest. Knopf '57 p266-9
- History*
- McNamee, Mary Dominica. Willamette interlude. Pacific bks. '59 p295-7
- OREGON pine.** *See* Douglas fir
- ORGAN**
- Barnes, William Harrison. Contemporary American organ, its evolution, design, and construction. 6th ed Fischer '56 incl bibliog
- ORGANIC acids.** *See* Acids, Organic
- ORGANIZATION**
- March, James G. and Simon, Herbert A. Organizations; with the collaboration of Harold Guetzkow. (Carnegie inst. of technology. Graduate school of industrial adm. Pubs) Wiley '58 p213-48
- ORGANIZATION, Social.** *See* Social organization
- ORGANOMETALLIC compounds**
- Benkeser, R. A. and others. Metalations with organosodium compounds. *Chem R* 57:892-4 O '57

Chaberek, Stanley, and Martell, Arthur Earl. Organic sequestering agents; a discussion of the chemical behavior and applications of metal chelate compounds in aqueous systems. Wiley '59 incl bibliog

Rochow, Eugene George, and others. Chemistry of organometallic compounds. Wiley '57 incl bibliog

ORIENT. *See* Far East

ORIENTAL art. *See* Art, Oriental

ORIENTAL civilization. *See* Civilization, Oriental

ORIENTAL fruit moth

Allen, Harry Willis. Oriental fruit moth. (U.S. Dept. of agriculture. Agriculture information bul. no 182) U.S. Gov. ptg. office '58 p26-8

ORIENTAL literature

De Bary, William Theodore, ed. Approaches to the oriental classics; Asian literature and thought in general education [proceedings of a conference held at Columbia univ. Sept. 12-13, 1958] Columbia univ. press '59 p256-62

History and criticism

Yohannan, John David, ed. Treasury of Asian literature; with an introd. and commentaries. Day '56 p465-73

Translations into French

Senny, Jacqueline. Contributions à l'appréciation des valeurs culturelles de l'Orient: traductions françaises de littératures orientales. (Bibliographia belgica, 37) Comm. belge de bibliog. '58 299p

ORIENTAL manuscripts. *See* Manuscripts, Oriental

ORIENTAL philology

Monatliche bibliographie für die fachgebiete prähistorie; klassische, orientalische, christliche archäologie; alte geschichte; altorientalische philologie; antike rechtsgeschichte; anthropologie; ethnologie; folklore. Habelt. *See* numbers

Orientalische literaturzeitung. Akademie-verlag. *See* numbers

ORIENTAL philosophy. *See* Philosophy, Oriental

ORIENTAL studies

Bibliographie. *See* numbers of Orientalische studien

Bibliographie, 1. juni 1953-31. mai 1954[-1. april 1957-31. mai 1958] Archiv Orientforsch 17 no 1:239-56; no2:501-20; 18 no 1:236-54; no2:493-614 '54/'55-'58

Italy. Commissione nazionale italiana per la UNESCO. Progetto maggiore sul mutuo apprezzamento dei valori culturali dell'Oriente e dell'Occidente; repertorio delle attività italiane intese a promuovere e diffondere la conoscenza delle civiltà orientali. The commission '58 1v

Polska akademia nauk. Komitet orientalistyczny. Bibliografia polskich prac orientalistycznych, 1945-1955 [w oparciu a materiały dostarczone przez Włodzimierza Zajackowskiego opracowała red. w składzie: Wiesław Kotanski i Barbara Majewska przy współudziale Witolda Jabońskiego et al] Państwowe wydawn. naukowe '57 90p

See also

Assyriology

Byzantine studies

ORIENTATION

Blum, H. F. Photoorientation and the tropism theory. *Q R Biol* 29:321 D '54

Gatty, Harold. Nature is your guide; how to find your way on land and sea by observing nature; with a foreword by J. H. Doolittle. Dutton '58 p244-9

See also

Birds—Migration

ORIGEN, ca 185-254

Crouzel, Henri. Théologie de l'image de Dieu chez Origène. (Théologie, 34) Aubier '56 p 16-29

Hanson, Richard Patrick Crosland. Origen's doctrine of tradition. *S.P.C.K.* '54 p 193-9

Völker, Walther. Der wahre gnostiker nach Clemens Alexandrinus. (Texte und untersuchungen zur geschichte der altchristlichen literatur, v57 (ser5, v2)) Akademie-verlag '52 p xxiii-xxiv

ORIGIN of life. *See* Life (biology)—Origin

ORIGIN of species

Commemoration of the centennial of the publication of the Origin of species by Charles Darwin. *Am Philos Soc Proc* 103:159-319 Ap '57 incl bibliog

- ORIGINAL** sin. See Sin. Original
- ORIHUELA**, Spain (diocese)
Albert Berenguer, Isidro. Bibliografía de la diócesis de Orihuela. Comisión provincial de monumentos '57 111p
- ORINASE**. See Tolbutamide
- ORNAMENTAL** plants. See Plants, Ornamental
- ORNITHOLOGY**. See Birds
- OROGENY**. See Mountains
- ORRERY**
See also
Astronomical models
- ORSINI**, Felice, 1819-1858
Paccke, Michael St John. Orsini: the story of a conspirator. Little '58 p294-7
- ORTEGA Y GASSET**, José, 1883-1955
Koszyk, Kurt. José Ortega y Gasset, 1883-1955. (Dichter und denker unserer Zeit, 17) Städtische volksbüchereien Dortmund '56 6p
Mora, José Ferrater. Ortega y Gasset; an outline of his philosophy. (Studies in modern European literature and thought) Yale univ. press '57 p65-8
- ORTHODONTIA**. See Teeth—Abnormities and deformities
- ORTHODOX** Eastern church
Andrews, Dean Timothy. Eastern Orthodox church; a bibliography. 2d ed Holy Cross orthodox theological school, Greek archdiocese of North & South Am. '57 79p
Paris. Institut de théologie orthodoxe. List of the writings of professors of the Russian orthodox theological institute in Paris, 1948-1954 [i.e. 1925-1954] The institute '54? 98p
Smolitsch, Igor. Russisches mönchtum: entstehung, entwicklung und wesen 988-1917. (Das östliche Christentum; abh. new ser, no 10/11) Augustinus-verlag '53 p9-43
Spinka, M. Eastern Orthodox literature. Church Hist 25:262-4 S '56
- ORTHOGRAPHY**. See Spelling
- ORTHOPEDIA**
Cozen, Lewis Nathan, and others. Operative orthopedic clinics. Lippincott '55 incl bibliog
Hohmann, Georg, and others, eds. Handbuch der orthopädie; v 1. Allgemeine orthopädie, bearb. von C. Bischofberger [et al] Thieme '57 incl bibliog
Shands, Alfred Rives, and Raney, Richard Beverly. Handbook of orthopaedic surgery. 5th ed Mosby '57 p608-99
- ORTHOPEDIC** apparatus
Orthopaedic appliances atlas. Edwards '52 incl bibliog
- ORTHOPTERA**
Alexander, R. D. Taxonomy of the field crickets of the eastern United States (orthoptera: gryllidae; acheta) Entom Soc Am Ann 50:601-2 N '57
Harz, Kurt. Die geradflügler Mitteleuropas. Fischer '57 p467-84
Wallace, H. S. Revision of the genus aeolopliides (orthoptera, acrididae) Entom Soc Am Ann 48:479-80 N '55
See also
Cockroaches
Grasshoppers
Stick insects
- ORTIZ FERNÁNDEZ**, Fernando, 1881-
Comas, J. and Becerra, B. La obra escrita de don Fernando Ortiz. R Interam Bibliog 7:355-71 O '57
Miscelánea de estudios dedicados a Fernando Ortiz, por sus discípulos, colegas y amigos, con ocasión de cumplirse sesenta años de la publicación de su primer impreso en Menorca en 1895 [bibliog. by Berta Becerra] Soc. económica de amigos del país '55-'57 3v v3, p 1589-1624
- ORWELL**, George, 1903-1950
Brander, Laurence. George Orwell. Longmans '54 p207-8
- OSCILLATIONS**
Dynamics and nonlinear mechanics, by E. Leimanis [and] N. Minorsky. (Surveys in applied mathematics, 2) Wiley '58 incl bibliog
- OSCILLATORS**
Palluel, P. and Goldberger, A. K. O-type carcinotron tube. Inst Radio Eng Proc 44: 345 Mr '56
- OSLER**, Sir William, bart. 1849-1919
Noble, Iris. Doctor who dared: William Osler. Messner '59 p 188
- OSMIRIDIUM**. See Platinum metals
- OSMOSIS**
Bally, R. J. Metode electrice de imbunătățire a pământurilor în lucrările de construcție. (Monografiile de tehnică, 5) Ed. Academiei Republicii Populare Române '57 p237-43
Hosokawa, T. and Kubota, H. On the osmotic pressure and resistance to desiccation of epiphytic mosses from a beech forest, south-west Japan. J Ecol 45:591 J1 '57
Philip, J. R. Osmotic cell, solute diffusibility, and the plant water economy. Plant Physiol 33:270-1 J1 '58
- OSNABRÜCK**, Germany
Kamp, Martin auf dem. Osnabrück: die zwischenschicht Osnabrück in ihren strukturellen verflechtungen; mit einer einführung von Richard Hugle. (Saxony. Lower. Amt für landesplanung und statistik. Veröffentlichungen. ser A 1, v60; Wirtschaftswissenschaftliche gesellschaft zum studium Niedersachsens, Hanover. Schriften, new ser, v60) Dorn '56 p 130-8
- OSSETIA**
Trilati, T. Literature on Ossetia and the Ossetians. Caucasian R no 6:107-26 '58
- OSSOLI**, Sarah Margaret (Fuller) marchesa d', 1810-1850
Chipperfield, Faith. In quest of love; the life and death of Margaret Fuller. Coward-McCann '57 p303-11 annot
- OSTEOLOGY**. See Bones; Skeleton
- OSTEOPATHY** as a profession
Belleau, Wilfred E. Osteopathic physician and surgeon (osteopathy as a career) rev ed Park pub. house '57 p26
- OSTRACODA**
Howe, Henry Van Wagenen. Handbook of ostracod taxonomy. (La. State univ. Studies. Physical science ser, no 1) La. state univ. press '55 389p
Kornicker, L. S. Distribution of the ostracoda suborder cladocopa, and a new species from the Bahamas. Micropaleontology 5:74-5 Ja '59
Swain, F. M. Ostracoda of San Antonio bay, Texas. J Paleont 29:643-5 J1 '55
- OSTRACODA**, Fossil
Harris, Reginald Wilson. Ostracoda of the Simpson group of Oklahoma. (Bul. 75) Okla. Geological survey '57 p283-98
Harris, Reginald Wilson, and Jobe, Thomas C. Chester foraminifera and ostracoda from Ringwood pool of Oklahoma. (Circ.39) Okla. Geological survey '56 p22-6
Howe, Henry Van Wagenen. Handbook of ostracod taxonomy. (La. State univ. Studies. Physical science ser, no 1) La. state univ. press '55 389p
Howe, Henry Van Wagenen, and Laurencich, Laura. Introduction to the study of cretaceous ostracoda. La. state univ. press '58 p519-36
Kesling, R. V. and Peterson, R. M. Middle Devonian hollinid ostracods from the falls of the Ohio. Micropaleontology 4:148 Ap '58
Kornicker, L. S. Bibliography of ostracode theses. Micropaleontology 3:287-90 J1 '57
Levinson, S. A. Bibliography and index to new genera and species of ostracoda for 1954-1957. Micropaleontology 2:79-90, 375-84; 3:367-92; 5:241-60 Ja, O '56, O '57, Ap '59
Marianos, A. W. and Valentine, J. W. Eocene ostracode fauna from Marysville buttes, California. Micropaleontology 4:372 O '58
Sohn, I. G. Chemical constituents of ostracodes; some applications to paleontology and paleoecology. J Paleont 32:735-6 J1 '58
Stover, L. E. Ostracoda from the Windom shale (Hamilton) of western New York. J Paleont 30:1140-2 S '56
Swain, F. M. Early middle ordovician ostracoda of the eastern United States. J Paleont 31:569-70 My '57
Swartz, F. M. and Whitmore, F. C. Ostracoda of the Silurian Decker and Manlius limestones in New Jersey and eastern New York. J Paleont 30:1090-1 S '56
Thompson, M. L. and others. Early Pennsylvanian fusulinids and ostracods of the Illinois basin. J Paleont 33:781. 792 S '59
Van den Bold, W. A. Oligi-miocene ostracoda from southern Trinidad. Micropaleontology 3:247-9 J1 '57
Van den Bold, W. A. Ostracoda from the paleocene of Trinidad. Micropaleontology 3: 12-13 Ja '57
Van den Bold, W. A. Ostracoda of the brasso formation of Trinidad. Micropaleontology 4:416-18 O '58
Van den Bold, W. A. Some ostracode homonyms. J Paleont 31:951 S '57
Wicher, C. A. Die gattung gomphocythere in Nordwestdeutschland und das problem der brackischen ostracoden. Micropaleontology 3:271-5 J1 '57

- OTHMAYR, Caspar, 1515-1553**
Albrecht, Hans. Caspar Othmayr, leben und werk, Bärenreiter-verlag '50 p 125-33
- OTOPLANIDAE**
Ax, Peter. Monographie der otoplanidae (turbellaria) morphologie und systematik. (Akad. der wissenschaften und der literatur, Mainz. Mathematisch-naturwissenschaftliche klasse. Abh., Jahrg; 1955, no 13) Steiner '56 p295-8
- OTORHOLARYNGOLOGY**
See also
Ear—Diseases
- OTTO, Ernst, 1877-**
Haselbach, Gerhard, and Hartmann, Günter, eds. Beiträge zur einheit von bildung und sprache im geistigen sein; festschrift zum 80. geburtstag von Ernst Otto. De Gruyter '57 p437-45
- OUDAAN, Joachim, 1628-1692**
Melles, J. Joachim Oudaan, heraut der verdraagzaamheid, 1628-1692. Kemink '58 p 195-203
- OUTDOOR life**
American association for health, physical education, and recreation. Outdoor education for American youth; prepared by AAHPER com. under chairmanship of Julian W. Smith. The association '57 p 145-8
Hood, Mary V. Outdoor hazards; real and fancied; a guide to out-of-doors safety for campers, hikers, hunters, fishermen, and travelers in the United States. Macmillan '55 p223-34
See also
Camping
- OUTER space.** See Space, Outer
- OUTLAWS**
Shirley, Glenn. Six-gun and Silver Star. Univ. of N.Mex. press '55 p217-28
- OUTPATIENT services in hospitals.** See Hospitals—Outpatient services
- OVARIES**
Schlottman, Loren L. and Bonhag, Philip Frederic. Histology of the ovary of the adult mealworm, *tenebrio molitor* L (coleoptera, tenebrionidae) (Calif. Univ. Pubs. in entomology, v 11, no6) Univ. of Calif. press '56 p372-3
See also
Menstruation
Ovulation
- Diseases**
Morris, John McLean, and Scully, Robert E. Endocrine pathology of the ovary. Mosby '58 incl bibliog
- Tumors**
Nordén, Gunnar, and Dahlberg, Bruno. On ovarian androblastoma. (Fysiografiska sällskapet i Lund. Acta. Handlingar, new ser, v67, no 19) Gleerup '56 p49-52
- OVERHEAD electric lines.** See Electric lines—Overhead
- OVERLAND journeys to the Pacific**
Pritchard, James A. Overland diary from Kentucky to California in 1849; with a biography of Captain James A. Pritchard, by Hugh Pritchard Williamson; ed. by Dale L. Morgan; with an introd. bibliog. and a chart of travel by all known diarists west across South Pass in 1849. Old West '59 p 177-200
- OVID (Publius Ovidius Naso) 43 B.C.-A.D. 18?**
Munari, Franco. Catalogue of the mss. of Ovid's Metamorphoses. (Buls. Sups, no4) Inst. of classical studies, Univ. of London '57 74p
Paratore, Ettore. Bibliografia ovidiana. Comitato per le celebrazioni del bimillenario '58 169p
Wilkinson, L. P. Ovid recalled. Cambridge '55 p463-70
- OVIEDO Y VALDÉS, Gonzalo Fernández de, 1478-1557**
Oviedo y Valdés, Gonzalo Fernández de. Natural history of the West Indies; tr. and ed. by Sterling A. Stoudemire. (N.C. Univ. Studies in the Romance languages and literatures, no32) N.C. univ. press '59 p 129-31
- OVULAR transplantation.** See Ovum—Transplantation
- OVULATION**
Bastian, J. W. and Zarrow, M. X. New hypothesis for the asynchronous ovulatory cycle of the domestic hen (*gallus domesticus*) Poultry Sci 34:787-8 J1 '55
Farris, Edmond John. Human ovulation and fertility. Lippincott '56 p 149-54
- OVUM**
Knight, P. F. and Schechtman, A. M. Passage of heterologous serum proteins from the circulation into the ovum of the fowl. J Exp Zool 127:301-4 N '54
Nilsson, Lennart. Hydatidiform degeneration in aborted ova, a histopathological and clinical study [tr. by Klas Magnus Lindskog] (V36, Sup 7) Acta obstetricia et gynecologica '57 p77-80
- Transplantation**
Dziuk, P. J. and others. Problems associated with the transfer of ova between cattle. (Technical bul. 222) Agricultural experiment station, Univ. of Minn. '58 incl bibliog
- OXFORDSHIRE, England**
Cordeaux, Edward Harold, and Merry, Denis Harry. Bibliography of printed works relating to Oxfordshire, excluding the university and city of Oxford. (Oxford historical soc. Pubs. new ser, v 11) Oxford '55 411p
- Martin, Alexander Frederick, and Steel, Robert Walter, eds.** Oxford region; a scientific and historical survey. Oxford '54 incl bibliog
- OXIDASES**
Honda, S. I. Ascorbic acid oxidase in barley roots. Plant Physiol 30:180-1 Mr '55
Honda, S. I. Succinoxidase and cytochrome oxidase in barley roots. Plant Physiol 30: 409-10 S '55
See also
Cytochrome oxidase
Succinic oxidase
- OXIDATION**
Arthur, B. W. and Casida, J. E. Biological and chemical oxidation of tetramethyl phosphorodiamidic fluoride (Dimefox) J Econ Entom 51:55-6 F '58
Asnis, R. E. and others. Some enzymatic activities of a particulate fraction from sonic lysates of *escherichia coli*. J Bact 72:319 S '56
Birchenall, C. E. and others. Oxidation of metals. Ind & Eng Chem 47:612-13; 48:599-601; 49:623-6; 50:501-2; 51:410-11 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
Dworkin, M. and Foster, J. W. Studies on *pseudomonas methanica* (Söhngen) nov. comb. J Bact 72:658-9 N '56
Eaton, N. R. and Klein, H. P. Oxidation of glucose and acetate by *saccharomyces cerevisiae*. J Bact 68:115-16 J1 '54
Leathen, W. W. and others. *Ferrobacillus ferrooxidans*: a chemosynthetic autotrophic bacterium. J Bact 72:703-4 N '56
Lusas, E. W. and others. Possibility of copper-induced oxidation of milk in stainless steel-white metal systems. J Dairy Sci 39: 1497-99 N '56
Marek, L. F. Oxidation. Ind & Eng Chem 47: 1901-2 S '55
Riel, R. R. and Sommer, H. H. Isolation and characterizations of some oxidation products associated with oxidized flavor. J Dairy Sci 38:1222-4 N '55
Smith, L. M. and others. Effect of phospholipids and unsaponifiable matter of oxidative stability of milk fat. J Dairy Sci 41: 481-2 Ap '58
Stone, B. A. and Hochster, R. M. On the mechanism of the aerobic oxidation of D-xylene and of D-ribose-5-phosphate by cell-free extracts of *pseudomonas hydrophila*. Can J Microbiol 2:642-3 D '56
Toland, W. G. Oxidation—liquid phase. Ind & Eng Chem 50:1390-2 S '58
Vishniac, W. and Santer, M. Thiobacilli. Bact R 21:209-13 S '57
Ward, J. M. Enzymatic oxidation of ascorbic acid in the slime mold, *physarum polycephalum*. Plant Physiol 30:66-7 Ja '55
Waygood, E. R. and others. Enzymically catalyzed oxidation of indoleacetic acid. Can J Bot 34:925-6 N '56
Yohe, Gall Robert. Oxidation of coal. (Rep. of investigations. 207) Ill. State Geological survey '58 p41-57
Young, L. C. T. and Conn, E. E. Reduction and oxidation of glutathione by plant mitochondria. Plant Physiol 31:210-11 My '56
- OXIDE cathodes.** See Cathodes

OXIDES

Boehm, Mary Jo. Corrosion products of iron and steel: a sel. bibliog. survey with abstracts. (Bibliog. no3) U.S. Naval research laboratory '55 24p

See also

Ethylene oxide—Physiological effect

OXIMES

Banks, Charles V. and Fullerton, Richard. Annotated bibliography of diaminoethanedionedioxime. Office of technical services, U.S. Dept. of commerce '56 14p

OXINE. See Hydroxyquinoline

OXYGEN

Davis, G. T. Influence of oxygen concentration on hatchability and on selecting for hatchability. Poultry Sci 34:113 Ja '55

Mullinax, P. E. and Beischer, D. E. Oxygen toxicity in aviation medicine. J Aviation Med 29:667 S '58

Plaksin, I. Interaction of minerals with gases and reagents in flotation. Min Eng 11:324 Mr '59

Tädt, Fritz, and others. Elektrochemische sauerstoffmessungen; konzentrationsmessungen oxydierender und reduzierender stoffe durch galvanische modellelemente; mit einem geleitwort von Max Pfender. De Gruyter '58 incl bibliog

See also

Aeration

Insects, Effect of oxygen on

Ozone

Plants, Effect of oxygen on

Isotopes

Clayton, R. N. and Epstein, S. Relationship between O^{18}/O^{16} ratios in coexisting quartz, carbonate, and iron oxides from various geological deposits. J Geol 66:370-1 Jl '58

Lowenstam, H. A. and Epstein, S. Paleotemperatures of the post-apian cretaceous as determined by the oxygen isotope method. J Geol 62:248 My '54

Manufacture

McKinley, C. and Himmelberger, F. Oxygen plant safety principles. Chem Eng Prog 53:120-1 Mr '57

Physiological effect

Holmdahl, Martin H:son. Pulmonary uptake of oxygen, acid-base metabolism, and circulation during prolonged apnoea (English text rev. by Marcia Skogh) (Sup 212) Acta chirurgica scandinavica '56 128p

Wittner, M. and Rosenbaum, R. M. Resistance and susceptibility to high oxygen pressures in the early development of the frog, *Rana pipiens*. Physiol Zool 31:301- O '58

OXYGEN consumption

Cotty, V. F. Respiratory metabolism of pre-pupae and pupae of the house fly, *Musca domestica* L. and of their homogenates. Boyce Thompson Inst Contrib 18:261-2 Ja '56

Pedersen, K. J. On the oxygen consumption of planaria vitta starvation, the early phase of regeneration and asexual reproduction. J Exp Zool 131:134-5 F '56

OXYTOCIN

Brandt-Nielsen, Erik. Experiments on the oxytocin sensitivity of the rat uterus; an investigation into the hormonal factors which control the length of gestation and the initiation of parturition in the white rat, by means of myographic experiments on isolated uteri from pregnant and parturient rats, and from rats under various experimental conditions. Danske forlag '51 p205-40

OYSTERS

Nelson, T. C. Some scientific aids to the oyster industry. Am Scientist 45:329-32 S '57

Rao, K. V. Seasonal gonadal changes in the adult backwater oyster, *ostrea (crass-ostrea) madrasensis* Preston from Ennur near Madras. Ind Acad Sci Proc SerB 44: 353-5 D '56

Thomson, J. M. Genera of oysters and the Australian species. Australian J Marine & Freshwater Res 5:164-7 Mr '54

Tranter, D. J. Reproduction in Australian pearl oysters (ameliibranchia) Australian J Marine & Freshwater Res 9:142, 156-7, 214-16, 524-5; 10:65-6 Mr-Jl, D '58, My '59

OZONE

American society for testing materials. Symposium on effect of ozone on rubber. (ASTM Special technical pub. no229) The society '58 incl bibliog

Hann, V. A. Disinfection of drinking water with ozone. Am Water Works Assn J 48: 1320 O '56

Physiological effect

Stokinger, H. E. Ozone toxicity. AMA Archives Ind Hygiene & Occup Med 9:381-3 My '54

P

PTC. See Phenylthiourea

PACHECO, José Ramón

Pacheco, José Ramón. Cuestión del día; nuevos males y sus remedios. (Biblioteca jalisciense, 9) Ediciones I.T.G. '53 p xxviii-xxxli

PACIFIC islands. See Islands of the Pacific; Oceania

PACIFIC NORTHWEST. See Northwest, Pacific

PACIFIC ocean

Menard, H. W. Deformation of the northeastern Pacific basin and the west coast of North America. Geol Soc Am Bul 66:1197-8 S '55

Menard, H. W. and Fisher, R. L. Clipperton fracture zone in the northeastern equatorial Pacific. J Geol 66:252-3 My '58

PACIFISM

See also

Conscientious objectors

PACKAGING

Larsen, Spencer Allen. Packaging research: an inventory. (Research study no37) Am. management assn. '59 207p

Society of plastics engineers. Plastics in packaging; technical papers, regional technical conference, Hartford, Conn., Oct. 1, 1958; ed. by Jesse H. Day. Western New England sec. '58 incl bibliog

United States. Business and defense services administration. Containers and packaging division. Containers and packaging; basic information sources; ed. by Osker C. Reynolds. rev ed The division '55 20p

PACKING (mechanical engineering)

Trutnovsky, Karl. Berührungsdichtungen an ruhenden und bewegten maschinenteilen. (Konstruktionsbücher, 17) Springer '58 p 163-71

PACKING industry. See Meat industry and trade

PACUVIUS, Marcus, ca 220-132 B.C.

Valsa, M. Marcus Pacuvius, poète tragique. (Coll. d'études anciennes) Les Belles lettres '57 p 117-19

PAETEL, Karl Otto, 1906-

Wille, Werner, and Sperl, Heinrich, eds. Aufrecht zwischen den stühlen K.O.P.; grüße zum 50. geburtstag am 23. Nov. 1956 für Karl O. Paetel, von freunden in Deutschland und anderswo. The editors '56? p83-5

PAIN

Laux, Walter. Über quadrantensyndrome; ein beitrag zu klinik und pathogenese der vegetativen körperviertelstörungen als grundlagen chronischer schmerz Zustände. (Bibliotheca psychiatrica et neurologica, no 104) Karger '58 p 114-20

Szasz, Thomas Stephen. Pain and pleasure; a study of bodily feelings. Basic bks. '57 p257-74

White, James Clark, and Sweet, William Herbert. Pain, its mechanisms and neurosurgical control; with assistance in the psychiatric secs. of chapters IV and X from Stanley Cobb and Frances J. Bonner. Thomas '55 p677-711

Wolff, Harold George, and Wolf, Stewart George. Pain. 2d ed (Am. lecture ser, pub. no333) Thomas '58 p99-112

See also

Anesthesia
Anesthetics

PAINE, Thomas, 1737-1809

Gimbel, Richard. Thomas Paine: a bibliographical check list of Common sense with an account of its publication. Yale univ. press; Oxford '56 124p

PAINT

Abstracts from the world's technical press. See numbers of Paint technology

Edwards, Junius David, and Wray, Robert Isom. Aluminum paint and powder. 3d ed Reinhold '55 incl bibliog

Gordon, Philip Leon, and Dolgin, George Joseph. Surface coatings and finishes. Chemical pub. co. '54 incl bibliog

London, Science museum, Science library. Select list of books on paint and painting, 1940-1954. (Bibliog. ser, no731) The library '55 2p

Research association of British paint, colour & varnish manufacturers. Review of current literature relating to paint, colour, varnish and allied industries. The association. See numbers

Scofield, F. Paints. Ind & Eng Chem 47:2009-10 S '55

Scofield, F. Protective coatings. Ind & Eng Chem 49:1641-2; 50:1480-1 S '57, S '58

Corrosion and anti-corrosives
Fillers (in paper, paint, etc)

PAINTERS, French

Bazin, Germain. L'époque impressionniste; avec notices biographiques et bibliographiques. 2d ed rev & corr Tisné '53 p96-8

Dorival, Bernard. Twentieth century painters; tr. by Arnold Rosin. Universe bks. '58? 2v v 1, p 143-5; v2, p 176-8

PAINTERS, Spanish

Stevenson, Robert Scott. In search of Spanish painting. Philosophical lib. '56 p223-6

PAINTING

Florisoon, M. Sur quelques récents problèmes de la peinture des XVII^e et XVIII^e siècles. R des Arts 6:57-64 Mr '55 annot

Gilson, Etienne Henry. Painting and reality. (Bollingen ser, 35; A. W. Mellon lectures in the fine arts, 4) Pantheon bks. '57 p331-42

Hiler, Hilaire. Notes on the technique of painting; with a pref. by Sir William Rothenstein. 6th ed rev (Banner bk) Exposition '55 p303-33

Library association. County libraries section. History of painting. (Readers' guide, new ser, no33) The section '56 32p

Mayer, Ralph. Artist's handbook of materials and techniques. rev ed Viking '57 p675-96 annot

See also

Mural painting and decoration

Portrait painting

Still life painting

History

Mills, John. Practice and history of painting; a bk. for schools; introd. by A. E. Werner. St Martins '59 p 185-7

Technique

Bazzi, Maria. Abecedario pittorico. (La Vostra via, v 19) Longanesi '56 p281-313

PAINTING, American

Brown, Milton Wolf. American painting, from the Armory show to the depression. Princeton univ. press '55 p201-37

Graves, Morris. Morris Graves [by Frederick S. Wight and others] Univ. of Calif. press '56 p 61-2

Pousette-Dart, Nathaniel J. ed. American painting today. Hastings house '56 p 122-3

Richardson, Edgar Preston. Painting in America; the story of 450 years. (Growth of Am. ser) Crowell '56 p417-27

Time, the weekly news magazine. Three hundred years of American painting. By Alexander Eliot; with an introd. by John Walker. Time inc. '57 p312-14

PAINTING, British

New York (city). Museum of modern art. Masters of British painting, 1800-1950 [exhibition; text by] Andrew Carnduff Ritchie; in collaboration with the City art museum of St Louis and the Calif. palace of the Legion of honor, San Francisco. The museum '56 p 157-60

Nicholson, Ben. Ben Nicholson; v2, Work since 1947; with an introd. by Herbert Read. Lund '56 np

Waterhouse, Ellis Kirkham. Painting in Britain, 1530-1790. (Pelican history of art, Z 1) Penguin '53 p247-52

PAINTING, Chinese

Fong, Wen. Lohans and a bridge to heaven. (Occasional papers, v3, no 1) Freer gallery of art '58 p51-7

Munsterberg, Hugo. Landscape painting of China and Japan. Tuttle '55 p 135-8

PAINTING, Danish**History**

Zahle, Erik, ed. Danmarks malerkunst fra middelalder til nutid, af Poul Nørland let all 4th ed Hirschsprung '56 p339-43

PAINTING, Dutch

Bergström, Ingvar. Dutch still-life painting in the seventeenth century; tr. by Christian Hedström and Gerald Taylor. Yoseloff '56 p317-25

PAINTING, Egyptian

Mekhitarian, Arpag. Egyptian painting; tr. by Stuart Gilbert. (Great centuries of painting) Skira '54 p 158

PAINTING, English. See Painting, British**PAINTING, European**

Lassaigne, Jacques, and Argan, Giulio Carlo. Fifteenth century, from Van Eyck to Botticelli; tr. by Stuart Gilbert. (Great centuries of painting) Skira '55 p218-22

Venturi, Lionello. Sixteenth century, from Leonardo to El Greco [tr. by Stuart Gilbert] (Great cents. of painting) Skira '56 p266-8

PAINTING, Flemish

Lassaigne, Jacques, and Delevoey, Robert Léon. Flemish painting [tr. by Stuart Gilbert] (Painting, color, history) Skira '57-58 2v v 1, p 171-3; v2, p 187-92

PAINTING, French

Acqua, Gian Alberto dell'. French impressionists; tr. by Susan Bellamy. Crown '58 p 100-2

Cogniat, Raymond. Au temps des impressionnistes. Hypérion '53 p 153-64

See also

Fauvism

History

Bazin, Germain. L'époque impressionniste; avec notices biographiques et bibliographiques. 2d ed rev & corr Tisné '53 p96-8

PAINTING, German

Myers, Bernard Samuel. German expressionists; a generation in revolt. Praeger '57 p369-89

Röthel, Hans Konrad. Moderne deutsche malerei. Vollmer '56 p81-101

—Same; with title; Modern German painting; tr. from the German by Desmond and Louise Clayton. Reynal & co. '57 p85-103

Selz, Peter. German expressionist painting. Univ. of Calif. press '57 p354-70

PAINTING, Indic

Archer, William George. India and modern art. Macmillan '59 p 136-41 annot

PAINTING, Industrial

London, Science museum, Science library. Select list of books on paint and painting, 1940-1954. (Bibliog ser, no731) The library '55 2p

See also

Varnish and varnishing

PAINTING, Italian

Brenzoni, Raffaello. Domenico Morone, 1438-9 c.-1517 c.; vitta ed opere. Olschki '56 p59-60

Carli, Enzo. Giotto and his contemporaries; tr. by Susan Bellamy. Crown '58 p98

Carli, Enzo. Pittura medievale pisana. Martello '58 p65-8

Causa, Raffaello. Pittura napoletana dal XV al XIX secolo. (Collana Scigno) Istituto italiano d'arti grafiche '57 p 100-2

Geiger, Benno. I dipinti ghiribizzosi di Giuseppe Arcimboldi, pittore illusionista del cinquecento, 1527-1593; con una nota su l'Arcimboldi musicista di Lionello Levi ed un epilogo di Oskar Kokoschka. Vallecchi '54 p 133-8

Paris. Musée de l'Orangerie. De Giotto à Bellini; les primitifs italiens dans les musées de France; catalogue rédigé par Michel Lacroix. 2d ed rev Eds. des musées nationaux '56 p 117-23

See also

Painting, Venetian

- PAINTING, Japanese**
Munsterberg, Hugo. Landscape painting of China and Japan. Tuttle '55 p 135-8
- PAINTING, Medieval**
Behling, Lottisa. Die pflanze in der mittelalterlichen tafelmalerie. Böhlau nachfolger '57 p 186-90, 219-21
- PAINTING, Mexican**
Myers, Bernard. Mexican painting in our time. Oxford '56 p269-76
- PAINTING, Mohammedan**
Creswell, Keppel Archibald Cameron. Bibliography of painting in Islam. (Art islamique, v 1) Inst. français d'archéologie orientale du Caire '53 100p
- PAINTING, Romanesque**
Romanesque painting; from the 11th to the 13th cent [tr. by Stuart Gilbert] (Great cents. of painting) Skira '58 p211-15
United Nations educational, scientific and cultural organization. Spain: Romanesque paintings; pref [by] Walter W. S. Cook; intro [by] Juan Ainaud. (UNESCO world art ser) N.Y. graphic soc. '57 p30
- PAINTING, Sienese**
Carli, Enzo. La pittura senese. Electa '55 p309-14
- PAINTING, Spanish**
Lafuente Ferrari, Enrique. Breve historia de la pintura española. 4th ed rev & enl (Síntesis de arte) Editorial Tecnos '53 p537-56
Stevenson, Robert Scott. In search of Spanish painting. Philosophical lib. '56 p223-6
- History
Soehner, H. Kritische bibliographie zur geschichte der spanischen malerei. Z Kunstgesch 19 no3:292-302 '56 annot
- PAINTING, Venetian**
Levey, Michael. Painting in XVIII century Venice. Phaidon '59 p219
- PAINTINGS**
Conservation and restoration
Bazzi, Maria. Abecedario pittorico. (La Vostra via, v 19) Longanesi '56 p281-313
- PAKISTAN**
Abernethy, George L. Pakistan; a sel. annot. bibliography. Am. inst. of Pacific relations '57 29p
Hodgson, James Goodwin, and Reese, Irene (Coons). Pakistan; a bibliog. prepared to furnish a background for the advisory project with the Univ. of Peshawar. (Lib bul. 24) Colo. A & M college lib. '55 31p
Maron, Stanley, and others. Annotated bibliography for Pakistan: sociology, economics, and politics; arrangement and ed. by Nikki R. Keddie [and] Elizabeth K. Bauer. Human relations area files; South Asia project, Univ. of Calif. '56 64p
Pakistan. Department of advertising, films and publications. Select Pakistan bibliography. The department '58 44p
Wilson, Patrick. Government and politics of India and Pakistan, 1885-1955: a bibliog. of works in western languages. (Modern India project. Bibliog. study no2) South Asia studies, Inst. of East Asiatic studies, Univ. of Calif. '56 356p
- Antiquities
Fairservis, Walter Ashlin. Excavations in the Quetta valley, west Pakistan. (Anthropological papers, v45, pt2) Am. museum of natural history '56 p386-7
- Economic conditions
Jafri, M. Haris, and others. Economy of Pakistan. (Human relations area files, inc. Sub-contractor's monograph. HRAF-48) South Asia project, Univ. of Calif. '56 2v v2, p629-46
- Foreign relations
Callard, Keith. Pakistan's foreign policy; an interpretation. 2d ed rev & enl Inst. of Pacific relations '59 p39-40
- Government publications
Moreland, George B. and Siddiqui, Akhtar H. Publications of the Government of Pakistan, 1947-1957. Inst. of public & business adm, Univ. of Karachi '58 187p
- Politics and government
Callard, Keith B. Pakistan; a political study. Macmillan '57 p347-51
- Social life and customs
Maron, Stanley, ed. Pakistan: society and culture; contributors: John Aird [and others] (Behavior science monographs) Human relations area files '57 incl bibliog
- PALACHE, Charles, 1869-1954**
Daly, R. A. Charles Palache, 1869-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p319-28)
Frondel, C. Memorial of Charles Palache. Am Min 41:313-14 Mr '56
Hurlbut, C. S. Memorial to Charles Palache. Geol Soc Am Proc 1957:139-43 '58
- PALATE, Cleft**
American public health association. Committee on child health. Services for children with cleft lip and cleft palate; a guide for public health personnel. The association '55 p82-3
Fitch, N. Embryological analysis of two mutants in the house mouse, both producing cleft palate. J Exp Zool 136:356-7 N '57
Ruess, A. L. Clinical psychologist in the habilitation of the cleft palate patient. J Speech & Hear Dis 23:575-6 N '58
- PALATINATE**
Pfälzische bibliographie (einschliesslich Saarschrifttum) berichtsjahr 1953-1956) und nachträge. Verlag der Pfälzischen gesellschaft zur förderung der wissenschaft '54-58 4v
- PALEOASIATIC languages.** See Hyperborean languages
- PALEOBIOLOGY**
Denison, Robert Howland. Review of the habitat of the earliest vertebrates. (Pub. 800; Fieldiana: geology, v. II, no8) Chicago natural history museum '56 p445-57
- PALEOBOTANY**
Andrews, Henry Nathaniel. Index of generic names of fossil plants, 1820-1950, based on the Compendium index of paleobotany of the U.S. Geological survey. (U.S. Geological survey. Bul. 1013) U.S. Gov. ptg. office '55 p 13-98
Andrews, H. N. and Alt, K. S. New fossil plant from the New Albany shale with some comments on the origin of land vascular plants. Mo Bot Gard Ann 43:370-1 N '56
Axelrod, D. I. Age-curve analysis of angiosperm floras. J Paleont 31:280 Ja '57
Axelrod, D. I. Evolution of the psilophyte paleoflora. Evolution 13:274-5 Je '59
Just, T. Fifty years of paleobotany, 1906-1956. Am J Bot 44:96-9 Ja '57
Just, T. Progress in paleobotany, 1908-1958. J Paleont 33:506-10 My '59
Magedrau, Karl. Paläobiologie der pflanzen. 3d enl & rev ed Fischer '56 incl bibliog
Radforth, N. W. and McGregor, D. C. Some plant microfossils important to pre-carboniferous stratigraphy and contributing to our knowledge of the early floras. Can J Bot 32:620-1 S '54
Shayer, Robert H. Adventures with fossils. (Circ. no6) Ind. Geological survey '59 p45-9 annot
Townrow, J. A. On dicroidium, probably a pteridospermous leaf, and other leaves now removed from this genus. Geol Soc S Africa Trans 60:52-6 '57
also references under Fossils, Plant
- Carboniferous
Felix, C. J. Some American arborescent lycopod fructifications. Mo Bot Gard Ann 41:386-8 N '54
Guennel, Gottfried Kurt. Miospore analysis of the Pottsville coals of Indiana. (Bul. no 13) Ind. Geological survey '58 p87-9
- Cenozoic
Axelrod, D. I. Late cenozoic evolution of the Sierran bigtree forest. Evolution 13:22-3 Mr '59
- Cretaceous
Rouse, G. E. Application of a new nomenclatural approach to upper cretaceous plant microfossils from western Canada. Can J Bot 35:373-5 My '57

PALEOBOTANY—Continued

Devonian

- Beck, C. B. *Tetraxylopteris schmidtii* gen. et sp. nov., a probable pteridosperm precursor from the Devonian of New York. *Am J Bot* 44:366-7 Ap '57
- Johnson, J. H. and Konishi, K. Studies of Devonian algae. *Colo Sch Mines Q* 53:79-84, 109 Ap '58
- Teichert, C. and Schoff, J. M. Middle or lower Devonian psilophyte flora from central Arizona and its paleogeographic significance. *J Geol* 66:217 Mr '58

Miocene

- Macko, Stefan. Lower miocene pollen flora from the valley of Klodnica near Gliwice (Upper Silesia). (Prace, serB, no88) Wrocławskie towarzystwo naukowe '57 p307-9

Paleozoic

- Stewart, W. N. and Delevoryas, T. Medullosan pteridosperms. *Bot R* 22:78-80 Ja '56
- Sze, H. C. On a Westphalian flora of Chungning district in Kangu province. *Scientia Sinica* 5:370-1 Je '56

Pennsylvanian

- Wilson, Leonard Richard, and Hoffmeister, William Simon. Plant microfossils of the Crowburg coal. (Circ. 32) Okla. Geological survey '56 p43-4

Pleistocene

- Just, T. Postglacial vegetation of the north-central United States. *J Geol* 67:234-8 Mr '59
- Lüdi, Werner. Die pflanzenwelt des eiszeitalters im nördlichen vorland der schweizer Alpen. (Zürich. Geobotanisches forschungsinst. Rübel. Veröffentlichungen, no27) Huber '53 p202-8
- Martin, P. S. and Harrell, B. E. Pleistocene history of temperate biotas in Mexico and eastern United States. *Ecology* 38:479-80 Jl '57

Pliocene

- Axelrod, Daniel I. Pliocene verdi flora of western Nevada. (Calif. Univ. Pubs. in geological sciences, v34, no2) Univ. of Calif. press '58 p 134-6
- Zeist, Willem van. Pollen analytical investigations in the northern Netherlands, with special reference to archaeology. North-Holland '55 p76-81

Quaternary

- Straka, Herbert. Zur spätquartären vegetationsgeschichte der Vulkaneifel. (Arbeiten zur rheinischen landeskunde, no 1) Geographisches inst. Univ. Bonn '52 p99-116

Tertiary

- Axelrod, D. I. Evolution of the madro-tertiary geoflora. *Bot R* 24:506-9 Jl '58
- Axelrod, D. I. Late tertiary floras and the Sierra Nevada uplift. *Geol Soc Am Bul* 68:43-5 Ja '57
- Kirchheimer, Franz. Die laubgewächse der braunkohlenzeit; mit einem kritischen katalog ihrer fruchte und samen. Knapp '57 p633-46
- Lakhanpal, Rajendra Nath. Rujada flora of west central Oregon. (Calif. Univ. Pubs. in geological sciences, v35, no 1) Univ. of Calif. press '58 p89-41
- Oishi, S. and Huzioka, K. Studies on the cenozoic plants of Hokkaido and Karahnto (South Saghalien): Tertiary ulmancae. Japan *J Geol & Geog* 24:142-4 Mr '54

Triassic

- Lundblad, Anna Birgitta. Studies in the rhaeto-liaassic floras of Sweden; pt2, article 1: Ginkgophyta from the mining district of NW Scania. (Svenska vetenskapsakademien. Handlingar. 4th ser, v6, no 2) Almqvist '59 p37-8

British Columbia

- Heusser, C. J. Pollen profiles from the Queen Charlotte islands, British Columbia. *Can J Bot* 33:448-9 S '55

Canada

- Rouse, G. E. Application of a new nomenclatural approach to upper cretaceous plant microfossils from western Canada. *Can J Bot* 35:373-5 My '57

Germany

- Straka, Herbert. Zur spätquartären vegetationsgeschichte der Vulkaneifel. (Arbeiten zur rheinischen landeskunde, no 1) Geographisches inst. Univ. Bonn '52 p99-116

Great Britain

- Godwin, Harry. History of the British flora; a factual basis for phytogeography. Cambridge '56 p356-66

Netherlands

- Zeist, Willem van. Pollen analytical investigations in the northern Netherlands, with special reference to archaeology. North-Holland '55 p76-81

Scandinavia

- Dahl, E. Biogeographic and geologic indications of unglaciated areas in Scandinavia during the glacial ages. *Geol Soc Am Bul* 66:1517-19 D '55

Sweden

- Hjelmqvist, H. Die älteste geschichte der kulturpflanzen in Schweden. The oldest history of cultivated plants in Sweden. (Opera botanica, v 1, no3) Almqvist '55 p 168-71
- Lundblad, Anna Birgitta. Studies in the rhaeto-liaassic floras of Sweden; pt2, article 1: Ginkgophyta from the mining district of NW Scania. (Svenska vetenskapsakademien. Handlingar. 4th ser, v6, no2) Almqvist '59 p37-8

Switzerland

- Lüdi, Werner. Die pflanzenwelt des eiszeitalters im nördlichen vorland der Schweizer Alpen. (Zürich. Geobotanisches forschungsinst. Rübel. Veröffentlichungen, no27) Huber '53 p202-8

United States

- Axelrod, Daniel I. Pliocene verdi flora of western Nevada. (Calif. Univ. Pubs. in geological sciences, v34, no2) Univ. of Calif. press '58 p 134-6
- Just, T. Postglacial vegetation of the north-central United States. *J Geol* 67:234-8 Mr '59

PALEOCLIMATOLOGY

- Emiliani, C. Paleotemperature analysis of core 280 and pleistocene correlations. *J Geol* 66:274-5 My '58
- Flint, R. F. Pleistocene climates in eastern and southern Africa. *Geol Soc Am Bul* 70:372-3 Mr '59

PALEOECOLOGY

- Cloud, F. E. Paleocology—retrospect and prospect. *J Paleont* 33:956-62 S '59
- David, L. R. Tertiary anacanthin fishes from California and the Pacific Northwest; their paleoecological significance. *J Paleont* 30: 607 My '56
- Miller, H. W. and Swineford, A. Paleocology of nodulose zone at top of Haskell limestone (upper Pennsylvanian) in Kansas. *Am Assn Pet Geol Bul* 41:2035-6 S '57
- Moore, R. C. Modern methods of paleocology. *Am Assn Pet Geol Bul* 41:1797-1801 Ag '57
- National research council. Committee on marine ecology and paleocology. Treatise on marine ecology and paleocology. (Memoir 67) Geological soc. of Am. '57 2v incl bibliog annot
- Smith, A. B. Paleocology of a molluscan fauna from the Trent formation. *J Paleont* 33:870-1 S '59
- Tasch, Paul. Flora and fauna of the Rhynie Chert: a paleoecological reevaluation of published evidence. (Univ. studies, no36) Univ. of Wichita '57 p 18-20

PALEOGEOGRAPHY

- Neaverson, Ernest. Stratigraphical palaeontology; a study of ancient life-provinces. 2d ed rev & enl Clarendon press '55 incl bibliog
- Teichert, C. and Schoff, J. M. Middle or lower Devonian psilophyte flora from central Arizona and its paleogeographic significance. *J Geol* 66:217 Mr '58

PALEOGRAPHY

- Hector, Leonard Charles. Handwriting of English documents. Arnold '58 p 121-2
See also
 Illumination of books and manuscripts
 Inscriptions
 Manuscripts

PALEONTOLOGY

- Carrington, Richard. Mermaids and mastodons; a bk. of natural & unnatural history. Rinehart '57 p233-46
 Fenton, Carroll Lane, and Fenton, Mildred (Adams). Fossil book; a record of prehistoric life. Doubleday '58 p450-5 annot
 Jeletzky, J. A. Paleontology, basis of practical geochronology. Am Assn Pet Geol Bul 40:703-6 Ap '56
 Müller, Arno Hermann. Lehrbuch der paläozoologie. Fischer '57 incl bibliog
 Neaverson, Ernest. Stratigraphical palaeontology; a study of ancient life-provinces. 2d ed rev & enl Clarendon press '55 incl bibliog
 Newell, N. D. Symposium on fifty years of paleontology; adequacy of the fossil record. J Paleont 33:499 My '59
 Nilsson, Heribert. Synthetische artbildung; grundlinien einer exakten biologie. Gleerup '53 2v v 2, p 1249-92
 Shaver, Robert H. Adventures with fossils. (Circ. no6) Ind. Geological survey '59 p45-9 annot
 Stirtton, Ruben Arthur. Time, life, and man; the fossil record. Wiley '59 p525-36
 Sylvester-Bradley, P. C. Description of fossil populations. J Paleont 32:234-5 Ja '58
 Teichert, C. Some biostratigraphical concepts. Geol Soc Am Bul 69:117-19 Ja '58
See also
 Living fossils
 Micropaleontology
 Paleobiology
 Vertebrates, Fossil
also references under Fossils

Nomenclature

- Jeletzky, J. A. Evolution of Santonian and Campanian belemnite and paleontological systematics: exemplified by belemnite, praecursor Stolley. J Paleont 29:503, 506-9 My '55
 Prantl, Ferdinand. Pravidla a zásady zoologické a paleontologické nomenklatury. Nakl. Československé akademie věd '53 p93-7
 Van den Bold, W. A. Some ostracode homonyms. J Paleont 31:951 S '57

Cambrian

- Bright, R. C. Paleogeologic and biometric study of the middle Cambrian trilobite *Elrathia kingii* (Meek). J Paleont 33:98 Ja '59
 Henningsmoen, G. Upper Cambrian faunas of Norway. Norsk Geol Tids 38 no2:194-6 '58
 Lochman, C. and Hu, C. H. Ptychaspis faunule from the Bear River range, southeastern Idaho. J Paleont 33:426-7 My '59
 Lochman-Balk, C. and Wilson, J. L. Cambrian biostratigraphy in North America. J Paleont 32:348-50 Mr '58
 Nelson, C. A. Upper Croixan stratigraphy, upper Mississippi valley. Geol Soc Am Bul 67:183 F '56
 Rasetti, F. Trempealeauian trilobites from the Conococheague, Frederick, and Grove limestones of the central Appalachians. J Paleont 33:397-8 My '59
 Wilson, J. L. Geography of olenid trilobite distribution and its influence on Cambro-Ordovician correlation. Am J Sci 255:338-40 My '57

Carboniferous

- Campbell, K. S. W. Lower carboniferous brachiopod-coral fauna from New South Wales. J Paleont 31:95-8 Ja '57
 Campbell, K. S. W. Some carboniferous productive brachiopods from New South Wales. J Paleont 30:480 My '56
 Cvcancara, A. M. Invertebrate fossils from the lower carboniferous of New South Wales. J Paleont 32:886-8 S '58
 Minato, Masao. Japanese carboniferous and Permian corals. (Sapporo, Japan. Hokkaido univ. Faculty of science. Dept. of geology and mineralogy. Contribution no540) Japan soc. for the promotion of science '55 p55-62

Cenozoic

- Daugherty, R. D. Archaeology of the Lind Coulee site, Washington. Am Phil Soc Proc 100:276-8 Je '56
 Hanzawa, Shoshiro. Cenozoic foraminifera of Micronesia. (Mém. 66) Geol. soc. of Am. '57 p99-111
 Johnston, C. Stuart, and Savage, Donald Elvin. Survey of various late cenozoic vertebrate faunas of the Panhandle of Texas. (Calif. Univ. Pubs. in geological sciences, v31, no2-3) Univ. of Calif. press '55 2v no2, p49, no3, p70

Cretaceous

- Bolin, E. J. Upper cretaceous foraminifera, ostracoda, and radiolaria from Minnesota. J Paleont 30:297-8 Mr '56
 Clark, D. L. Anisoceras and ancyloceras from the Texas cretaceous. J Paleont 32:1080-1 N '58
 Harris, R. W. and McNulty, C. L. Notes concerning a Senonian valvuliniferian. J Paleont 30:867-8 Jl '56
 Howe, Henry Van Wagenen, and Laurencich, Laura. Introduction to the study of cretaceous ostracoda. La. state univ. press '58 p519-36
 Imlay, R. W. New genera of early cretaceous (albian) ammonites from Alaska. J Paleont 33:184-5 Ja '59
 Kobayashi, T. and Nakano, M. Lower and middle cretaceous trigonians in Wakayama, Oita and Kumamoto prefectures, west Japan. Japan J Geol & Geog 29:151-2 Ag '58
 Kobayashi, T. and Nakano, M. On the pterotrigoniinae. Japan J Geol & Geog 28:235-8 D '57
 McGugan, A. Upper cretaceous foraminifera from northern Ireland. J Paleont 31:344-8 Mr '57
 Matsumoto, T. Family kossmaticeratidae from Hokkaido and Saghalien. Japan J Geol & Geog 26:162-4 Ag '55
 Miller, H. W. Check-list of the cretaceous and tertiary vertebrates of New Jersey. J Paleont 29:913-14 S '55
 Nakano, M. On the cretaceous pennatae trigonians in Japan. Japan J Geol & Geog 28:119-20 S '57
 Popenoe, Willis Parkison. Cretaceous gastropod genus *biplica*; its evolution and biostratigraphic significance. (Calif. Univ. Pubs. in geological sciences, v30, no6) Univ. of Calif. press '57 p445-6
 Reymont, R. A. Über einige wirbellose fossilen aus Nigerien und Kamerun. Westafrika. Palaeontographica 109 secA no3-6: 67-9 '57
 Skolnick, H. Lower cretaceous foraminifera of the Black Hills area. J Paleont 32:285 Mr '58
 Stelck, Charles Richard, and others. Middle Albian foraminifera from Athabasca and Peace River drainage areas of western Canada. (Research council of Alberta, Rep. no75) Shnitra '56 p57-60
 Young, K. Upper Albian (cretaceous) ammonoidea from Texas. J Paleont 31:31-3 Ja '57
 Ziegler, J. H. *Lituola grandis* (Reuss) aus dem untermaastricht der Bayerischen alpen. Palaeontographica 112 secA:126-30 Ja '59

Devonian

- Galloway, Jesse James, and St Jean, Joseph. Middle Devonian stromatoporoidea of Indiana, Kentucky, and Ohio. (Bul. of Am. paleontology, v37, no 162) Paleontological inst. '57 p260-71
 Glenister, B. F. Upper Devonian ammonoids from the mantidoceras zone, Fitzroy basin, Western Australia. J Paleont 32:94-6 Ja '58
 Imbrie, John. Brachiopods of the traverse group (Devonian) of Michigan; pt 1. Dalmanellacea, pentameracea, strophomenacea, orthotetacea, chonetacea, and productacea. (Bul. v 116, article 4) Am. museum of natural history '59 p408-9
 Jarvik, Erik. On the fish-like tail in the ichthyostegid stegocephallians, with descriptions of a new stegocephalian and a new crossopterygian from the upper Devonian of east Greenland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddeleser om Grønland, v 114, no 12) Lunos bogtr. '52 p87-90

PALEONTOLOGY—Devonian—Continued

- Klapper, G. Upper Devonian conodont fauna from the Darby formation of the Wind River mountains, Wyoming. *J Paleont* 32: 1091-3 N '58
- Middleton, G. V. Devonian tetracorals from south Devonshire, England. *J Paleont* 33: 158-60 Ja '59
- Pillet, J. Sur deux espèces d'annélides tubicoles du dévonien armoricain. *Soc Géol France Bul* 6:845-6 JI '57
- Rhodes, F. H. T. and Dineley, D. L. Devonian conodont fauna from southwest England. *J Paleont* 31:368-9 Mr '57
- Ross, M. H. Favositidae of the Hamilton group (middle Devonian of New York) Buffalo Soc Nat Sci Bul 21 no:86-9 '53
- Watkins, J. L. Middle Devonian alulopod corals from the traverse group of Michigan. *J Paleont* 33:807-8 S '59

Eocene

- Gazin, Charles Lewis. Review of the middle and upper eocene primates of North America. (Smithsonian misc. colls, v 136, no 1) Smithsonian inst. '58 p 100-7
- Geology and vertebrate paleontology of upper eocene strata in the northeastern part of the Wind River basin, Wyoming, by Harry A. Tourtelot and Charles Lewis Gazin. (Smithsonian misc. colls, v 131, no8; v 134, no4) Smithsonian inst. '56-'57 2v v 1, p26-7; v2, p31-3
- Stenzel, Henryk Bronislaw, and others. Pelecypoda from the type locality of the Stone City beds (middle eocene) of Texas. (Tex. Univ. Pub. no5704) Bur. of economic geology '57 p 187-96

See also

Hyracotherium

Jurassic

- Basse, E. and Karpoff, R. Quelques mollusques de l'Ourcen des environs de Shakra (Arabie séoudite). *Soc Géol France Bul* 7: 338-9 D '57
- Fleming, C. A. Upper Jurassic fossils and hydrocarbon traces from the Cheviot hills, North Canterbury. *N Z J Geol & Geophys* 1:393-4 My '58
- Haas, Otto. Revision of the Jurassic ammonite fauna of Mount Hermon, Syria. (Bul. v 108, article 1) Am. museum of natural history '55 p206-10
- Hayami, I. Review of the so-called liassic cyrenoids in Japan. *Japan J Geol & Geog* 29:26-7 Ag '58
- Hayami, I. Some Hettangian pelecypods from the trigonia-sandstone of the Shizukawa group in northeast Japan. *Japan J Geol & Geog* 29:109-10 Ag '58
- Hudson, R. G. S. Tethyan Jurassic hydroids of the family milleporidiidae. *J Paleont* 30: 730 My '56
- Imlay, Ralph Willard. Callovian (Jurassic) ammonites from the United States and Alaska; descriptions and ils. of cephalopods of late Jurassic age. (U.S. Geological survey. Professional paper 249) U.S. Gov. ptg. office '53 2v v 1, p34-5; v2, p 103-4
- Kobayashi, T. Studies on the Jurassic trigonians in Japan. *Japan J Geol & Geog* 25:78-80, 174-5 O-D '54
- Marie, P. and Mongin, D. Le valanginien du Mont-Rose de la Madrague (massif de Marseilleveyre, Bouches-du Rhône) *Soc Géol France Bul* 7:422-4 D '57
- Oechsle, E. Stratigraphie und ammoniten-fauna der sonnien-schichten des Eilsgebets. *Palaeontographica* 111 secA:125-7 JI '58
- Said, R. and Barakat, M. G. Jurassic microfossils from Gebel Maghara, Sinai, Egypt. *Micropalaeontology* 4:270, 272 JI '58
- Ziegler, B. Monographie der ammonitengattung glochicerias im epikontinentalen Weissjura Mitteleuropas. *Palaeontographica* 110 secA:159-61 JI '58

Mesozoic

- Evans, J. W. Palaeozoic and mesozoic hemiptera (insecta) Australian *J Zool* 4:253-4 O '56
- Haas, O. Recent literature on mesozoic ammonites. *J Paleont* 32:633-5 My '58

Miocene

- Bergounioux, F. M. and Crouzel, F. Révision de quelques espèces de mastodontes du miocène. *Soc Géol France Bul* 7:58-9 O '57

- Bhatia, S. R. and Mohan, K. Miocene (burgdigalian) foraminifera from Kathiawar, western India. *J Paleont* 33:660-1 JI '59
- Biesiot, P. G. Miocene foraminifera from the Uloa sandstone, Zululand. *Geol Soc S Africa Trans* 60:79-80 '57
- Dorr, J. A. Anceney local mammal fauna, latest miocene, Madison Valley formation, Montana. *J Paleont* 30:73-4 Ja '56
- Fields, Robert William. Hystricomorph rodents from the late miocene of Colombia, South America. (Calif. Univ. Pubs. in geological sciences, v32, no5) Univ. of Calif. press '57 p397-9
- Pierce, R. L. Upper miocene foraminifera and fish from the Los Angeles area, California. *J Paleont* 30:1313-14 N '56
- Rinnert, P. Die hufiere aus dem braunkohlen-miozän der Oberpfalz. *Palaeontographica* 107 sec A no 1-2:59-64 '56

Mississippian

- Elias, M. K. Late Mississippian fauna from the Redoak Hollow formation of southern Oklahoma. *J Paleont* 32:51-7 Ja '58
- Stanley, E. A. Some Mississippian conodonts from the high resistivity shale of the Nancy Watson no. 1 well in northern Mississippi. *J Paleont* 32:475-6 My '58

Ordovician

- Cooper, Gustav Arthur. Chazy and related brachiopods. (Smithsonian misc. colls, v 127, pts 1-2) Smithsonian inst. '56 2v v 1, p 1007-17
- Ehington, R. L. Conodonts of the ordovician galena formation. *J Paleont* 33:290-2 Mr '59
- Harrington, Horacio Jaime, and Leanza, Armando F. Ordovician trilobites of Argentina. (Kan. Univ. Dept. of geology. Special pub. no 1) Univ. of Kan. press '57 p251-9
- Harris, Reginald Wilson. Ostracoda of the Simpson group of Oklahoma. (Bul. 75) Okla. Geological survey '57 p283-98
- Ross, Reuben James. Ordovician fossils from wells in the Williston basin eastern Montana; a contribution to general geology. (U.S. Geological survey. Bul. 1021-M) U.S. Gov. ptg. office '57 p504-6
- Ross, R. J. Trilobites in a pillow-lava of the ordovician Valmy formation, Nevada. *J Paleont* 32:570 My '58
- Sando, William Jasper. Beekmantown group, lower Ordovician, of Maryland. (Memoir 68) Geological soc. of Am. '57 p 138-41
- Stone, G. L. and Furnish, W. M. Bighorn conodonts from Wyoming. *J Paleont* 33: 227-8 Mr '59
- Swain, F. M. Early middle ordovician ostracoda of the eastern United States. *J Paleont* 31:569-70 My '57
- Weiss, M. P. Upper middle ordovician stratigraphy of Fillmore county, Minnesota. *Geol Soc Am Bul* 68:1061-2 Ag '57
- Wilson, J. L. Geography of olenid trilobite distribution and its influence on Cambro-Ordovician correlation. *Am J Sci* 255:338-40 My '57

Paleozoic

- Dutro, John Thomas. Annotated bibliography of Alaskan paleozoic paleontology. (U.S. Geological survey. Bul. 1021-H) U.S. Gov. ptg. office '56 287p
- Evans, J. W. Palaeozoic and mesozoic hemiptera (insecta) Australian *J Zool* 4:253-4 O '56
- Galloway, J. J. and Jean, J. S. Bibliography of the order stromatoporoidea. *J Paleont* 30: 171-85 Ja '56
- Orvig, T. Notes on some paleozoic lower vertebrates from Spitsbergen and North America. *Norsk Geol Tids* 37 no3-4:347-53 '57

Pennsylvanian

- Ireland, H. A. Upper Pennsylvanian arenaceous foraminifera from Kansas. *J Paleont* 30:864 JI '56
- Jean, Joseph S. Middle Pennsylvanian foraminiferal fauna from Dubois county, Indiana. (Bul. 10) Ind. Geological survey '57 p54-7
- Lintz, J. Fauna of the Ames and Brush Creek shales of the Conemaugh formation of western Maryland. *J Paleont* 32:111-12 Ja '58
- Miller, H. W. and Swineford, A. Paleogeology of nodulose zone at top of Haskell limestone (upper Pennsylvanian) in Kansas. *Am Assn Pet Geol Bul* 41:2035-6 S '57

PALEONTOLOGY—Pennsylvanian—Continued

- Smyth, P. Fusulinids from the Pennsylvanian rocks of Ohio. *Ohio J Sci* 57:282-3 S '57
 Thompson, M. L. and others. Early Pennsylvanian fusulinids and ostracods of the Illinois basin. *J Paleont* 33:781, 792 S '59

Permian

- Cooper, G. Arthur. Permian brachiopods from central Oregon. (Smithsonian misc. colls. v 134, no 12) Smithsonian inst. '57 p68-70
 Elias, Maxim Konradovich, and Condra, George Evert. Fenestella from the Permian of west Texas. (Memoir 70) Geological soc. of Am. '57 p 119-24
 Minato, Masao. Japanese carboniferous and Permian corals. (Sapporo, Japan. Hokkaido Univ. Faculty of science. Dept. of geology and mineralogy. Contribution no 540) Japan soc. for the promotion of science '55 p55-62
 Rezak, R. Permian algae from Saudi Arabia. *J Paleont* 33:538 J1 '59
 Termier, H. and Termier, G. Contribution à l'étude des brachiopodes permien du Djebel Tebaga (extrême sud tunisien) Soc Géol France Bul 7:213-14 O '57
 Yochelson, Ellis Leon. Permian gastropoda of the southwestern United States; 1. Euomphalacea, trochonematacea, pseudophoracea, anomphalacea, craspedostomatacea, and platycratacea; with a sec. On the effect of the crinoid host on the variability of Permian platycratids, by Arthur L. Bowsher. (Bul. v 110, article 3) Am. museum of natural history '56 p271-5

Pleistocene

- Deraniyagala, Paulus Edward Pieris. Pleistocene of Ceylon. (Ceylon. Dept. of nat. museums. Natural history ser) Gov. press '58 p 147-51
 Emerson, William K. Pleistocene invertebrates from Punta China, Baja California, Mexico; with remarks on the composition of the Pacific coast quaternary faunas. (Bul. v 111, article 4) Am. museum of natural history '56 p340-2
 Hoffstetter, Robert. Les mammifères pléistocènes de la république de l'Équateur. (Mémoires, 5th ser, v32, no 1; Mémoire no66) Société géologique de France '52 p377-88
 Martin, P. S. and Harrell, B. E. Pleistocene history of temperate biotas in Mexico and eastern United States. *Ecology* 38:479-80 J1 '57
 Segerstråle, Sven G. On the immigration of the glacial relicts of northern Europe, with remarks on their prehistory. (Finska vetenskaps-societeten. Helsingfors. Commentationes biologicae, XVI, 16) Munksgaard '57 p 110-17
 Valentine, J. W. Late pleistocene megafauna of Cayucos, California, and its zoogeographic significance. *J Paleont* 32:695-6 J1 '58
 Valentine, J. W. Upwelling and thermally anomalous Pacific Coast pleistocene molluscan faunas. *Am J Sci* 253:473-4 Ag '55
 Wetmore, Alexander. Birds of the pleistocene in North America. (Smithsonian misc. colls. v 138, no4) Smithsonian inst. '59 p22-4

Pliocene

- Bartha, Ferenc. Pliocén puhatestű fauna ösöröl. Die pliozäne molluskenfauna von Öcs. (A Magyar állami földtani intézet évkönyve, v42, no3) Nehézipari könyv- és folyóiratkiadó vállalat '54 p26-7
 Macdonald, J. R. Middle pliocene mammalian fauna from Smiths valley, Nevada. *J Paleont* 33:887 S '59
 Savage, Donald Elvin. Nonmarine lower pliocene sediments in California; a geochronologic-stratigraphic classification. (Calif. Univ. Pubs. in geological sciences, v31, no 1) Univ. of Calif. press '55 p25-6

Silurian

- Johnson, J. H. and others. Studies of Silurian (Gotlandian) algae. *Colo Sch Mines Q* 54: 77-82, 129, 158 Ja '59
 Swartz, F. M. and Whitmore, F. C. Ostracoda of the Silurian Decker and Manlius limestones in New Jersey and eastern New York. *J Paleont* 30:1090-1 S '56

Tertiary

- David, L. R. Tertiary anacanthin fishes from California and the Pacific Northwest; their paleoecological significance. *J Paleont* 30: 607 My '56
 Downs, Theodore. Mascall fauna from the miocene of Oregon. (Calif. Univ. Pubs. in geological sciences, v31, no5) Univ. of Calif. press '56 p338-43
 Gazin, Charles Lewis. Review of the upper eocene artiodactyla of North America. (Smithsonian misc. colls. v 128, no8) Smithsonian inst. '55 p91-4
 Glaessner, M. F. and Wade, M. Revision of the foraminiferal family victoriellidae. *Micropaleontology* 5:208, 210, 212 Ap '59
 Hagn, H. Geologische und paläontologische untersuchungen im tertiär des Monte Brione und seiner umgebung. *Palaeontographica* 107 secA no3-6:195-205 '56
 Miller, H. W. Check-list of the cretaceous and tertiary vertebrates of New Jersey. *J Paleont* 29:913-14 S '55
 Shotwell, J. A. Evolution and biogeography of the apiodontid and mylagaulid rodents. *Evolution* 12:482-4 D '58
 Smith, Bernice Young. Lower tertiary foraminifera from Contra Costa county, California. (Calif. Univ. Pubs. in geological sciences, v32, no3) Univ. of Calif. press '57 p201-7
 Triassic
 Colbert, Edwin Harris, and Imbrie, John. Triassic metoposaurid amphibians. (Bul. 110, article 6) Am. museum of natural history '56 p451-2
 Ichikawa, K. Early neo-triassic pelecypods from Iwai, near Itukaichi, Tokyo prefecture. *Japan J Geol & Geog* 25:194-5 D '54
 Tokuyama, A. On the late triassic rhynchonellids of Japan. *Japan J Geol & Geog* 28: 136-7 S '57

Alaska

- Dutro, John Thomas. Annotated bibliography of Alaskan paleozoic paleontology. (U.S. Geological survey. Bul. 1021-H) U.S. Gov. ptg. office '56 287p

California

- Hall, Clarence A. Geology and paleontology of the Pleasanton area, Alameda and Contra Costa counties, California. (Calif. Univ. Pubs. in geological sciences, v34, no 1) Univ. of Calif. press '53 p60-3
 McGlasson, R. H. Foraminiferal biofacies around Santa Catalina island, California. *Micropaleontology* 5:237, 240 Ap '59
 Marianos, A. W. and Valentine, J. W. Eocene ostracode fauna from Marysville buttes, California. *Micropaleontology* 4:372 O '58
 Savage, Donald Elvin. Nonmarine lower pliocene sediments in California; a geochronologic-stratigraphic classification. (Calif. Univ. Pubs. in geological sciences, v31, no 1) Univ. of Calif. press '55 p25-6

California, Lower

- Emerson, William K. Pleistocene invertebrates from Punta China, Baja California, Mexico; with remarks on the composition of the Pacific coast quaternary faunas. (Bul. v 111, article 4) Am. museum of natural history '56 p340-2

Ceylon

- Deraniyagala, Paulus Edward Pieris. Pleistocene of Ceylon (Ceylon. Dept. of nat. museums. Natural history ser) Gov. press '58 p 147-51

Europe

- Kirchheimer, Franz. Die laubgewächse der braunkohlenzeit; mit einem kritischen katalog ihrer früchte und samen. Knapp '57 p633-46

Florida

- Ray, Clayton E. List, bibliography, and index of the fossil vertebrates of Florida. (Special pub. no3) Fla. Geological survey '57 p25-95

France

- Berger, F. E. Untersuchungen an schädel- und gebissresten von calnotheriidae besonders aus den oberoligoacenen spaltenfüllungen von Gaimersheim bei Ingolstadt. *Palaeontographica* 112 secA:55-6 Ja '59

PALEONTOLOGY—Continued

Greenland

Jarvik, Erik. On the fish-like tail in the ichthyostegid stegocephalians, with descriptions of a new stegocephalian and a new crossopterygian from the upper Devonian of east Greenland. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland v 114, no 12) Lunos bogtr. '52 p87-90

Gulf Coast region

Akers, W. H. and Drooger, C. W. Miogypsinids, planktonic foraminifera, and Gulf Coast oligocene-miocene correlations. Am Assn Pet Geol Bul 41:677-8 Ag '57

Hungary

Bartha, Ferenc. Pliocén puhatestű fauna öcsről. Die pliozäne molluskenfauna von Öcs. (A Magyar állami földtani intézet évkönyve, v42, no3) Nehézipari könyv- és folyóiratkiadó vállalat '54 p26-7

India

Mohan, K. Miogypsinidae from western India. Micropaleontology 4:388-90 O '58

Israel

Hudson, R. G. S. Upper Jurassic faunas of southern Israel. Geol Mag 95:424-5 S '53

Japan

Kobayashi, T. and Horikoshi, M. Indigenous aturia and some tropical gastropods from the miocene of Wakasa in west Japan. Japan J Geol & Geog 29:53-4 Ag '58

Minato, Masao. Japanese carboniferous and Permian corals. (Sapporo, Japan. Hokkaido univ. Faculty of science. Dept. of geology and mineralogy. Contribution no 540) Japan soc. for the promotion of science '55 p55-62

New Zealand

Waterhouse, J. B. Occurrence of atomodesma Beyrich in New Zealand. N Z J Geol & Geophys 1:176-7 F '58

North America

Ballard, Ted William. North American fossil reefs. Hewtex pub. co. '54 p91-362

Galloway, Jesse James, and Kaska, Harold V. Genus pentremites and its species. (Memoir 69) Geol. soc. of Am. '57 p81-4

Lochman-Balk, C. and Wilson, J. L. Cambrian biostratigraphy in North America. J Paleont 32:348-50 Mr '58

Stover, Lewis E. Ostracoda from the Windom shale (Hamilton) of western New York. J Paleont 30:1140-2 S '56

Ohio

La Rocque, Aurèle, and Marple, Mildred Fisher. Ohio fossils. (Bul. 54) Ohio. Div. of geological survey '55 p 137-44

Oklahoma

Amsden, Thomas W. Catalog of fossils from the Hunton group, Oklahoma. (Circ. 38) Okla. Geological survey '56 p62-3

Harris, Reginald Wilson. Ostracoda of the Simpson group of Oklahoma. (Bul. 75) Okla. Geological survey '57 p283-98

Morgan, James Leland. Spores of McAlester coal. (Circ. 36) Okla. Geological survey '55 p44-9

South Africa

Haughton, Sidney Henry, and Brink, A. S. Bibliographical list of reptilia from the Karroo beds of Africa. (Paleontologia africana, v2) Univ. of the Witwatersrand '54 187p

Texas

Stephenson, Lloyd William. Larger invertebrate fossils of the Woodbine formation (cenomanian) of Texas; with decapod crustaceans from the Woodbine formation of Texas, by H. B. Stenzel. (U.S. Geological survey. Professional paper 242) U.S. Gov. ptg. office '52 p44-50

United States

Bolin, E. J. Upper cretaceous foraminifera, ostracoda, and radiolaria from Minnesota. J Paleont 30:297-8 Mr '56

Dorr, J. A. Anceney local mammal fauna, latest miocene, Madison Valley formation, Montana. J Paleont 30:73-4 Ja '56

McGrew, Paul Orman, and others. Geology and paleontology of the Elk Mountain and Tabernacle Butte area, Wyoming. (Bul. v 117, article 3) Am. museum of natural history '59 p 174-6

Washington (state)

Daugherty, R. D. Archaeology of the Lind Coulee site, Washington. Am Phil Soc Proc 100:276-8 Je '56

PALEONTOLOGY, Botanical. See Paleobotany

PALEOZOLOGY. See Paleontology

PALÉS MATOS, Luis

Palés Matos, Luis. Poesía, 1915-1956; introd. por Federico de Onís. Eds. de la Univ. de Puerto Rico '57 p35-41

PALESTINE

Die Palästina-literatur; eine int. bibliog. in systematischer ordnung; hrsg. v. Peter Thomsen; v A, 1878-1894. Akademie-verlag '57-'60 905p

Die Palästina-literatur; eine int. bibliog. in systematischer ordnung; hrsg. v. Peter Thomsen; v6, Die literatur der jahre 1935-1939. Akademie-verlag '53-'56 832p

Palestine and Zionism, 1955-[1956] (V 10-11) Zionist archives & lib. '56-'58 2v

Zionist archives and library. Palestine and Zionism; a bibliog. of bks, pamphlets and periodicals. The archives. See numbers thru 1954

See also

Israel

Zionism

Antiquities

Bibliographie. See numbers of Revue de Qumran

Foreign relations

Glick, Edward B. Latin America and the Palestine problem. Theodor Herzl foundation '58 p 182-96

History

Owen, George Frederick. Abraham to the Middle-East crisis. 4th rev ed Eerdmans '57 p425-9

PALISSY, Bernard, 1510-1590?

Palissy, Bernard. Admirable discourses; tr. by Aurèle La Rocque. Univ. of Ill. press '57 p257-64 annot

PALMA, Ricardo, 1833-1919

Barrenechea, R. P. Bibliografía de Ricardo Palma. (In Palma, Ricardo. Tradiciones peruanas. Editorial Cultura antártica '51 6v v1, p xi-lxxxii)

Palma, Ricardo. Tradiciones peruanas completas; edición y prólogo de Edith Palma; con seis extensos apéndices y una sel. de cartas del autor. Aguilar '52 p 1594-1604 —Same. 2d ed Aguilar '53 p 1750-60

PALMER, Edward, 1831-1911

McVaugh, Rogers. Edward Palmer, plant explorer of the American West. Univ. of Okla. press '56 p403-20

PALMER, Theodore Sherman, 1868-1955

United States. Library of Congress. Manuscript division. Theodore Sherman Palmer; a register of his papers in the Library. The library '53 8p

PALMERSTON, Henry Temple, 2d viscount, 1739-1802

Palmerston, Henry Temple, 2d viscount. Portrait of a golden age [his] intimate papers; comp. and ed. by Brian Connell. Houghton '53 p466-75

PALMEZZANO, Marco, 1459?-1539

Grigioni, Carlo. Marco Palmezzano, pittore forlivese; nella vita, nelle opere, nell'arte. Fratelli Lega '56 p 167-284

PALMS

See also

Babassú palm

Oil palm

PALSY, Cerebral. See Paralysis, Cerebral

PALUDISM. See Malaria

PALUMBO, Pietro

Palumbo, Pietro. Scritti scelti di ragioneria; previsioni aziendali e bilanci di previsione, riserve nelle aziende di produzione, studi diversi sulle riserve. (Palermo. Univ. Istituto di ragioneria e di ricerche economico-aziendali. Collana di studi di amministrazione aziendale, 8) Abbaco '53 p xv

PAMPHLETS

- Amsterdam. Rijksinstituut voor oorlogsdocumentatie. Catalogus van pamfletten, 1940-1945. A catalogue of pamphlets, 1940-1945. The institute '52 46p
- California. Department of education. Bureau of guidance. Occupational pamphlets; a rev. list of free and inexpensive pamphlets. The bureau '56 17p
- Complete catalogue of stich'd books and single sheets. Narcissus Luttrell's Popish plot catalogues; introd. by F. C. Francis. (Luttrell soc. Reprints, no 15) Blackwell '56 15p
- Federation employment and guidance service. Free occupational and vocational guidance literature. The service '55 50p
- Foreign policy association. Pamphlet advisory service. The association. See numbers thru My 1957
- Joint council on economic education. Bibliography of free and inexpensive materials for economic education. The council '55 36p
- Same. rev ed The council '56 48p
- Same. rev. ed The council '57 75p
- Meyer, Rudolf. Die flugschriften der epoche Ludwigs XIV; eine untersuchung der in schweizerischen bibliotheken enthaltenen broschüren, 1661-1679. Helbing & Lichtenhahn '55 p252-63
- Michigan. Department of conservation. Division of education. Where and how to obtain free and inexpensive bulletins, books, and visual aids; prepared by R. D. Burroughs. The division '54 29p
- Same. The division '55 30p
- Newberry library, Chicago. Checklist of French political pamphlets, 1560-1644 in the Newberry library; comp. by Doris Varner Welsh. The library '50 204p
- Second checklist of French political pamphlets, 1560-1653 in the Newberry library; comp. by Doris Varner Welsh. The library '55 190p
- Pamphleteer monthly. William-Frederick press. See numbers
- Vertical file index. Wilson. See numbers

PANAMA

- Blesanz, John Berry, and Blesanz, Mavis. People of Panama. Columbia univ. press '55 p396-403 annot
- Panama (city). Universidad. Biblioteca. Bibliografía panameña existente en la Biblioteca de la Universidad. The library '53? 109p
- Description and travel
- Rubio y Muñoz-Bocanegra, Angel. Bibliografía básica de geografía de Panamá; con especial referencia a la bibliografía sobre recursos naturales. (Pub. no 1) Dept. de geografía, Univ. de Panamá '53 22p

PAN AMERICAN highway

- Pan American union. Travel division. Pan American highway system; a comp. of official data on the present status of the Pan Am. highway system in the Latin Am. republics. rev ed The division '55 p65-6

PAN AMERICANISM

- Burr, Robert N. and Hussey, Roland D. eds. and trs. Documents on inter-American co-operation. (Pa. Univ. Dept. of history. Trs. and reprints from the original sources of history, 4th ser) Univ. of Pa. press '55 2v v 1, p 171-4; v2, p203-5
- Galindez Suárez, Jesús. Iberoamérica; su evolución política, socio-económica, cultural e internacional. Las Americas '54 p529-601
- Kiser, Margaret. Organization of American states; a handbk. for use in schools, colleges, and adult study groups. 4th ed Pan Am. union '55 p69-74

PANCREAS

- Lyman, R. L. and Lepkovsky, S. Effect of raw soybean meal and trypsin inhibitor diets on pancreatic enzyme secretion in the rat. J Nutrition 62:283-4 Je '57

PANEL heating. See Radiant heating

PANELLA, Antonio. 1878-1954

- Panela. Antonio. Scritti archivistici. (Pubblicazioni degli archivi di stato, 19) Italy. Ministero dell'interno '55 p279-320

PANHISPANISM

- Van Aken, Mark J. Pan-Hispanism; its origin and development to 1866. (Calif. Univ. Pubs. in history, v63) Univ. of Calif. press '59 p 157-9

PANSLAVISM

- Kohn, Hans. Pan-Slavism, its history and ideology. (Notre Dame. Univ. Com. on int. relations. Int. studies) Univ. of Notre Dame press '53 p339-48
- Petrovich, Michael Boro. Emergence of Russian Pan Slavism, 1856-1870. (Columbia univ. Russian inst. Studies) Columbia univ. press '56 p289-303

PANTOTHENIC acid

- Barboriak, J. J. and others. Effect of partial pantothenic acid deficiency on reproductive performance of the rat. J Nutrition 63:598-9 D '57
- Zucker, T. F. Pantothenic acid deficiency and its effect on the integrity and functions of the intestines. Am J Clin Nutrition 6: 73-4 Ja '58

PAPACY

- Brezzi, Paolo. Papacy; its origins and historical evolution; tr. by Henry J. Yannone. Newman press '58 p211-19 annot
- Guillemin, Bernard. La politique bénéficiaire du pape Benoît XII, 1334-1342. (Bibliothèque de l'Ecole des hautes études, no 299) Champignon '52 p 16-18

See also

Vatican council, 1869-1870

PAPAL encyclicals. See Encyclicals, Papal

PAPER

- Technical association of the pulp and paper industry. Wet strength in paper and paper-board; auths: K. W. Britt [and others] (TAPPI monograph ser, no 13) The association '54 incl bibliog

See also

Fillers (in paper, paint, etc)

Watermarks

Analysis

- Browning, B. L. Chemical analysis of paper. Tappi 39:173A-176A Ja '56

Testing

- Korn, Rudolph, and Burgstaller, Friedrich. Papier- und zellstoff-prüfung, 2d enl ed (Handbuch der werkstoffprüfung, v 4) Springer '53 p412-14, 423
- West, Clarence Jay. Bibliography of paper testing; pt 1, Strength properties. 2d ed (Bibliog. ser, no 139-144) Inst. of paper chemistry '49 182p annot
- Supplement, by Russell Elston. (Bibliog. ser, no 139-144) Inst. of paper chemistry '54 87p annot
- West, Clarence Jay. Bibliography of paper testing; pt 3, Optical properties. (Bibliog. ser, no 157-159) Inst. of paper chemistry '43 1v
- Supplement, by Russel Elston. (Bibliog. ser, no 157-159) Inst. of paper chemistry '54 70p annot
- West, Clarence Jay, and Elston, Russell. Bibliography of paper testing; pt 2A, Structural properties; pt 2B, Surface properties. 2d ed (Bibliog. ser, no 154-156) Inst. of paper chemistry '54 159p annot

PAPER, Waste. See Waste paper

PAPER board

- Barker, Maurice Eugene. Problems relating to the fabrication of building boards. (Bul. no21) Engineering experiment station, Univ. of Ark. '54 p35-6

PAPER coatings

- Technical association of the pulp and paper industry. Starch and starch products in paper coating; auths: F. H. Frost [and others] (TAPPI monograph ser, no 17) The association '57 incl bibliog

PAPER making and trade

- American society for testing materials. Symposium on paper and paper products: new developments with accompanying requirements for new testing methods; presented at the 61st annual meeting, Boston, Mass, June 26, 1958. (ASTM special technical. pub. no241) The society '59 incl bibliog
- British paper and board makers' association. Technical section. Technical bulletin. The association. See numbers

- Calkin, John Burgess. Modern pulp and paper making. 3d ed rev Reinhold '57 incl bibliog

PAPER making and trade—Continued

Cervenka, Karel. Papírenský stroj. Státní nakl. technické literatury '54 incl bibliog
Corte, Heinz. Das zellstoff- und papier-laboratorium. Phylwe '54 incl bibliog

Foreign abstracts. See numbers of Paper industry

Fulling, E. H. Botanical aspects of the paper-pulp and tanning industries in the United States—an economic and historical survey. *Am J Bot* 43:633-4 O '56

Hunter, Dard. My life with paper; an autobiography. Knopf '58 p227-37

Joint textbook committee of the paper industry of the United States and Canada. Pulp and paper manufacture, new series; prepared under the direction of the Joint executive com. on vocational education representing the pulp and paper industry of the United States and Canada; J. Newell Stephenson, editor-in-chief. McGraw '50-'55 4v incl bibliog

Mardon, J. and Shoumatoff, N. Flocculation, formation and headbox design. *Pulp & Pa Mag Can* 57 no3:318-19 '56

Mardon, J. and others. Effect of some machine characteristics on paper uniformity. *Pulp & Pa Mag Can* 56 no3:297 '55

Mills, George Jackson. Guide to films, periodicals, and books in printing, paper, publishing, printed advertising, and their closely related industries. School of ptg. management, Carnegie inst. of technology '56 64p

Overton, John. Paper for book production. (Nat. bk. league Bk. no3) Cambridge '55 p 10-16

Pulp and paper manufacture; bibliog. and U. S. patents, 1951-1955; comp. by Jack Weiner. Technical assn. of the pulp & paper industry '57 1201p

Pulp and paper manufacture; bibliog and U.S. patents, 1956I-1958I Technical assn. of the pulp & paper industry '57-'59 3v

Survey of periodical articles. See numbers of Appleton, Wisconsin. Institute of paper chemistry. Bulletin

Whalley, Muriel E. Selected bibliography on water pollution caused by the pulp and paper industry. (T.I.S. rep. no48) Technical information service. Nat. research council '56 36p

See also

Book industries and trade

Bleaching

West, Clarence Jay, and Weber, Warren Bruce. Bleaching. (Bibliog. ser. no 183) Inst. of paper chemistry '55 441p

By-products

See also

Sulfite liquor

Sulfite process

Harris, G. R. Comparison of calcium, magnesium, sodium and ammonium-base liquors in sulphite pulping. *Pulp & Pa Mag Can* 58 no3:313 '57

Harris, G. R. and Wayman, M. Comparison of sodium, calcium, and mixed-base liquors in the sulphite pulping of western hemlock. *Pulp & Pa Mag Can* 57 no3:235-+ '56

India

Eddison, John C. Case study in industrial development; the growth of the Indian pulp and paper industry. Center for int. studies, Mass. inst. of technology '55 p325-37

PAPER research

Felicitata, V. F. and McCarthy, J. L. Pulp mills research program at the University of Washington. *Tappi* 40:864-6 N '57

PAPER thread

Leonhardt, Kurt. Papierstoffgarne, zellulongarne nach dem nass-spinnverfahren Türk-Issenmann. (Veröffentlichungen auf dem gebiete der faserstoff-forschung & textiltechnik, no3) Akademie-verlag '54 p88-90

PAPER yarn. See Paper thread

PAPUA. See New Guinea

PAPYRI. See Manuscripts (papyri)

PAPYRUS manuscripts. See Manuscripts (papyri)

PARAAMINO BENZOIC acid. See Aminobenzoic acid

PARACHUTES

Goglia, M. J. and others. Air permeability of parachute cloths. *Textile Res J* 25:311-13 Ap '55

PARADICHLOROBENZENE

Hollingsworth, R. L. and others. Toxicity of paradichlorobenzene. *AMA Archives Ind Health* 14:146-7 Ag '56

PARAGUAY

Pendle, George. Paraguay, a riverside nation. 2d ed Royal inst. of int. affairs '56 p 112-18

Raine, Philip. Paraguay. Scarecrow '56 p420-6 annot

History

Sources

Colom, F. S. Lista del contenido de los volúmenes microfilmados del Archivo nacional de Asunción. *Hispan Am Hist R* 38:60-120 F '58

PARALYSIS

See also

Paraplegia

PARALYSIS, Anterior spinal. See Infantile paralysis

PARALYSIS, Cerebral

American public health association. Services for children with cerebral palsy; a guide for public health personnel; prepared jointly by the Com. on child health of the Association and the Am. acad. for cerebral palsy. The association '55 p 104-7

Block, W. E. Study of somatopsychological relationships. *Excep Child* 22:82-3 N '55

Cardwell, Viola E. Cerebral palsy; advances in understanding and care. *Assn. for the aid of crippled children* '56 p561-608

Cruikshank, William M. and others. Perception and cerebral palsy; a study in figure background relationship. (Syracuse Univ. Special education and rehabilitation monograph ser. 2) Syracuse univ. press '57 p 118-23

Mecham, M. J. Bibliography of publications on speech and hearing in cerebral palsy. *J Speech & Hear Dis* 22:348-55 S '57

Russ, Joseph D. and Soboloff, Hyman R. Primer of cerebral palsy. (Am. lecture ser. no329) Thomas '58 p71-7

Schonell, Florence Eleanor. Educating spastic children; the education and guidance of the cerebral palsied. *Philosophical lib.* '56 p230-5

PARALYSIS agitans

Houston neurological society. Pathogenesis and treatment of Parkinsonism: 6th annual scientific meeting of the Society; comp. and ed. by William S. Fields. Thomas '58 incl bibliog

PARAMECIUM

Austin, M. L. and others. Antigenic transformation as adaptive response of paramecium aurelia to patulin; relation to cell division. *Physiol Zool* 29:286-7 O '56

Hanson, E. D. Some aspects of the quantitative study of cytoplasmic particles: mixed populations of kappa in paramecium aurelia, variety 4. *J Exp Zool* 135:55-6 Je '57

Margolin, P. Ciliary antigens of stock 172, paramecium aurelia, variety 4. *J Exp Zool* 133:386-7 N '56

Wichterman, Ralph. Biology of paramecium. *Blakiston* '53 p433-505

PARANA, Brazil (state)

Description and travel

Müller, N. L. Contribuição ao estudo do norte do Paraná. *Bol Paulista Geog* 22:95-7 Mr '56

History

Sources

Rio de Janeiro. Biblioteca nacional. Catálogo de manuscritos sobre o Paraná existentes na Biblioteca nacional. Divisão de obras raras e publicações '53 48p

PARANA valley

Associação dos geógrafos brasileiros. Condições geográficas e aspectos geoeconômicos da Bacia Paraná-Uruguai [bibliog. by D. Lipo de Mattos] The association '55 2v v 1, p427-72

PARAPLEGIA

United States. Veterans administration. Medical and general reference library. Traumatic paraplegia; comp. by Muriel McKenna. The administration '57 66p

PARASITES

- Audy, J. R. ed. Malaysian parasites. (Kuala Lumpur, Malaya. Inst. for medical research. Studies, no 26. 28) Gov. press '54-'57 2v
- Honess, Ralph F. and Winter, Kenneth B. Diseases of wildlife in Wyoming, for those interested in the diseases and parasites of the wild animal. (Bul. 9) Wyo. Game and fish comm. '56 incl bibliog
- Hörning, Bernd. Soviet helminthology: Literature survey for the years 1946-1953. (Berlin. Freie univ. Osteuropa-inst. Berichte. Reihe Medizin. no 13) Brandt '57 incl bibliog
- Piekarski, Gerhard. Lehrbuch der parasitologie, unter besonderer berücksichtigung der parasiten des menschen. Springer '54 p668-721
- United States. Department of agriculture. Index catalogue of medical and veterinary zoology; sup 11-10] U.S. Gov. ptg. office '53-'60 10v
- Yogore, M. G. Studies on paragonimiasis. Philippine J Sci 86:43-4. 68 Mr '57
- See also
- Bacteriophage
- Coccidia
- Insects, Injurious and beneficial
- Mesozoa
- Mites
- Nematoda
- Parasitism
- Protozoa
- Tapeworms
- Trematoda
- Worms, Intestinal and parasitic

Migration

- Kennedy, P. C. Migrations of the larvae of ascaris lumbricoides in cattle and their relation to eosinophilic granulomas. Cornell Vet 44:563-5 O '54

Birds

- Anderson, R. C. Life cycle and seasonal transmission of Ornithofilaria fallisensis Anderson, a parasite of domestic and wild ducks. Can J Zool 34:523-5 O '56
- Boyd, E. M. and others. Metazoan parasites of the blue jay, cyanocitta cristata L. J Parasitol 42:343-5 Ja '56
- Hanson, H. C. and others. Coccidia (protozoa: elmeriidae) of North American wild geese and swans. Can J Zool 35:732-3 D '57
- Laird, M. and Lari, F. A. Avian blood parasite, babesia moshkovskii (Schurenkova, 1938) with a record from corvus splendens Vieillot in Pakistan. Can J Zool 35:794-5 D '57
- Mahon, J. Helminth parasites of reptiles, birds, and mammals of Egypt: avian cestodes. Can J Zool 36:604-5 Ag '58
- Mahon, J. On a collection of avian cestodes from Canada. Can J Zool 34:118-19 Ap '56
- Rothschild, Miriam, and Clay, Theresa. Fleas, flukes & cuckoos; a study of bird parasites. 3d ed (New naturalist lib. Special vol.7) Macmillan '57 p269-84
- Ward, R. A. Study of the host distribution and some relationships of mallophaga parasitic on birds of the order tinamiformes. Entom Soc Am Ann 50:352-3 Jl '57
- Wehr, E. E. and others. Chemotherapy of blackhead in poultry. Am Vet Med Assn J 132:444-5 My 15 '58

Domestic animals

- Güralp, N. and others. Some further evaluation of emetine therapy against sheep and goat lungworms. Cornell Vet 47:522-4 O '57
- Sweatman, G. K. Life history, non-specificity, and revision of the genus choriopotes, a parasitic mite of herbivores. Can J Zool 35:638-9 D '57
- United States. Department of agriculture. Animal diseases. (Yearbk. of agriculture, 1956) U.S. Gov. ptg. office '56 incl bibliog

Fishes

- Margolis, L. New species of lecitophyllum from north Pacific fishes with a consideration of the taxonomy of the genera lecitophyllum, apionurus, and brachadena (trematoda: hemiuridae) Can J Zool 36:903-4 D '58
- Schäperclaus, Wilhelm. Fischkrankheiten. 3d ed Akademie-verlag '54 p644-73

Horses

- Babić, Ivo, and others. Nametnici i nametničke bolesti konja. Jugoslavenska akademija znanosti i umjetnosti '53 incl bibliog

Hosts

- Shaw, M. and others. Physiology of host-parasite relations. Can J Bot 34:405, 618-19; 35:406-7, 455, 461; 36:14-16 My, Jl '56, My, Jl '57, Ja '58

Insectivora

- Oswald, V. H. Helminth parasites of the short-tailed shrew in central Ohio. Ohio J Sci 58:333-4 N '58

Insects

- Allen, W. W. Biology of apanteles medicaginis Muesebeck (hymenoptera: braconidae) Hilaria 27 no 18:538-41 S '58
- Allen, W. W. and Smith, R. F. Some factors influencing the efficiency of apanteles medicaginis Muesebeck (hymenoptera: braconidae) as a parasite of the alfalfa caterpillar, colias philodice eurytheme Boisduval. Hilaria 28 no 1:40-2 N '58
- Flanders, S. E. and others. Casca chinensis, an internal parasite of California red scale. Hilaria 28 no 3:90-1 N '58
- Jensen, D. D. Parasites of the psyllidae. Hilaria 27 no 2:96-9 S '57
- Langston, Robert Lee. Synopsis of hymenopterous parasites of malacosoma in California. (lepidoptera, lasiocampidae) (Calif. Univ. Pubs. in entomology, v 14, no 1) Univ. of Calif. press '57 p47-9
- Lloyd, D. C. Studies of parasite oviposition behaviour. Can Entom 40:460-1 Ag '58
- Nishida, T. Natural enemies of the melon fly, dacus curcubitae Coq. in Hawaii. Entom Soc Am Ann 48:177-8 My '55
- Smith, R. W. Parasites of nymphal and adult grasshoppers (orthoptera: acrididae) in western Canada. Can J Zool 36:259-62 Ap '58
- Wirth, W. W. New species and records of biting midges ectoparasitic on insects (diptera, heleidae) Entom Soc Am Ann 49:363-4 Jl '56
- Wishart, G. and others. Parasites of hylemya spp. (diptera: anthomyiidae) that attack cruciferous crops in Europe. Can Entom 39:517 N '57
- Wylie, H. G. Factors that affect host finding by nasania vitripennis (Walk.) (hymenoptera: pteromalidae) Can Entom 40:607-8 O '58

See also

- Fungi, Entomogenous
- Insects, Injurious and beneficial—Biological control
- Insects, Predatory

Live stock

- Bailey, W. S. Veterinary parasite problems. Pub Health Rep 70:981-2 O '55
- De Kock, G. Studies on the lesions and pathogenesis of East Coast fever (theileria parva infection) in cattle, with special reference to the lymphoid tissue. Onderstepoort J Vet Res 27:451-2 D '57
- Lubinsky, G. Studies on the evolution of the ophryoscolecidae (ciliata: oligotricha) Can J Zool 35:132-3, 140, 159 F '57
- Neitz, W. O. Theileriosis, gonderioses and cytauxzoonoses. Onderstepoort J Vet Res 27:275-430 D '57 incl bibliog
- Neitz, W. O. and Jansen, B. C. Discussion on the classification of the theileridae. Onderstepoort J Vet Res 27:15-18 Ja '56

See also

- Coccidiosis

Mammals

- Doran, D. J. Catalogue of the protozoa and helminths of North American rodents. Am Midl Natur 52:123-8, 473-8; 53:168-75, 448-52 Jl-O '54, Ja-Apr '55
- Gabel, J. R. Morphology and taxonomy of the intestinal protozoa of the American woodchuck, marmota monax Linnaeus. J Morphol 94:537-40 My '54
- Hiregaudar, L. S. and Bal, D. V. Some ectoparasites of bats from India. Azra Univ J Res 5:131-4 Ja '56
- Kraut, N. Electrophoretic study of sera from rats artificially infected with and immunized against the larval cestode cysticercus fasciolaris. J Parasitol 42:120-1 Ap '56
- Premvati. Studies on strongyloides of primates. Can J Zool 36:77, 194-5, 452; 37:80-1 F-Je '58, F '59
- Rausch, R. Studies on the helminth fauna of Alaska. J Parasitol 40:559-60 O '54

PARASITES—Mammals—Continued

- Sweatman, G. K. On the life history and validity of the species in psoroptes, a genus of mange mites. *Can J Zool* 36:928-9 D '58
 Voge, M. List of nematode parasites from California mammals. *Am Midl Natur* 56: 428-9 O '56

See also

Ticks

Man

- Chandler, A. C. and Pradatsundarasar, A. Two cases of railletina infection in infants in Thailand, with a discussion of the taxonomy of the species of railletina (cestoda) in man, rodents and monkeys. *J Parasitol* 43:87-8 F '57

- Craig, Charles Franklin. Craig and Faust's clinical parasitology, by Ernest Carroll Faust and Paul Farr Russell; with the editorial assistance of David Richard Lincicome. 6th ed rev Lea '57 incl bibliog
 Faust, Ernest Carroll. Animal agents and vectors of human disease. Lea '55 incl bibliog

- Faust, E. C. History of human parasitic infections. *Pub Health Rep* 70:964-5 O '55
 Piekarski, Gerhard. Lehrbuch der parasitologie, unter besonderer berücksichtigung der parasiten des menschen. Springer '54 p668-721

- Wright, W. H. Current status of parasitic diseases. *Pub Health Rep* 70:974-5 O '55

See also

Onchocerciasis

Rodents

- Bull, P. C. Incidence of coccidia (sporozoa) in wild rabbits, *orytolagus cuniculus* (L.) in Hawke's Bay, New Zealand. *N Z J Sci & Tech* 1:327-9 Je '58

- Doran, D. J. Catalogue of the protozoa and helminths of North American rodents. *Am Midl Natur* 52:123-8, 473-8; 53:168-75, 448-52 Ji-O '54, Ja-Apr '55

- Gallati, W. W. Fibrosarcoma associated with the cysticercus of taenia taeniaeformis in the liver of a muskrat. *Ohio J Sci* 56:74-5 Mr '56

- Rausch, R. Distribution and specificity of helminths in microtine rodents: evolutionary implications. *Evolution* 11:368 S '57

PARASITISM

- Brown, W. On the physiology of parasitism in plants. *Ann Ap Biol* 43:340-1 S '55

- Cole, J. S. and others. Studies in the physiology of parasitism. *Ann Bot* 20:38, 103, 190 Ja '56

- Texas. University. Medical branch, Galveston. Host-parasite relationships in living cells; a symposium, sponsored by the James W. McLaughlin fellowship program, Apr. 27, 1956; comp. and ed. by Harriet M. Felton. Thomas '57 incl bibliog

- Tiagi, B. Contribution to the embryology of striga orobanchoides Benth. and striga euphrasioides Benth. *Torrey Bot Club Bul* 83:169-70 Mr '56

See also

Antibiosis

Parasites

PARATHION

- Augustinsson, K. B. and Jonsson, G. Chemical determination of parathion and its application to biological material. *Acta Ag Scand* 7 no2:186-9 '57

PARATHYROID gland

Diseases

- Edvall, C. A. Renal function in hyperparathyroidism; a clinical study of 30 cases with special reference to sel. renal clearance and renal vein catheterization. (Sup229) *Acta chirurgica scandinavica* '58 p52-6

PARATUBERCULOSIS

See also

John's disease

PARENT and child

- Bell, R. Q. Retrospective attitude studies of parent-child relations. *Child Develop* 29: 336-8 S '58

- Brim, O. G. Parent-child relation as a social system. *Child Develop* 28:360-4 S '57

- Child study association of America. Books about parents and their children; a classified booklist comp. by Jean G. Rex with the Book review com. of the Association. The association '58 86p annot

- Ellenwood, James Lee. Questions parents ask. *Dutton* '55 p 148-55

- Frankiel, Rita V. Review of research on parent influences on child personality. *Family service assn. of Am.* '59 p27-32

- Gray, Susan Walton, and Klaus. Rupert. Assessment of parental identification. (Genetic psychology monographs, v54, 1st half) *Journal press* '56 p 113-14

- Gray, S. W. Perceived similarity to parents and adjustment. *Child Develop* 30:105-7 Mr '59

- Hill, G. E. and Hole R. M. Comparison of the vocational interests of tenth grade students with their parents' judgments of these interests. *Educ & Psychol Meas* 18: 185-7 Spring '58

- Lane, Bess D. Enriching family life through home, school and community; introd. by Lyman Bryson. *Public affairs press* '57 p 116-17

- Schaefer, E. S. and Bell, R. Q. Development of a parental attitude research instrument. *Child Develop* 29:359-61 S '58

- Stolz, Lois Hayden (Meek) and others. Father relations of war-born children; the effect of postwar adjustment of fathers on the behavior and personality of first children born while the fathers were at war. *Stanford univ. press* '54 p361-5

See also

Adolescence

Adoption

Children—Management

Fathers

PARENT education

- Selected references on preschool, parental, and kindergarten-primary education. *El Sch J* 56:272-6; 57:335-41; 58:347-56; 59:349-55 F '56, Mr '57, Mr '58, Mr '59 annot

PARENTS

- Lys, Claudia de. Treasury of parenthood and its folklore. *Speller & sons* '58 p383-7

PARENT-teacher cooperation. See School and the home

PARETO, Vilfredo, 1848-1923

- Bousquet, G. H. *Bibliografia rettificatrice e complementare degli scritti di V. Pareto, 1924-1957. Giorn Econ* 16:411-21 Ji '57

PARIS

- Paris et sa proche banlieue, 5^e éd. refondue par Georges Monmarché. (Les Guides bleus) Hachette '55 p lix-lxvii
 Villefosse, R. H. de. *Ecrits sur Paris. Biblio* 25:12-13 My '57

Churches

See also

Paris—Notre Dame (cathedral)

History

- Chapman, Joan Margaret, and Chapman, Brian. Life and times of Baron Haussmann; Paris in the second empire. *Weidenfeld* '57 p252-6

Commune, 1871

- Lissagaray, Prosper Olivier. *Geschichte der Kommune von 1871. 3d ed Rütten & Loening* '53 p535-9

Notre Dame (cathedral)

- Temko, Allan. *Notre-Dame of Paris. Viking* '55 p316-19

PARKER, Arthur Caswell, 1881-1955

- Ritchie, W. A. *Arthur Caswell Parker—1881-1955. Am Antiq* 21:294-5 Ja '56

PARKER, William Belmont, 1871-1934

- Parker, Barrett. *William Belmont Parker; a memoir. The author* '55 p27

PARKING. See Automobile parking

PARKINSON'S disease. See Paralysis agitans

PARKMAN, Francis, 1823-1893

- Parkman, Francis. *Parkman reader; sel. and ed. with an introd. and notes by Samuel Eliot Morison. Little* '55 p519-24 annot
 Sonderegger, Richard. *Francis Parkman. (Pub. no 114; Comisión de historia. Pub. 27. Historiadores de América, 8) Pan Am. inst. of geography & history* '51 p40-1

PARKS

- Dissertations: their authors and titles [theses of contemporary research completed in American and Canadian universities related to parks and recreation interests] *Parks & Recreation* 42:228-9 My '59

See also

National parks and reserves

- PARODI, Ernesto Giacomo, 1862-1923**
Parodi, Ernesto Giacomo. *Lingua e letteratura, studi di teoria linguistica e di storia dell'italiano antico*; a cura di Gianfranco Folena con un saggio introduttivo di Alfredo Schiaffini. (His Opere, v 1) Pozza '57 2v v 1, p xlv-cxliii
- PARODIES, English**
Miller, H. K. Paradoxical encomium with special reference to its vogue in England, 1600-1800. *Mod Philol* 53:173-8 F '56
- PAROLE**
Bibliography [on probation and parole] NPPA J 2:38 Ja '56
Newman, Charles L. ed. Sourcebook on probation, parole, and pardons. Thomas '58 p321-8
- PARROT fever. See Psittacosis**
- PARRY, John Jay, 1889-1954**
Illinois. University. English department. Studies by members of the Department in memory of John Jay Parry. The department '55 p3-9
Landis, P. In memoriam—John Jay Parry. J Engl & Germ Philol 54:463-9 O '55
- PARSONS, Arthur Leonard, 1873-1957**
Langford, G. B. Memorial to Arthur Leonard Parsons. *Geol Soc Am Proc* 1957:145-8 '58
Meen, V. B. Memorial of Arthur Leonard Parsons. *Am Min* 43:304-6 Mr '58
- PARSONS, Sir John Herbert, 1868-1957**
Duke-Elder, S. John Herbert Parsons. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1958. The society '58 p213-14)
- PARTHENOGENESIS**
Beatty, Richard Alan. Parthenogenesis and polyploidy in mammalian development. (Cambridge monographs in experimental biology, no7) Cambridge '57 p 114-27
Landauer, W. Phenocopies and genotype, with special reference to sporadically-occurring developmental variants. *Am Natur* 91:88-90 Mr '57
Roth, L. M. and Willis, E. R. Parthenogenesis in cockroaches. *Entom Soc Am Ann* 49:203-4 My '56
Tucker, K. W. Autometric parthenogenesis in the honey bee. *Genetics* 43:315-16 My '58
- PARTHENOGENESIS (botany)**
See also
Apogamy
- PARTIAL differential equations. See Differential equations, Partial**
- PARTICIPATION, Social. See Social participation**
- PARTICLE accelerators. See Accelerators (particles)**
- PARTICLES**
McIntosh, A. H. Particle size of insecticidal suspensions and their contact toxicity. *Ann Ap Biol* 45:204-5 Mr '57
Orr, Clyde, and Dallavalle, Joseph Marius. Fine particle measurement: size, surface, and pore volume. Macmillan '59 p307-49
Stepanov, N. A. Selective annotated bibliography on nuclei in the atmosphere, section A <1841-1959> Meteorol Abstr & Bibliog 6: 1163-97 Ag '55
Svensson, Jonas. New formula for particle size distribution of products produced by comminution. (Stockholm. K. Tekniska högskolan. Handlingar, no88) Elanders boktr. '55 p52-3
Work, L. T. and Lincoln, T. W. Size reduction. *Ind & Eng Chem* 47:588-9; 48:559; 49: 536-7; 50:484; 51:396-7 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- PARTIES, Political. See Political parties**
- PARTNERSHIP**
See also
Stock companies
- PASCAL, Blaise, 1623-1662**
Demorest, Jean Jacques. Pascal écrivain: étude sur les variantes de ses écrits. Editions de minuit '57 p 149-50
Dufner, Max. Early German Pascal editions. *R Litt Comp* 29:223-40 Ap '55 annot
Kruse, Margot. Das Pascal-bild in der französischen literatur. (Hamburger romanistische studien. A: Allgemeine romanistische reihe, v41) De Gruyter '55 p 113-18
Mortimer, Ernest. Blaise Pascal: the life and work of a realist. Harper '59 p231-5 annot
Perdomo García, José. La teoría del conocimiento en Pascal: filosofía crítica pascaliana. (Pubs) Inst. Luis Vives de filosofía, Consejo superior de investigaciones científicas '56 p595-653
- PASCOLI, Giovanni, 1855-1912**
Falcini, Furio. Bibliografia della critica pascoliana, 1887-1954. (Saggi di letteratura italiana, 8) Le Monnier '57 197p
- PASQUALI, Giorgio, 1885-1952**
Grassi, E. Bibliografia di Giorgio Pasquali. *Stud Ital Filol Class* ns 27/28:vii-xxxi '56
- PASQUIER, Etienne, 1529-1615**
Thickett, D. Bibliographie des œuvres d'Etienne Pasquier. (Travaux d'humanisme et renaissance, 21) Droz '56 184p
- PASSION plays**
Kretzenbacher, Leopold. Passionsbrauch und Christi-leiden-spiel in den Südost-Alpen-ländern. Müller '52 p 137-45
- PASSPORTS**
Association of the bar of the city of New York. Freedom to travel; rep. of the Special com. to study passport procedures: Fifield Workum, chairman. Dodd '58 p 115-36
- PASTEBOARD. See Paper board**
- PASTEURELLOSIS. See Hemorrhagic septicemia**
- PASTEURIZATION of milk. See Milk—Pasteurization**
- PASTORAL medicine. See Medicine, Pastoral**
- PASTORAL psychology. See Psychology, Pastoral**
- PASTORAL theology. See Theology, Pastoral**
- PASTORAL work**
Wynn, John Charles. Pastoral ministry to families. Westminster '57 p203-8
- PASTURES and meadows**
Donahue, Roy Luther, and others. Range and pasture book. Prentice-Hall '56 p395-8
Food and agriculture organization of the United Nations. Agriculture division. L'amélioration des herbages dans le monde, étude préparée par A. T. Sempie. (Etudes agricoles de la FAO, no 16) The organization '56 incl bibliog
—Same; with title: Mejora de los pastos del mundo; un estudio de la FAO, preparado por A. T. Sempie. (FAO estudios agropecuarios, no 16) The organization '54 incl bibliog
Great Britain. Ministry of agriculture, fisheries and food. Grassland management. (Bul. no 154) H.M.S.O. '55 p67
Harlan, Jack Rodney. Theory and dynamics of grassland agriculture. (Grassland farm ser) Van Nostrand '56 incl bibliog
Hoglund, C. R. Economics of various methods of harvesting and utilizing forages. *J Dairy Sci* 42:1108 Je '59
Paltridge, Terence Brady. Studies on sown pastures for south-eastern Queensland. (Bul. no274) Commonwealth scientific & industrial organization, Australia '55 p 102-3
Prince, Ford S. Grassland farming in the humid Northeast. (Grassland farm ser) Van Nostrand '56 incl bibliog
Shepherd, Joseph Benjamin, and others. Permanent pasture compared with a 5-year crop-and-pasture rotation for dairy cattle feed. (U.S. Dept. of agriculture. Technical bul. no 1144) U.S. Gov. ptg. office '56 p32-4
Tennessee. University. Department of agricultural education. Pasture production. (Subject matter mimeo. no27) The department '57 p249-53
Voisin, André. Grass productivity; tr. from the French by Catherine T. M. Herriot. Philosophical lib. '59 p337-46
See also
Forage plants
Grasses
Grazing
- PATENT laws and legislation**
Buckles, Robert A. Ideas, inventions, and patents; how to develop and protect them. Wiley '57 incl bibliog
Kursh, Harry. Inside the U.S. patent office: the story of the men, the laws, and the procedures of the Am. patent system. Norton '59 p 152-63 annot
Vaughan, Floyd Lamar. United States patent system; legal and economic conflicts in Am. patent history. Univ. of Okla. press '56 p221-36
- PATENT medicines. See Medicines, Patent, proprietary, etc.**
- PATENTS**
Buckles, Robert A. Ideas, inventions, and patents; how to develop and protect them. Wiley '57 incl bibliog

PATENTS—*Continued*

- Patents, trademarks and copyrights. Bsns & Tech Sources 28:1-8 Ja '57
 Vaughan, Floyd Lamar. United States patent system; legal and economic conflicts in Am. patent history. Univ. of Okla. press '56 p321-36

See also

Trade marks

PATHOGENIC bacteria. See Bacteria, Pathogenic

PATHOLOGICAL histology. See Histology, Pathological

PATHOLOGICAL psychology. See Psychology, Pathological

PATHOLOGY

- Anderson, William Arnold Douglas, ed. Pathology. 3d ed Mosby '57 incl bibliog
 Anderson, William Arnold Douglas, ed. Synopsis of pathology. 4th ed Mosby '57 incl bibliog
 Büchner, Franz. Spezielle pathologie: pathologie, pathogenese, und ätiologie wichtiger krankheitsbilder; ein lehr- und lesebuch für studenten und ärzte; mit einem beitrage: Spezielle pathologie des nervensystems, von Hugo Noetzel. Urban & Schwarzenberg '55 p478-86
 Hoff, Ferdinand. Klinische physiologie und pathologie. 5th rev ed Thieme '57 p 1075-90
 Karsner, Howard Thomas. Human pathology. 8th ed Lippincott '55 incl bibliog
 Mellors, Robert C. ed. Analytical pathology; treatises in the perspective of biology, chemistry, and physics; foreword by Eugene L. Opie. McGraw '57 incl bibliog
 Ribbert, Hugo. Lehrbuch der allgemeinen pathologie und der pathologischen anatomie; auf grundlage des Ribbertschen lehrbuches. 22. und 23. berichtigte aufl. bearb. von H. Hamperl. Springer '57 p774-81

See also

Anatomy, Pathological
 Bacteriology
 Diagnosis
 Histology
 Immunity
 Physiology, Pathological
 Therapeutics

PATHOLOGY, Surgical

- Hardy, James D. Pathophysiology in surgery. Williams & Wilkins '58 incl bibliog

PATHOLOGY, Veterinary. See Veterinary pathology

PATIENT and physician. See Physician and patient

PATMORE, Coventry Kersey Dighton, 1823-1896
 Reid, J. C. Mind and art of Coventry Patmore. Macmillan '57 p330-46

PATRICK, Saint, ca 389-461

Gallico, Paul. Steadfast man; a biography of St Patrick. Doubleday '58 p227-9

PATRIOTISM

See also

Nationalism and nationality

PATTEE, Fred Lewis, 1863-1950

Werner, William L. Writing career of Fred Lewis Pattee. (Headlight on bks. at Penn state, new ser, no3) Pa. state univ. lib. '56 p 11-31

PATTERNS (psychology)

McQuitty, L. L. Isolating predictor pattern associated with major criterion patterns. Educ & Psychol Meas 17:40-2 Spring '57

PATTON, Leroy Thompson, 1880-1957

Clark, G. C. Leroy Thompson Patton, 1880-1957. Am Assn Pet Geol Bul 42:693-4 Mr '58

Trowbridge, A. C. Memorial to Leroy Thompson Patton. Geol Soc Am Proc 1957:151 '58

PAUL, Saint

Collins, Carl A. Paul as a leader; a study of the apostle's role and influence in the field of religious education; foreword by W. L. Howse. Exposition '55 p 141-4

Davies, Arthur Powell. First Christian: a study of St Paul and Christian origins. Farrar '58 p253-68 annot

Mathews, Horace Frederick. According to St Paul; a study-course on the New Testament letters. Macmillan '57 p 107-8

PAUMGARTNER, Bernhard, 1887-

Freussner, Eberhard, ed. Wissenschaft und praxis: eine festschrift zum 70. geburtstag von Bernhard Paumgartner. Atlantis verlag '58 p 151-5

PAVEMENTS

American society for testing materials. Road and paving materials [papers] presented at the 2d Pacific area national meeting of the Society, Los Angeles, Calif, Sept. 17, 1956. (Special technical pub. no212) The society '57 incl bibliog

Baker, Robert Fulton, and Karrer, Emmett Herman. Study of the relationship of pavement cost to vehicle weight. (Engineering experiment station. Bul. no 161; Engineering ser, v25, no3) Ohio state univ. '56 p76

Buchanan, Spencer J. and Khuri, Fuad I. Elastic and plastic properties of soils and their influence on the continuous support of rigid pavements. Ohio River div. laboratories '54 p 118-21

National research council. Highway research board. Flexible pavement design; research and development 1953 [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 210) The board '59 p8-9, 20-1, 60-1

National research council. Highway research board. Gamma ray measurement of pavement density and bridge research program (AASHTO road test) [papers] presented at the 37th annual meeting Jan. 6-10, 1958. (Special rep. 38) The board '58 p 12-15, 43

National research council. Highway research board. Pavement slipperiness factors and their measurement [papers] presented at the 37th annual meeting, Jan 6-10, 1958. (Bul. 186) The board '58 p80-1

National research council. Highway research board. Survey and treatment of marsh deposits; annot. by A. W. Johnson. (Bibliog. 15) The board '54 p9p

National research council. Highway research board. Committee on salvaging old pavements by resurfacing. Salvaging old pavements by resurfacing. (Bibliog. 21) The board '57 74p annot

PAVEMENTS, Bituminous

American society for testing materials. Symposium on effect of water on bituminous paving mixtures; presented at the 61st annual meeting, Boston, Mass, June 24, 1958. (Special technical pub. no240) The society '59 incl bibliog

National research council. Highway research board. Bituminous resurfacing [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 123) The board '56 p39

National research council. Highway research board. Committee on the deterioration of bituminous pavements by the effect of water. Effect of water on bitumen-aggregate mixtures. (Bibliog. 17) The board '54 45p

PAVEMENTS, Concrete

National research council. Highway research board. Performance of granular subbases under concrete [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 202) The board '58 p25, 58, 78

National research council. Highway research board. Salvaging old pavements by resurfacing. (Bibliog. 21) The board '57 47p annot

Nerenst, Poul. Bibliography on winter concreting. (Statens byggeforskningsinstitut. Studie no 17) Teknisk forlag '55 16p

PAVLOV, Ivan Petrovich, 1849-1936

Krause, Gerhard, and Dube, Werner. Die lehre I. P. Pawlows; bibliog. deutschsprachiger veröffentlichungen. Verlag volk und gesundheit '55 132p

PAYELLE, Raymond (Philippe Hériat, pseud) 1893-

Oeuvres de Philippe Hériat. Biblio 23:6 D '55

PAYNE, John Howard, 1791-1852

Overmyer, Grace. America's first Hamlet. N.Y. univ. press '57 p423-31

PEACE

Budapest. Fővárosi Szabó Ervin könyvtár. A Népek Bécsi Békekongresszusától a Békevilágtagadás Budapesti Üléséig; válogatott folyóiratcikk bibliográfia a békeharcról, 1952 december 12-1953, június 1. From the Vienna Congress of the peoples for peace to the session of the World peace council in Budapest; bibliog. of sel. articles on the fight for peace. The library '53 29p

Garber, Joseph H. Our educational dilemma; peace education and teacher salaries; research papers on educational problems facing Am. and the world; forewords by Bishop Roy S. Koch and Dr. F. James Schrag; introd. by Dr. Albertina A. Weinlander. Exposition '59 p83-6

PEACE—Continued

Raumer, Kurt von. Ewiger friede; friedensraume und friedenspläne seit der renaissance. (Orbis academicus; geschichte der politischen ideen in dokumenten und darstellungen) Albert '53 p493-505

See also

League of nations
United nations
War

PEACHES**Diseases and pests**

Rings, Roy Wilson. Insect and mite pests of peaches in Ohio. (Research bul. 768) Ohio agricultural experiment station '56 p47-8

PEALE, Titian Ramsay, 1799-1885

Peale, Titian Ramsay. Diary: Oregon to California; overland journey Sept. and Oct. 1841; by Clifford Merrill Drury. (Early Calif. travel ser. 36) Dawson '57 p83-5

PEANUTS

Yarbrough, J. A. Arachis hypogaea; the seedling, its epicotyl and foliar organs. Am J Bot 44:30 Ja '57

PEARL (Middle English poem)

Pearl; ed. by E. V. Gordon. Oxford '53 p liii-lviii

PEARL essence

London. Science museum. Science library. Pearl essence, 1939-1954. (Bibliog. ser. no735) The library '55 2p

PEARS**Diseases and pests**

Ackley, William Benton. Hard-end of the Bartlett pear and its possible association with various water relationships of the fruit and leaves. (Technical bul. 15) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p30-5

PEARSON, Gustaf Adolph, 1880-1949

Gustaf Adolph Pearson. Plateau 28:88-90 Ap '56

PEARY, Robert Edwin, 1856-1920

Gibbons, Russell W. Historical evaluation of the Cook-Pearry controversy; a critique of the acceptance by history and reference works of the claims of Robert Edwin Peary against those of Frederick Albert Cook as to the discovery of the North pole, 1908-09. rev ed Dept. of history, Ohio northern univ. '54 15p at end

PEAS

McKee, H. S. and others. Physiology of pea fruits. Australian J Biol Sci 8:162-3, 475; 10:309, 412-13, 424-5 My, N '55, Ag-N '57

Ottosson, Lennart. Growth and maturity of peas for canning and freezing. (Uppsala. Lantbrukshögskolan och statens lantbruksförsök. Inst. för växtodlingslära. Växtodling, 9) Almqvist '53 p 107-12

Diseases and pests

Skolko, A. J. and others. Ascochyta diseases of peas in Canada, with special reference to seed transmission. Can J Ag Sci 34: 427-8 Jl '54

PEAS, Frozen

Wagenknecht, A. C. and Lee, F. A. Enzyme action and off-flavor in frozen peas. Food Res 23:30-1, 589-90 Ja, N '58

PEASANTRY**Bohemia**

Graus, František. Dějiny venkovského lidu v Čechách v době předhusitské. Státní nakl. politické literatury '53-'57 2v v 1, p334-43; v2, p568-79

Colombia

Fals-Borda, Orlando. Peasant society in the Colombian Andes: a sociological study of Saucio. Univ. of Fla. press '55 p263-72

Czechoslovakia

Československé akademie věd. Historický ústav. Soupis pramenů k dějinám feudálního útlaku; v 1. Finanční prokuratura. Nakl. Československé akad. '54 1v

Egypt

Coult, Lyman H. Annotated research bibliography of studies in Arabic, English, and French of the fellah of the Egyptian Nile, 1798-1955; with the assistance of Karim Durzi. Univ. of Miami press '58 144p

Germany

Lütge, Friedrich Karl. Die mitteldeutsche Grundherrschaft und ihre auflösung. 2d enl ed. (Quellen und forschungen zur agrargeschichte, v4) Fischer '57 p305-11

See also

Peasants' war. 1524-1525

Hungary

Hanzeli, Victor E. and others. Hungarians. (Subcontractor's monograph. HRAF-5) Human relations area files '55 p228-67

India

Lewis, Oscar, and Barnouw, Victor. Village life in northern India; studies in a Delhi village. Univ. of Ill. press '58 p357-64

Mecklenburg

Mager, Friedrich. Geschichte des bauerntums und der bodenkultur im lande Mecklenburg. (Akad. der wissenschaften, Berlin. Komm. für geschichte. Veröffentlichungen, v 1) Akademie-verlag '55 p567-81

Russia

Krader, L. Recent studies of the Russian peasant. Am Anthropol 58:719-29 Ag '56

PEASANTS in literature

Tolsada Picazo, Francisco. Bibliografía española de agricultura, 1495-1900; prólogo de Miguel Herrero García. Inst. nacional del libro español '53 122p

PEASANTS' war, 1524-1525

Smirin, M. M. Die volksreformation des Thomas Münzer und der grosse Bauernkrieg (übers. von Hans Nichtweiss) Dietz '52 p663-9
—Same; 2d rev & enl ed Dietz '56 p649-58

PEAT

MacFarlane, I. C. Review of the engineering characteristics of peat. Am Soc Civil Eng Proc 85 [SM 1 no 1937]:33-5 F '59

PEAT bogs

Segadas-Vianna, F. Ecological study of the peat bogs of eastern North America. Can J Bot 33:683-4 N '55

PEAT soils. See Soils, Peat**PEATIE, Roderick, 1891-1955**

Smith, G. H. Roderick Peattie, geographer and romanticist, 1891-1955. Assn Am Geog Ann 47:97-9 Mr '57

PECCARIES

Neal, B. J. Contribution on the life history of the collared peccary in Arizona. Am Midl Natur 61:189-90 Ja '59

PEDESTRIANS

AAA Foundation for traffic safety. Planned pedestrian program. The foundation '53 p 146-9

PEDIATRIC dentistry. See Pedodontia**PEDIATRICS. See Children—Diseases****PEDIMENTS (geology)**

Baulig, H. Pereplains and pedeplains. Geol Soc Am Bul 68:928-9 Jl '57

PEDODONTIA

Cohen, Meyer Michael. Pediatric dentistry. Mosby '57 incl bibliog

PEDRO I, emperor of Brazil, 1798-1834

Sousa, Octavio Tarquinio de. A vida de D. Pedro I. (Coleção Documentos brasileiros, 71) Olympio '52 3v v3, p 1155-71

—Same. 2d rev ed (Coleção Documentos brasileiros, 71) Olympio '54 3v v3, p 1165-79

PEENING. See Shot peening**PEGMATITES**

Cameron, Eugene Nathan, and others. Pegmatite investigations, 1942-45, New England. (U.S. Geological survey. Professional paper 255) U.S. Gov. pting. office '54 p341-7
Cameron, E. N. Concepts of the internal structure of granitic pegmatites and their applications to certain pegmatites of South West Africa. Geol Soc S Africa Trans 58: 69-70 '55

Heinrich, E. W. Pegmatite provinces of Colorado. Colo Sch Mines Q 52:21-2 O '57

PEGO, Spain

Más Gil, Luis. Bibliografía de Pego. Comisión provincial de monumentos históricos y artísticos '58 40p

PEGUY, Charles Pierre, 1873-1914

Barbier, Joseph. Le vocabulaire, la syntaxe et le style des poèmes réguliers de Charles Péguy. Berger-Levrault '57 p555-62

Charles Péguy; essai de bibliographie. Biblio 26:12-14 My '58

PEGUY, Charles Pierre—*Continued*

Comiti, Paulette. Le Dieu de Péguy. (Aix-Marseille. Univ. d. Faculté des lettres, Aix. Travaux et mémoires, 1) La Pensée univ. '55 p 115-16

Péguy, Charles Pierre. Œuvres en prose, 1909-1914; avant-propos et notes par Marcel Péguy. (Bibliothèque de la Pléiade, 122) Gallimard '57 p 1583-5

Suire, Pierre. Le tourment de Péguy. Lafont '56 p301-3

PEHRSON, Robert Niel, 1926-1955

Redfield, R. Robert Niel Pehrson, 1926-1955. Am Anthropol 58:358-9 Ap '56

PEIRCE, Charles Santiago Sanders, 1839-1914
Peirce, Charles Santiago Sanders. Chance, love, and logic; philosophical essays; ed. with an introd. by Morris R. Cohen; with a sup. essay on the pragmatism of Peirce by John Dewey. Braziller '56 p309-18 annot

PELAGIUS, ca 360-420

Ferguson, John. Pelagius; a historical and theological study. Heffer '56 p 188-92

PELAYO, Marcelino Menéndez y. See Menéndez y Pelayo, M.

PELECPODA. See Lamellibranchiata

PELSTER, Franz, 1880-1956

Schönmetzer, A. Verzeichnis der von Franz Pelster S.J. verfassten Aufsätze und bücher. Scholastik 31 no4:487-95 '56

PELVIS

Berman, Robert. Obstetrical roentgenology. (Obstetrics & gynecology, a ser. of monographs) Davis '55 p45-66

Diseases

Schrader, Ernst August. Die klinik der arteriellen thrombosen im beckenbereich: pathogenese, untersuchungsmethoden, diagnostik und therapie. Springer '55 p 152-63

PEN drawing

Pitz, Henry Clarence. Ink drawing techniques. Watson-Guipill '57 p 142-4 annot

PENAEIDAE

Dall, W. Revision of the Australian species of penaeinae (crustacea decapoda: penaeidae) Australian J Marine & Freshwater Res 8:227-30 My '57

PENAL institutions. See Prisons

PENANCE

See also

Pilgrims and pilgrimages

Repentance

PENDULUM

See also

Gravity

PENICILLIN

Cooper, P. D. Site of action of radiopenicillin. Bact R 20:45-8 Mr '56

Hirsh, Harold L. and Putnam, Lawrence E. Penicillin; foreword by Harry F. Dowling. (Antibiotics monographs, no9) Medical encyclopedia '58 p 138-44

Merck and company, Incorporated. Procaine penicillin in animal nutrition. (Merck service bul) The company '56 p41-9

Poskanzer, D. and others. Epidemiology of civilian streptococcal outbreaks before and after penicillin prophylaxis. Am J Pub Health 46:1524 D '56

Prestidge, L. S. and Pardee, A. B. Induction of bacterial lysis by penicillin. J Bact 74: 58-9 Ji '57

PENICILLIUM

Arnstein, H. R. V. and Grant, P. T. Metabolism of the penicillia in relation to penicillin biosynthesis. Bact R 20:144-7 S '56

Backus, M. P. and Stauffer, J. F. Production and selection of a family of strains in penicillium chrysogenum. Mycologia 47:460-3 Ji '55

Campbell, T. H. and others. Cytological studies on penicillium chrysogenum Thom. Torrey Bot Club Bul 83:105-6 Mr '56

Haas, F. L. and others. Heterokaryosis as a cause of culture rundown in penicillium. Ap Microbiol 4:195 Ji '56

Raper, K. B. Nomenclature in aspergillus and penicillium. Mycologia 49:660-2 S '57

Riedhart, J. M. and Porter, C. L. Studies of a unique pigment complex and a photobiological reaction in penicillium herquel. Mycologia 50:400-2 My '58

PENMANSHIP

Ahmad ibn Mir Munshi, al-Husaini. Calligraphers and painters; a treatise tr. from the Persian by V. Minorsky; with an introd. by B. N. Zakholder; tr. from the Russian by T. Minorsky. (Freer gallery of art. Occasional papers, v3, no2) Smithsonian inst. '59 p202-8 annot

Leavitt, Jerome, and Johnson, Hazel S. Handwriting; a summary of studies concerned with the merits and disadvantages of both ms. and cursive writing. rev ed (Curriculum bul. no 121) School of education, Univ. of Ore. '56 p 10-12

Slote, Claire Trieb. Improve your handwriting. McGraw '58 p 145-7

See also

Graphology

Copy books

Doede, Werner: Bibliographie deutscher schreibmeisterbücher von Neudörffer bis 1800. Hauswedell '58 123p

Nash, Ray. American writing masters and copybooks; history and bibliog. through colonial times. (Studies in the history of calligraphy, 3) Colonial soc. of Mass. '59 77p

Study and teaching

Simon, J. French research in the teaching of reading and writing. J Educ Res 50:457-9 F '57

PENN, Hannah (Callowhill) 1671-1726

Drinker, Sophie Lewis (Hutchinson). Hannah Penn and the proprietorship of Pennsylvania. Nat. soc. of the Colonial dames of Am. in the commonwealth of Pa. '58 p 192-9

PENN, William, 1644-1718

Peare, Catherine Owens. William Penn; a biography. Lippincott '57 p427-44

PENNSYLVANIA

Demorest, R. Pennsylvania; a suggested list of bks. of 1955. Pa Lib Assn Bul 11:5-6 Spring '56 annot

Church history

See also

Moravian church in Pennsylvania

History

Coleman, Helen Turnbull Waite. Banners in the wilderness; early years of Washington and Jefferson college. Univ. of Pittsburgh press '56 p267-73

Davidson, Robert Laurenson Dashiell. War comes to Quaker Pennsylvania, 1682-1756. Temple univ. pubs. '57 p233-40

Drinker, Sophie Lewis (Hutchinson). Hannah Penn and the proprietorship of Pennsylvania. Nat. soc. of the Colonial dames of Am. in the commonwealth of Pa. '58 p 192-9

Kent, Donald Harris. French invasion of western Pennsylvania, 1753. Pa. historical & museum comm. Commonwealth of Pa. '54 p89-91 annot

Pennsylvania. Historical and museum commission. Preliminary guide to the research materials of the Commission. The commission '59 58p annot

Pennsylvania historical association. Bibliography of Pennsylvania history; 2d ed. of Writings on Pennsylvania history; a bibliog. comp. by Norman B. Wilkinson; ed. by S. K. Stevens [and] Donald H. Kent. The association '57 826p annot

Sources

Hoenstine, Floyd G. Guide to genealogical and historical research in Pennsylvania. The author '58 211p

Politics and government

Kehl, James A. Ill feeling in the era of good feeling; western Pennsylvania political battles, 1815-1825. Univ. of Pittsburgh press '56 p248-55

PENNSYLVANIA Germans

Martin memorial library, York, Pennsylvania. Pennsylvania Dutch; bibliography. rev ed The library '56 11p

PENNOLOGY. See Prisons

PENSIONS

See also

Annuities

Old age pensions

PENSIONS. Industrial

Rutgers university. Institute of management and labor relations. Pension and welfare fund management; a fact book. The institute '58 p34-9 annot

PENTAERYTHRITOL

Barlow, Evelyn, and others. Pentaerythritols. (Am. chemical soc. Monograph ser, no 136) Reinhold '58 incl bibliog

PENTOSSES

Cynkin, M. A. and Delwiche, E. A. Metabolism of pentoses by clostridia. *J Bact* 75: 334 Mr '58

PEPPER (spice)

Barat, Hubert. Etude sur le dépérissement des poivrières en Indochine. (Archives des recherches agronomiques au Cambodge, au Laos et au Vietnam, no 13) Centre de recherches scientifiques & techniques '52 p85-92

PEPPERMINT

Hocking, G. M. and Edwards, L. D. Cultivation of peppermint in Florida. *Econ Bot* 9:92-3 Ja '55

PEPTIC ulcers

Garma, Angel. Peptic ulcer and psychoanalysis. (Nervous and mental disease monographs, no85) Williams & Wilkins '58 p 138-43

Korttilä, Kaleva. Bacteriological studies in cases of perforated gastroduodenal ulcer with reference to clinical and pathological aspects. (Sup 123) *Acta chirurgica Scandinavica* '51 p 128-39

Wallensten, Sten. Results of the surgical treatment of peptic ulcer by partial gastrectomy according to Billroth I and II methods; a clinical study based on 1256 operated cases; tr. by Virginia Uhlemann. (Sup 191) *Acta chirurgica Scandinavica* '54 p 153-61

Wretmark, Gerd. Peptic ulcer individual; a study in heredity, physique, and personality; tr. by L. James Brown. (Acta psychiatrica et neurologica Scandinavica, sup84) Munksgaard '53 p 174-83

PEPTIDES

Burchfield, H. P. and Storrs, E. E. Chemical structures and dissociation constants of amino acids, peptides, and proteins in relation to their reaction rates with 2,4-dichloro-6-o-chloroanilino-8-triazine. *Boyce Thompson Inst Contrib* 13:417-18 O '56

Connell, G. E. and Watson, R. W. Incorporation of C¹⁴ into bacterial peptides. *Can J Microbiol* 4:647-8 D '58

Strange, R. E. Cell wall lysis and the release of peptides in bacillus species. *Bact R* 23: 6-7 Mr '59

PEPYS, Samuel, 1633-1703

Weiss, David G. Samuel Pepys, curioso. Univ. of Pittsburgh press '57 p 119-22

PERCEPTION

Allport, Floyd Henry. Theories of perception and the concept of structure; a review and critical analysis with an introd. to a dynamic-structural theory of behavior. Wiley '55 p669-80

American Catholic psychological association. Perception in present-day psychology; a symposium; 10th annual meeting, Chicago, Sept. 1, 1956; ed. by William C. Bier and others. The association '57 incl bibliog

Bartley, Samuel Howard. Principles of perception. Harper '53 p461-73

Battersby, W. S. and others. Effects of visual, vestibular, and somatosensory-motor deficit on autokinetic perception. *J Exp Psychol* 52:409-10 D '56

Beardslee, David C. and Wertheimer, Michael eds. Readings in perception. (Univ. ser. in psychology) Van Nostrand '58 incl bibliog

Bevan, W. Perception: evolution of a concept. *Psychol R* 65:53-5 Ja '58

Brooks, M. O. Cognitive significance of Rorschach development scores. *J Personality* 26:289-90 Je '58

Bruner, J. S. On perceptual readiness. *Psychol R* 64:149-52 Mr '57

Campbell, D. T. Perception as substitute trial and error. *Psychol R* 63:341-2 S '56

Cowen, E. L. and others. Correlates of manifest anxiety in perceptual reactivity, rigidity, and self concept. *J Consult Psychol* 21: 411 O '57

Cruikshank, William M. and others. Perception and cerebral palsy; a study in figure background relationship. (Syracuse. Univ. Special education and rehabilitation monograph ser, 2) Syracuse univ. press '57 p 118-23

Daids, A. Generality and consistency of relations between the alienation syndrome and cognitive processes. *J Abnorm & Social Psychol* 51:66-7 Jl '55

Day, R. H. Physiological basis of form perception in peripheral retina. *Psychol R* 64:47-8 Ja '57

Eysenck, Hans Jurgen, and others. Perceptual process and mental illness. (Maudsley monographs, no2) Basic bks. '57 p 129-35

Eysenck, H. J. Cortical inhibition, figural aftereffect, and theory of personality. *J Abnorm & Social Psychol* 51:105-6 Jl '55

Flavell, J. H. and Draguns, J. Microgenetic approach to perception and thought. *Psychol Bul* 54:213-17 My '57

Granit, Ragnar. Receptors and sensory reception; a discussion of aims, means, and results of electro-physiological research into the process of reception. (Yale univ. Mrs. Hepsa Ely Silliman memorial lectures, v34, 1953) Yale univ. press '55 p303-48

Gruen, A. Critique and re-evaluation of Witkin's perception and perception-personality work. *J Gen Psychol* 56:92-3 Ja '57

Henle, M. Some effects of motivational processes on cognition. *Psychol R* 62:431-2 N '55

Hochberg, J. Perception: toward the recovery of a definition. *Psychol R* 63:404-5 N '56

Jenkin, N. Affective processes in perception. *Psychol Bul* 54:123-7 Mr '57

Johnson, L. C. and Stern, J. A. Rigidity on the Rorschach and response to intermittent photic stimulation. *J Consult Psychol* 19:317 Ag '55

Motor skills bibliography. See numbers of Perceptual and motor skills

Olsen, E. A. Relationship between psychological capacities and success in college athletics. *Res Q* 27:89 Mr '56

Prentice, W. C. H. Functionalism in perception. *Psychol R* 63:37-8 Ja '56

Robinson, Marian Dolores. Perceptual research: a whole with many parts; a brief comparative review of perceptual psychology. Dept. of psychology, Marylhurst college '56 p28-31

Tagiuri, Renato, and Petrullo, Luigi, eds. Person perception and interpersonal behavior. Stanford univ. press '58 incl bibliog

Tajfel, H. Value and the perceptual judgment of magnitude. *Psychol R* 64:203-4 My '57

Vernon, M. D. Functions of schemata in perceiving. *Psychol R* 62:191-2 My '55

Wapner, Seymour, and Werner, Heinz. Perceptual development; an investigation within the framework of sensory-tonic field theory. (Clark univ. Monographs in psychology and related disciplines, no2) Clark univ. press '57 p91-5

Zuckerman, C. B. and Rock, I. Reappraisal of the roles of past experience and innate organizing processes in visual perception. *Psychol Bul* 54:294-6 Jl '57

See also

Consciousness

Extrasensory perception

Form perception

Space perception

Time perception

PERCEPTION, Extra-sensory

Heinlein, J. H. and Heinlein, C. P. What is the role of ESP in objective testing at the college level? *J Psychol* 46:326-8 O '58

PERCEPTUAL defense

Eriksen, C. W. Case for perceptual defense. *Psychol R* 61:181-2 My '54

Eriksen, C. W. and Browne, C. T. Experimental and theoretical analysis of perceptual defense. *J Abnorm & Social Psychol* 52: 229-30 Mr '56

Naylor, J. C. and Lawshe, C. H. Analytical review of the experimental basis of subception. *J Psychol* 46:93-6 Jl '58

Voor, J. H. Subliminal perception and subception. *J Psychol* 41:457-8 Ap '56

PERDIGUIER, Agricol, 1805-1875

Briquet, Jean. Agricol Perdiguer, compagnon du tour de France et représentant du peuple, 1805-1875; avant-propos de Gaston Tessier; préf. de Georges Bourgin. (Bibliothèque d'histoire économique et sociale) Rivière '55 p429-57

PEREIRA DA COSTA, Francisco Augusto, 1851-1923

Abrantes, Jorge, and Caeté, Francisco Barreto. Bibliografia de Pereira da Costa. The authors '51 135p

- PÉREZ, Antonio, 1530-1611**
Marañón, Gregorio. Antonio Pérez, Spanish traitor; tr. from the Spanish by Charles David Ley. Roy pubs. '55 p355-72
- PERFECTION (theology)**
Peters, John Leland. Christian perfection and American Methodism. Abingdon '56 p221-36
- PERFORMANCE tests.** See Ability—Testing
- PERIER, Odilon Jean, 1901-1928**
Defrenne, Madeleine. Odilon-Jean Périer. Acad. royale de langue & de littérature françaises de Belgique '57 p449-67
- PERIMETRY**
Zuckerman, Joshua. Perimetry. Lippincott '54 p367-70
- PERIODIC disease**
Mamou, Henry. La maladie périodique. Expansion scientifique française '56 p 165-9
- PERIODICALS**
American correctional association. Committee on institution libraries. Approved magazine list, 1957. The association '57 59p
- Angers, France.** Bibliothèque municipale. Liste des périodiques français et étrangers en cours concernant les bibliothèques et centres de documentation des départements: Maine-et-Loire; à jour au 1^{er} janvier 1953. The library '53 51p
- Asociación costarricense de bibliotecarios.** Catálogo colectivo de publicaciones periódicas extranjeras de ciencias sociales, ciencias puras y ciencias aplicadas existentes en las principales bibliotecas de Costa Rica. Dept. de publicaciones, Univ. de Costa Rica '57 469p
- Ayer, N. W. & son.** Directory; newspapers and periodicals, 1956[-1959] a guide to pubs. ptd. in the U.S. and its possessions, the Dominion of Canada, Bermuda, Cuba, and the Republics of Panama and the Philippines; descriptions of the states, provinces, cities and towns in which they are pub; classified lists. (V88-91) The firm '56-'59 4v
- Baden-Württemberg.** Landesgewerbeamt. Bibliothek, Stuttgart. Zeitschriften-katalog der bibliotheken des Landesgewerbeamtes und seiner aussenstelle Karlsruhe. The library '55 39p
- Basic list of periodicals for a high school library.** Cath Lib World 28:118-20+ D '56 annot
- Belgrad.** Univerzitet. Biblioteka. Popis tecučin stranih časopisa koje primaju biblioteke naučnih ustanova i stručnih društava u Beogradu; ed: Stanica Kostić. The library '58 216p
- Bourges.** Bibliothèque municipale. Liste des périodiques français et étrangers en cours conservés dans les bibliothèques et centres de documentation des départements, à jour au 1^{er} janvier 1953; département du Cher. The library '53 18p
- British union-catalogue of periodicals; a record of the periodicals of the world, from the seventeenth cent. to the present day, in British libs; ed. for the Council of the British union-catalogue of periodicals by James D. Stewart [and others] Academic press '55-'58 4v**
- Brussels.** Université libre. Bibliothèque. Liste des périodiques en cours de publication qui y sont reçus régulièrement. The library '57 191p
- Calcutta.** National library. Catalogue of periodicals, newspapers & gazettes. Gov. of India press '56 285p
- Cambridge.** University. Library. Current periodicals available in the University library and in other libraries connected with the University, 1955. Cambridge '56 414p
- Campbell, A. Diarmaid.** Periodicals; an annot. list for school libraries. School lib. assn. '56 18p
- Catholic library association.** San Antonio unit. Union list of periodicals in the larger libraries of San Antonio. 2d ed rev & enl The association '58 226p
- Colmar.** Bibliothèque municipale. Liste des périodiques français et étrangers en cours conservés dans les bibliothèques et centres de documentation des départements (à jour le 1^{er} janvier 1958); Haut-Rhin. new ed rev & enl The library '58 82p
- Copenhagen.** Kongelige bibliotek. Tilvækst af periodica, 1. januar 1953-31. august 1956. The library '56 20p
- Côtes-du-Nord, France (département).** Archives. Liste des périodiques français et étrangers en cours conservés dans les bibliothèques et centres de documentation des départements (mise à jour au 1^{er} janvier 1955 de la liste publiée en 1953) The archives '56 18p
- Current periodicals; a list of newspapers, periodicals, annual and serial pubs. currently received in Northern Ireland libraries.** Northern Ireland lib. advisory council '57 140p
- Danmarks blad- og bogverden.** The world of papers and books in Denmark. 4th ed Politikens forlag '55 198p
- Darmstadt.** Hessische landes- und hochschulbibliothek. Darmstädter zeitschriftenverzeichnis für die gebiete der naturwissenschaften, technik und volkswirtschaft. The library '55 163p
- Deutsche forschungsgemeinschaft.** Verzeichnis ausgewählter wissenschaftlicher zeitschriften des auslandes, VAZ. (Veröffentlichungen) Steiner '57 2v
- Directory of business, vocational, and diversion magazines.** United States. 5th ed Commercial engraving pub. co. '55 88p
- Dresden.** Sächsische landesbibliothek. Verzeichnis der laufend gehaltenen zeitschriften; stand 1. juli 1956. The library '56 53p
- Edinburgh committee for library co-operation.** Union list of current periodicals in Edinburgh libraries; 2d ed. compiled by H. Phillips. The committee '55 112p
- Farbenfabriken Bayer aktiengesellschaft.** Kekulé-bibliothek. Auslands-zeitschriften, 1940-1955. 4th enl ed The firm '55 101p
- Farber, Evan Ira.** Classified list of periodicals for the college library. 4th ed. rev. and enl. to July, 1957. (Useful reference ser, no86) Faxon '57 146p annot
- Faxon, F. W. company.** Indexed periodicals and other important journals; an alphabetical list of over 3,000 American and foreign periodicals, 1955[-1959] The company '55-'59 5v
- France.** Direction des bibliothèques de France. Inventaire permanent des périodiques étrangers en cours. Inventaire des périodiques étrangers recus en France par les bibliothèques et les organismes de documentation en 1955. Bibliothèque nat. '56 694p
- France.** Institut national de la statistique et des études économiques. Service central de la documentation. Bibliothèque. Catalogue des périodiques français et étrangers conservés à la Bibliothèque. Person '56 175p
- Freitag, W. M.** Non-library periodicals for library technical services. Lib Resources & Tech Serv 3:215-22 Summe '59
- Greater world understanding through periodicals.** Top News 15:30-5 D '58 annot
- Hague.** Koninklijke bibliotheek. Systematische en alfabetische lijst van lopende tijdschriften in de leeszaal aanwezig, 1953. Staatsdrukkerij- en uitgeverijbedrijf '53 38p
- Hammond, M. E.** Catalogues and bibliographies of periodicals; a survey of some foreign guides to periodical literature since 1945. J Doc 14:119-35 S '58
- Hungarian newspapers and periodicals.** Catalogue, 1956. Kultura '56 157p
- India.** Council of scientific and industrial research. Catalogue of periodicals available in CSIR organisations; corr. up to Dec. 1953. The council '55 108p
- International labor office.** Library. List of periodicals indexed in the Library during 1956[-1957] (Bibliog. reference list no83, 85) The library '57-'58 2v
- Istituto nazionale di archeologia e storia dell'arte.** Rome. Biblioteca. Indice dei periodici attivi [di Cesare d'Onofrio] Soc. tip. editrice modenese '56 24p
- Kurth, Karl.** Handbuch der deutschsprachigen presse ausserhalb Deutschlands. (Göttinger arbeitskreis, Veröffentlichung no 143) Holzner-verlag '56 399p
- Leopoldville, Belgian Congo.** Bibliothèque centrale du Congo belge. Catalogue des périodiques. The library '54 130p
- Library association.** London and home counties branch. London union list of periodicals: holdings of the municipal and county libraries of Greater London; 2d ed. ed. by Owen W. Keen and Kathleen Hancock. The association '58 224p
- Linda Hall library.** Kansas City, Missouri/ List of serial titles received currently by the Library as of December 31, 1955. (Bul. no5) The library '56 91p

PERIODICALS—Continued

- London. University. Library. List of periodicals. The library '56 279p
- Mead, R. G. Select list of periodicals of interest to Hispanists. *Hispania* 38:427-9 D '55
- Messina. Università. Biblioteca. Elenco delle pubblicazioni periodiche esistenti nella Biblioteca universitaria, nell'Accademia peloritana e negli istituti scientifici. *La Sicilia* '52 298p
- Midwest inter-library center, Chicago. Union list of little magazines showing holdings of 1,037 little magazines in the libraries of Indiana university, Northwestern university, Ohio state university, State university of Iowa, University of Chicago, University of Illinois; comp. by Ind. univ. lib. with the cooperation of the other five. The center '56 98p
- Milan. Biblioteca civica. Sezione catalogo centrale. Catalogo dei periodici esistenti nelle biblioteche milanesi associate al catalogo centrale. The library '57 483p
- Morbihan, France (département). Archives. Liste des périodiques français et étrangers en cours conservés dans les bibliothèques et centres de documentation des départements: Morbihan; à jour au 1^{er} janvier 1953. The archives '53 38p
- Münster. Universität. Bibliothek. Münstersches zeitschriftenverzeichnis. Aschendorf '58 684p
- Nancy. Université. Bibliothèque. Liste des périodiques français et étrangers en cours concernant les bibliothèques et centres de documentation des départements à jour au 1^{er} janvier 1953. The library '53 125p
- Neue wissenschaftliche zeitschriften. Z. Bibl. & Bibliog. 2 no 1:52-4; no 4:313-14; 3 no 2:119-20; 4 no 2:137-40; no 4:277-80; 5 no 3:235-8; 6 no 1:71-7; no 2:165-8 '55-59
- New periodicals of 1955-1959. Coll. & Res. Lib 16:375-8; 17:156-9; 409-13; 18:147-52, 488-92; 19:134-40, 404-8; 20:135-41, 365-8+ O '55, Mr. S '56, Mr. N '57, Mr. S '58, Mr. S '59
- Newfoundland. Memorial university college, St. John's. Library. Serial publications being received in the library. The library '57 31p
- Olsen, Torkil. Periodicakatalog; fortegnelse over løbende udenlandske periodica ved danske videnskabelige og faglige biblioteker; foreløbig udg. pr. 1. jan. 1953. Dansk bibliog. kontor '55 281p
- Osborn, Andrew Delbridge. Serial publications: their place and treatment in libraries. A.L.A. '55 p289-300
- Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Zahraniční časopisy docházející do knihoven ústavů, podniků, škol a ostatních vědeckých institucí Ostravského kraje, 1956. (Publikace, ser 1, no 71) The library '56 124p
- Oxford. University. Bodleian library. Current foreign and Commonwealth periodicals in the Bodleian library and in other Oxford libraries. Oxford '53 267p
- Supplement no 1, 1951-1954. The library '57 99p
- Paris. Bibliothèque nationale. Département des périodiques. Catalogue collectif des périodiques conservés dans les bibliothèques de Paris et dans les bibliothèques universitaires de France: Périodiques slaves en caractères cyrilliques; état des colls. en 1950. The library '56 2v
- Periodical holdings and subscriptions in eight Minnesota libraries: the James Jerome Hill reference library, the St Paul public library, Carleton college, the College of St Catherine, the College of St Thomas, Hamline university, Macalester college, St Olaf college; prepared to serve as a basis for cooperative storage, for sel. of new titles, for exchanges of holdings, and for discarding duplicates. James Jerome Hill reference lib. '54 378p
- Peterson, Theodore Bernard. Magazines in the twentieth century. Univ. of Ill. press '56 p397-411
- Pierson, Roscoe M. Union list of periodicals currently received by Protestant theological libraries in Kentucky, Ohio and Indiana. Bosworth memorial lib, College of the Bible '57 38p
- Prague. Universita Karlova. Knihovna. Soupis cizozemských periodik, 1945-1955; sest. Jan Blízek. (Bibliog. příručky, no 7) The library '56 2v
- Prague. Universita Karlova. Knihovna. Soupis novin a časopisů zemí lidové demokracie (kromě ČSR) docházejících v r. 1953 do univerzitní knihovny v Praze; sest. J. Blízek; redigoval V. Čejchan. (Bibliog. příručky, čís. 2) The university '53 74p
- Quezon, Philippine Islands. University of the Philippines. Interdepartmental reference service. Union list of serials of government agency libraries of the Philippines. The service '55 623p
- Supplement, January 1955-December 1956. The service '57 372p
- Rennes. Université. Bibliothèque. Liste des périodiques français et étrangers en cours conservés dans les bibliothèques et centres de documentation des départements (refondue et mise à jour au 1^{er} janvier 1958): Ille-et-Vilaine. The library '58 93, 73p
- Ruch, Biuro wydawnicze, Warsaw. Katalog czasopism Albanii, Bułgarii, Chin, Czechosłowacji, Mongolii, NRD, Rumunii, Węgier [opracowanie: Jerzy Siódma] The bureau '57 516p
- Saarbrücken. Universität des Saarlandes. Bibliothek. Verzeichnis der laufend gehaltenen periodica. The library '55 257p
- Società nazionale di scienze, lettere ed arti in Napoli. Pubblicazioni periodiche esistenti nelle biblioteche pubbliche e negli istituti universitari di Napoli (fino al 1950) a cura della Soprintendenza bibliografica per la Campania e la Calabria. The society '57 739p
- Southern association of colleges and secondary schools. Commission on colleges and universities. Classified list of reference books and periodicals for college libraries; W. Stanley Hoole, editor. 3d ed The association '55 227p
- Southern regional education board. Southeastern supplement of the Union list of serials: a regional union list of serials commencing pub. before Jan. 1, 1950, supplementing the Union list of serials of the H. W. Wilson co.; ed. by Edward Graham Roberts; under the sponsorship of the Assn. of southeastern research libs, the Southeastern interlib. research facility (1955-1958) and the Southern regional education board. The board '59 447p
- Switzerland. Generaldirektion der post-, telegraphen- und telefonverwaltung. Bibliothek. Zeitschriftenverzeichnis. Liste des périodiques. The agency '56 36p
- Tarbes, France. Bibliothèque municipale. Liste des périodiques français et étrangers en cours concernant les bibliothèques et centres de documentation des départements (à jour au 1^{er} janvier 1953) The library '53 20p
- Tidsskrifter i Nobelinstituttets bibliotek. Statistisk sentralbyrås bibliotek [og] Utenriksdepartementets bibliotek; rettsvitenskap, statistikk, økonomi, finanser, internasjonale forhold, politikk, historie, geografi, tidsskrifter av blandet innhold. new ed The libraries '57 76p
- Trinity college, Hartford. Library. Current periodicals in the libraries of Greater Hartford, New Britain, University of Connecticut and Wesleyan university. The library '57 70p
- Tübingen. Universität. Bibliothek. Tübinger zeitschriften-verzeichnis (TZV) neue ausg. stand vom 1. april 1957. The library '57 530p
- Ulrich's periodicals directory; a classified guide to a sel. list of current periodicals, foreign and domestic; ed. by Eileen C. Graves. 8th ed Bowker '56 730p
- Same. 9th ed Bowker '59 832p
- Unione italiana delle camere di commercio, industria e agricoltura. Biblioteca. Catalogo delle pubblicazioni periodiche italiane ed estere. Industrie tipografiche editoriali romane '5-? 37p
- Unione italiana delle camere di commercio, industria e agricoltura. Biblioteca. Catalogo delle pubblicazioni periodiche italiane ed estere. Azienda beneventana tip. editoriale '57 82p
- United Nations educational, scientific and cultural organization. Library. Liste des périodiques reçus régulièrement le 1^{er} novembre 1956. Check-list of periodicals currently received on 1 November 1956. The library '56 137p

PERIODICALS—Continued

- United Nations educational, scientific and cultural organization. South East Asia science cooperation office. Union catalogue of periodical holdings in the main science libraries of Indonesia. pilot ed The office '53 302p
- United States. Department of state. Library division. Current serials; a checklist of serial pubs. cataloged July 1, 1955-December 31, 1956. (Bibliog. list no 148) The division '57 45p
- United States. Library of Congress. New serial titles; a union list of serials commencing pub. after Dec. 31, 1949; prepared under the sponsorship of the Joint com. on the Union list of serials. The library. See numbers
- United States. Library of Congress. Slavic and Central European division. East and east Central Europe: periodicals in English and other west European languages: comp. by Paul L. Horecky with the assistance of Janina Wojcicka. The division '58 126p
- Vatican. Biblioteca vaticana. Catalogo delle pubblicazioni periodiche esistenti in varie biblioteche di Roma e Firenze; pubblicato con la collaborazione dell'Unione internazionale degli istituti di archeologia, storia e storia dell'arte in Roma. The library '55 495p
- Vereinigung schweizerischer bibliothekare. Verzeichnis ausländischer zeitschriften in Schweizerischen bibliotheken. Répertoire des périodiques étrangers recus par les bibliothèques suisses; redaktion: Schweizerische landesbibliothek. 4th ed The association '55 620p
- Supplement 1. The association '57 106p
- Walker art center, Minneapolis. Little magazines; an exhibition of past and present little magazines and literary reviews. Oct. 12-Nov. 9, 1958 [catalogue: introd. by James Boyer May] The center '58 np
- Western Australia. Library board. Union list of periodicals; a list of periodicals currently received in the libs. of the metropolitan area; prepared by the Board and the Lib. assn. of Australia. The board '56 71p
- Wood, Playsted. Magazines in the United States. 2d ed Ronald '56 p379-83
- Writers' and artists' year book, 1959; a directory for writers, artists, playwrights, writers for film, radio and television photographers and composers; 52d year of new issue. Macmillan '59 p 1-55 annot
- Zeitschriftenverzeichnis der Städtischen u. universitäts-bibliotheken, Frankfurt am Main; laufend gehaltene zeitschriften der Stadt- und universitäts-bibliotheken. Senckenbergischen bibliothek und Medizinischen hauptbibliothek; stand vom 1. 1. 1956. The libraries '56 2v

See also

- Children's periodicals
Employees' magazines, handbooks, etc.
House organs
Journalism
News letters
Newspapers
Press law
Religious newspapers and periodicals
Slavic periodicals
also subhead Periodicals under the following subjects

Africa
Agriculture
Agriculture, Cooperative
Anthropology
Architecture
Art
Astronomy
Bees
Biology
Botany
Business
Catholic church
Central Europe
Chemical engineering
Chemistry
Commerce
Dentistry
Documentation
Economics
Education
Europe, Eastern
Fishes
Food industry and trade
Franciscans

Geography
Geophysics
German philology
Glass
Handicapped
History
Horticulture
Humanities
Insurance, Social
Intergroup relations
International cooperation
Jazz music
Labor and laboring classes
Law
Language and languages
Leisure
Library science
Literature—History and criticism
Mathematics
Medicine
Medicine, Military
Military art and science
Moving pictures
Music
Names
Natural history
Nurses and nursing
Pharmacology
Pharmacy
Philology
Philosophy
Photography
Physics
Plant breeding
Plants—Diseases and pests
Potatoes
Psychiatry
Psychology
Science
Social sciences
Socialism
Socialism—Italy
Sports
Statistics
Technology
Trade unions
Travel
United States—Government publications
Veterinary medicine
Youth

PERIODICALS—Continued

Bibliography

- Björkbom, C. Swedish catalogues and bibliographies of periodicals. J Doc 15:17-20 Mr '59 annot
- Gummer, H. M. Catalogues and bibliographies of periodicals. J Doc 12:34-8 Mr '56
- Hammond, M. E. Catalogues and bibliographies of periodicals; a survey of some foreign guides to periodical literature since 1945. J Doc 14:119-35 S '58

Africa

- 1956[1959] Advertising and press annual of Africa. Boston house '56-59 4v
- Ruth Sloan associates, Washington, D.C. Press in Africa; ed. by Helen Kitchen. The firm '56 96p annot
- United States. Library of Congress. Reference department. Research and information on Africa; continuing sources. The department '54 70p

Argentina

- Méndez Paz, Emilio. Periódicos correntinos, 1825-1900. The author '53 123p

Asia, Southeastern

- Tokyo. National diet library. General reference division. List of periodicals published in the South-east Asia: British Borneo, Cambodia, Ceylon, Hongkong, India, Indonesia, Laos, Malaya, Pakistan, Philippines, Singapore, Thailand, and Vietnam. The division '54 117p

Austria

- Handbuch Österreichs presse, werbung, graphik. 4th ed Verband österreichischer zeitungsherausgeber '56 384p
- Österreichische gesellschaft für dokumentation und bibliographie. Dokumentation in Österreich; verzeichnis der dokumentationsstellen und der periodisch erscheinenden bibliographien. (Biblos-schriften, v2) Brüder Hollinek '53 63p

Belgium

- Bertelson, Lionel. Tableau chronologique des journaux belges; essai. Sec. bruxelloise. Association générale de la presse belge '56 47p

PERIODICALS—Belgium—*Continued*

Hove, Julien van. Répertoire des périodiques paraissant en Belgique. Librairie encyclopédique '51 358p
—Supplément, 1. Librairie encyclopédique '55 304p

Keppenne, M. Gh. Les publications périodiques éditées par les services centraux des ministères, 1951. (Bibliog. belgica, 22) Comm. belge de bibliog. '57 64p

De periodieke pers in België; alphabetische nomenclatuur. Jaarboek van de katholieke pers in België '55 96p

Riedel, A. Répertoire des périodiques musicaux belges. (Bibliographia belgica, 8) Comm. belge de bibliog. '54 47p

Bolivia

Golde, Werner. Bibliographie der bolivianischen zeitschriften, 1953-1954. The author '55 66p

Brazil

Brazil. Instituto brasileiro de bibliografia e documentação. Periódicos brasileiros de cultura; ed prelim The institute '56 182p
Carvalho, Oswaldo de. Bibliografia de hemerografias. The author '56 56p

New periodicals. UNESCO Bul Lib 10:64-5+ F '56

California

White, A. California state periodicals. News Notes Calif Lib 51:354-7 Ap '56 annot

Canada

Canadian magazines. See numbers of Canadian advertising

Catholic press directory, 1955-1956[-1959] official media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-59 5v

Goggio, Emilio, and others. Bibliography of Canadian cultural periodicals (English and French from colonial times to 1950) in Canadian libraries. Dept. of Italian, Spanish & Portuguese, Univ. of Toronto '55 45p

Kallmann, H. Check-list of Canadian periodicals in the field of music. Can Mus J 1:30-6 Winter '57

Writer's market; ed. by Aron M. Mathieu and Joseph A. Alvarez. 15th ed Writer's digest '57 incl bibliog annot

Foreign language press—Ukrainian

Ukrainian Canadiana, 1955[-1958] (Ser: Bibliog, no3-6) Ukrainian free acad. of sciences '56-'59 4v 1955, p21-9; 1956, p23-6; 1957, p23-9; 1958, p26-32

China

Hervouet, Yves, and others. Catalogue des périodiques chinois dans les bibliothèques d'Europe; préparé avec la collaboration de J. Lust et R. Pelissier. (Le Monde d'outre-mer. passé et présent, sér4. Bibliogs. 2) Mouton '58 102p

United States. Library of Congress. Science division. Chinese scientific and technical serial publications in the collections of the Library of Congress. The division '55 55p

Congo, Belgian

Berlage, Jean. Répertoire de la presse du Congo belge (1884-1958) et du Ruanda-Urundi (1920-1958). Repertorium van de pers van Belgisch Congo (1884-1958) en van Ruanda-Urundi (1920-1958). (Bibliographia belgica 43) Comm. belge de bibliog. '59 193p

Cuba

Moliner, Israel M. Indice cronológico de la prensa en Matanzas. Atenas de Cuba '55 18p

Pruneda, Isidro. Los periódicos de Pinar del Río; estudio bibliográfico, 1852-1952 (cien años) Heraldico pinareño '52 99p

Czechoslovakia

Noviny a časopisy v českých krajích, 1953. Prague. Národní knihovna '54 67p

Potemra, Michal. Bibliografia slovenských novín a časopisov do roku 1918. (Slovenská národná bibliog. Sér B. Periodiká, zväzok 1a) Matica slovenská '58 145p

Soups časopisectva, 1951. Národní knihovna '51 202p

Denmark

Buschardt, Leo, and others. Basættelsestidens illegale blade or bøger, 1940-1945; en bibliografi. Kongelige bibliotek, Copenhagen '54 201p

Copenhagen. Polyteknisk laereanstalt. Danmarks tekniske bibliotek. Løpende periodica i Danmarks tekniske bibliotek, ultimo 1952. The library '52 113p

Dansk tidsskriftfortegnelse. Danish periodicals. 2d ed Dansk bibliog. kontor '55 160p

New periodicals; Denmark. UNESCO Bul Lib 9:263-9 N '55

Ecuador

Jaramillo, Miguel Angel. Indice bibliográfico de las revistas de la biblioteca Jaramillo de escritos nacionales. Editorial del Núcleo del azuay de la Casa de la cultura ecuatoriana '53 180p

Europe, Eastern

Stanford university. Hoover institute and library on war, revolution, and peace. Bibliography of law journals currently published in eastern Europe. The library '55 9p annot

Florence

Righini, Benvenuto. I periodici fiorentini (1597-1950) catalogo ragionato. (Contributi alla Biblioteca bibliog. italiana, 7, 9) Sansoni '50-'55 2v

France

Annuaire de la presse française et étrangère du monde politique, 1955[-1959] 69th-73d ed Annuaire de la presse '55-'59 5v

Arhour, Roméo. Les revues littéraires éphémères paraissant à Paris entre 1900 et 1914; répertoire descriptif. Corti '56 93p

Association pour la diffusion de la pensée française. Périodiques français; choix destiné à l'usage des lecteurs résident à l'étranger. The association '56 69p

Beregi, T. Panorama de la presse syndicale de 1830 à nos jours. R Socialiste 107:473-82 My '57

Dubois, Jacqueline, and Dubois, Raoul. La presse enfantine française; vue d'ensemble, bibliog. critique; avant-propos de Louis Rousselle. (Coll. Docs. et critique) Eds. des francs & franchises camarades '57 49p

L'Echo de la presse et de la publicité. Répertoire pratique de la presse, 1955. The firm '55 vp

Hachette, firm, publishers, Paris. Revues et périodiques de langue française; répertoire analytique. The firm '55 337p

—Supplément. The firm '56 189p

Ill-et-Vilaine, France (département) Archives. Répertoire numérique des publications périodiques, sous-série 12 Tb et divers; dressé par Yvonne Marceil. Imprimeries réunies '57 150p

Lot, France (département). Archives. Liste des périodiques français et étrangers en cours concernant les bibliothèques et centres de documentation des départements (à jour au 1^{er} janvier 1953) The archives '53 12p

Manche, France (département). Archives. Liste des périodiques français et étrangers en cours reçus par les bibliothèques et centres de documentation: Manche. The archives '54 34p

Monnot, R. Répertoire de la presse périodique française, 1865-1944. Assn Bibl Français Bul Inf ns no23:101-12 Je '57 (to be cont)

Paris. Bibliothèque nationale. Catalogue des périodiques clandestins 1939-1945; suivi d'un catalogue des périodiques clandestins diffusés à l'étranger; préparé et rédigé successivement par Renée Roux-Fouillet et Paul Roux-Fouillet. The library '54 282p

Raux, Henri F. Répertoire de la presse et des publications périodiques françaises, 1957. La Documentation française '58 1115p

Tarbes, France. Bibliothèque municipale. Liste des périodiques français et étrangers en cours concernant les bibliothèques et centres de documentation des départements (à jour au 1^{er} janvier 1953) The library '53 20p

Veinstein, André. Théâtre libre au Théâtre Louis Jovet; les théâtres d'art à travers leurs périodiques (1887-1934) préf. d'Henri Gouhier. Ed. Billaudot '55 p 134-275

PERIODICALS—Continued

Germany

- Boeninger, Hildegard R. Hoover library collection on Germany. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Coll. survey, no2) Stanford univ. press '55 p47-56
- Deutsche presse, 1956; zeitungun und zeitschriften. Duncker & Humblot '56 1024p
- Fachzeitschriften; gesamt-katalog. 1955. Verlag für buch- & bibliothekswesen '55 108p
- Frankfurt am Main. Deutsche bibliothek. Deutsche bibliographie. Zeitschriften. 1945-1952; bibliog. der in Deutschland erscheinenden periodischen veröffentlichungen, sowie der deutschsprachigen periodica österreichs. der Schweiz und anderer länder. Buchhändler-vereinigung G.m.b.H. '54-'55 7 pts
- Kirchner, Joachim. Das deutsche zeitschriftenwesen; seine geschichte und seine probleme; v 1. Von den anfängen bis zum zeitalter der romantik. 2d rev & enl ed Harrassowitz '58 270p
- Leitfaden für presse und werbung; hrsg. von Willy Stamm. 9th ed Stamm '66 111p
- Richterling, H. Westfälische zeitschriften 1954. Westfälische Forsch 8:250-60 '55
- Sticker, Bernhard. Verzeichnis der deutschen wissenschaftlichen zeitschriften. 3d new ed Steiner '54 56p
- Sticker, Bernhard. Verzeichnis der deutschen wissenschaftlichen zeitschriften. 3d rev ed Steiner '54 56p
- Same. 4th rev ed Steiner '57 63p
- Zeitungen und zeitschriften der Deutschen Demokratischen Republik. Koehler & Volckmar '53 23p

Great Britain

- Dalziel, Margaret. Popular fiction 100 years ago; an unexplored tract of literary history. Dufour eds. '57 p 183-4
- Federation of British industries. Selected British technical journals. The federation '57 15p
- Index to selected British educational periodicals. Univ. inst. of education. See numbers
- New periodicals. UNESCO Bul Lib 10:214-19+ Ag '56
- Periodical proprietors association. Council of the trade and technical press. Business and specialised publications of Great Britain, including annuals, yearbooks and similar publications. The council '58 111p
- Ward, William Smith. Index and finding list of serials published in the British isles, 1789-1832. Univ. of Ky. press '53 180p
- Willing's press guide, 1955[1959] a comprehensive index and handbook of the press of the United Kingdom of Great Britain, Northern Ireland and the Irish Republic; together with the principal British Commonwealth, colonial and foreign publications. (V81-85) Willing's press service '55-'59 5v

Bibliography

- Ward, William Smith. Index and finding list of serials published in the British isles, 1789-1832. Univ. of Ky. press '53 p 177-80

Greece

- Turczynski, Emanuel. Die ersten griechischen zeitungun und zeitschriften, 1784-1821. Publizistik 1:353-62 N '56

Hungary

- Allami könyvterjesztő vállalat. Politikai könyvsorozatok jegyzéke. The corporation '52 48p
- Dezsényi, Béla, and others. A Magyar sajtó bibliográfiája, 1945-1954. (Kiadványai, 36) Művelt nép. Tudományos és ismeretterjesztő kiadó '56 159p
- New periodicals; Hungary. UNESCO Bul Lib 9:191-3 Ag '55

India

- Calcutta. National library. Catalogue of periodicals, newspapers & gazettes. Gov. of India press '56 285p
- India. National information service. Guide to Indian periodicals, 1955-1956. The service '56 349p

Italy

- Annuario della stampa italiana, 1957-1958. Grazianti '57 1463p
- Elenco dei quotidiani e periodici italiani, 1956[1958] Associazione italiana editori '56-'58 3v
- Ente per la storia del socialismo e del movimento operaio italiano. Bibliografia del socialismo e del movimento operaio italiano; v 1. Periodici tratti dalle raccolte della Biblioteca nazionale di Firenze; a cura di R. Cuillini e L. B. Manetti. Ed. Esmoi '56 2v annot
- Istituto di studi filosofici. Bibliografia ragionata delle riviste filosofiche italiane dal 1900 al 1955, a cura di Enrico Zampetti. Rome. Univ. '56 136p

Japan

- Bibliographical list of Japanese learned journals (humanities & social sciences) no 1. Scientific information sec, Higher education & science bur, Japan. Ministry of education '56 1v
- Bibliographical list of Japanese learned journals (natural sciences) no 1. Scientific information sec, Higher education & science bur, Japan. Ministry of education '57 81p
- Directory of Japanese learned periodicals, 1957; pt 1 (and) pt 4. Generalities, humanities, and social sciences; comp. by Nat. Diet library. Tokyo lib. bur. '58 np
- Directory of Japanese learned periodicals, 1957; pt2. Natural and medical sciences; comp. by Nat. Diet library. Lib. bur. '57 33p
- Directory of Japanese learned periodicals, 1957; pt3. Applied sciences and fine arts; comp. by Nat. Diet library. Lib. bur. '57 np
- Onodera, S. Past and present of Japanese medical journals. Med Lib Assn Bul 46:73-81, 320-34 Ja. J1 '58 annot

Latin America

- Pan American union. Repertorio de publicaciones periódicas actuales latinoamericanas. Directory of current Latin American periodicals. Répertoire des périodiques en cours publiés en Amérique latine. (UNESCO bibliog. handbks. 8) UNESCO '58 266p
- Zimmerman, I. Selected list of Latin American periodicals. Ser Slants 7:174-92 O '56

Liechtenstein

- Blaser, Fritz. Bibliographie der Schweizer presse mit einchluss des Fürstentums Liechtenstein. Bibliographie de la presse suisse. Bibliografia della stampa svizzera. (Quellen zur schweizer geschichte, neue reihe abt.4; Handbücher, v7) Birkhäuser '56-'58 2v

Mexico

- Mexico (city). Centro de documentación científica y técnica. Lista de revistas científicas mexicanas. The center '53? 8p

Moravia

- Wurmová, Milada. Soupis moravských novin a časopisů z let 1848-1918. Krajské nakladatelství '55 94p

Netherlands

- List of scientific and learned periodicals in the Netherlands. (Nederlands instituut voor documentatie en registratuur. Pub. ser2, no4) Nijhoff '53 63p
- Uitgeversbedrijf Publiciteit, Hague. Handboek van de Nederlandse pers. The firm '56 1v

New Jersey

- Reynolds, B. New Jersey business periodicals. Bsns Lit 28:111-12 D '55 annot

Nigeria

- Ibadan, Nigeria. University college. Library. Nigerian periodicals and newspapers, 1950-1955. The library '56 23p

Norway

- Oslo. Universitet. Bibliotek. Current Norwegian periodical & serial publications; a sel. bibliog. pub. by the Royal univ. lib, Oslo. Akademisk forlag '54 39p

Philippine Islands

- Hart, Donn Vorhis, and Eala, Quintin A. Annotated guide to current Philippine periodicals. (Biblog. ser) Southeast Asia studies, Yale univ. '57 115p

PERIODICALS—Philippine Islands—*Continued*

- New periodicals. UNESCO Bul Lib 10:24 Ja '56
 Quezon, Philippine Islands. University of the Philippines. Interdepartmental reference service. Union list of serials of government agency libraries of the Philippines. The service '55 623p
 —Supplement, January 1955-December 1956. The service '57 p355-72

Poland

- Prasa, robotnicza spółdzielnia wydawnicza, Warsaw. Zakład badań prasoznawczych. Materiały do bibliografii dziennikarstwa i prasy w Polsce w latach 1944-1954; wybór. Państwowe wydawn. naukowe '57 788p
 Wepsiec, Jan. Polish periodicals, 1953-1956; an annot. bibliography. Catholic univ. of Am. '57 169p
 Wepsiec, Jan. Polish serial publications, 1953-1956; an annot. bibliography. The author '58 229p

Portugal

- Centro de documentação científica, Lisbon. Periódicos portugueses de ciências, letras e artes, actualmente em publicação: Série A. The center '54 145p

Ruanda-Urundi

- Berlage, Jean. Répertoire de la presse du Congo belge (1884-1958) et du Ruanda-Urundi (1920-1958) Repertorium van de pers van Belgisch Congo (1884-1958) en van Ruanda-Urundi (1920-1958) (Bibliographia belgica 43) Comm. belge de bibliog. '59 133p

Rumania

- New periodicals, Rumania. UNESCO Bul Lib 11:220-4 Ag '57
 Newspapers and periodicals from Rumania, 1958. Cartimex '58 159p

Russia

- Beverly, E. Abstracts of Soviet medicine: an appraisal. Med Lib Assn Bul 46:196-7 Ap '58
 Binnington, J. P. Soviet scientific journals in English translations. Sp Lib 48:28-30 Ja '57
 Björkbohm, Carl. Samkatalog över ryska tidskrifter och seriepublikationer inom ren och tillämpad naturvetenskap 1939-1954 i svenska bibliotek. Union list of serial publications of the Soviet Union in the field of pure and applied science 1939-1954 in Swedish libraries. Kungl. tekniska högskolans bibliotek '55 24p
 Hoseh, M. Scientific and technical literature of the U.S.S.R. J Chem Educ 33:397-402 Ag '56 annot
 Krause, Georg, ed. Sowjetische zeitschriften in wissenschaftlichen bibliotheken der Bundesrepublik und Berlins, 1945-1955; material zu einem systematischen verzeichnis der bestände mit signaturen. (Arbeitsgemeinschaft für osteuropaforschung. Nachweise und dokumente zur Osteuropaforschung) Böhlau-verlag '55 92p
 Lee, Paul. Bibliography of Russian emigré publications. Propaganda lib. Coordinator of psychological intelligence, Office of research & intelligence '54 24p
 Maichel, K. Selected list of Soviet scientific journals. Sp Lib 49:197-204 My '58 annot
 New periodicals: Union of Soviet Socialist Republics. UNESCO Bul Lib 12:67-70 F '58
 Periodicals published in the Caucasus. Caucasian R no2:136-43 '57

- Royal geographical society, London. Library. Hand-list of Russian serials in the library of the Royal geographical society. (R.G.S. lib. ser. no2) The library '5-? 15p

- United States. Library of Congress. Cyrillic bibliographic project. Serial publications of the Soviet Union, 1939-1957; a bibliog. checklist comp. by Rudolf Smits. U.S. Gov. ptg. office '58 459p

- United States. Library of Congress. Processing department. Russian periodicals in the Helsinki university library; a checklist. The library '59 120p

Bibliography

- Maichel, K. Bibliographical guides to Russian periodical publications, 1901-1956. Coll & Res Lib 19:209-16+ My '58

Scandinavia

- Smith, J. F. Scandinavian chemical literature. J Chem Educ 33:136-7 Mr '56

South Africa

- South Africa. Departement van onderwys, kuns en wetenskap. Lys van lopende tydskrifte in staatsdepartemente, 1958 (alphabeties en geklassifiseerd) List of current periodicals in government departments, 1958 (alphabetical and classified) The department '58 385p

Spain

- Barth, H. Spanische zeitschriften, Gazette 4 no3:219-28 '58
 Berenguer, Isidro Albert. Bibliografía de la prensa periódica de Alicante y su provincia. Comisión provincial de monumentos históricos y artísticos '57 71p

Sweden

- Björkbohm, Carl. List of Swedish technical periodicals. Swedish inst. '55 15p
 —Same. Swedish inst. '57 15p

Switzerland

- Blaser, Fritz. Bibliographie der Schweizer presse mit einschluss des Fürstentums Liechtenstein. Bibliographie de la presse suisse. Bibliografia della stampa svizzera. (Quellen zur schweizer geschichte, neue reihe, abt4; Handbücher, v7) Birkhäuser '56-'58 2v
 New periodicals, Switzerland. UNESCO Bul Lib 10:247-4 O '56

- Schweizer zeitschriftenverzeichnis. Répertoire des périodiques suisses. Repertorio dei periodici svizzeri, 1951-1955. Verlag des schweizerischen buchhändler- & verlegervereins '56 161p

- Verband schweizerischer annoncen-expeditionen. Schweizerischer zeitungskatalog, herausg. im einvernehmen mit dem Schweizerischen zeitungsverleger-verband. The association '55 196, 123p

Tunisia

- Tunis. Bibliothèque nationale. Récapitulation des périodiques officiels parus en Tunisie de 1881 à 1955, par Hélène Pili-penko et Jean Rousset de Pina. Imprimerie La Rapide '56 108, 10p

United States

- American journals in the humanities: a guide to scope and editorial policy. PMLA 72:52-65 S '57 annot

- Burack, Abraham Solomon, ed. Writer's handbook. The writer '57 p513-621 annot
 Catholic press directory, 1955-1956[1959] official media reference guide to Catholic newspapers and magazines of the United States and Canada. Catholic press association '55-'59 5v

- Cundiff, Ruby Ethel. 101 magazines for schools, grades 1-12. 3d ed Tenn. bk. co. '59 25p annot

- Diaz, J. A. Prensa ilustrada en los Estados Unidos. Estud Am 13:67-91 Ja '57

- Mellinat, C. H. U.S. government serials. Bklist 52:461-2 J11 '56

- New Jersey magazines: a study in diversity. N J Bsns 5:20-4 D '58

- Simmons, Robert. How and where to market your pictures. Greenberg '57 p 107-23 annot
 Stroupe, Henry Smith. Religious press in the south Atlantic states, 1802-1865; an annot. bibliog. with historical introd. and notes. (Trinity college historical soc. Historical papers, ser 32) Duke univ. press '56 172p

- United States. Artillery and guided missile school, Fort Sill, Oklahoma. Library. Check list of American periodicals and newspapers. (Special bibliog. no 11) The library '57 20p

- United States. Superintendent of documents. Government periodicals. (Price list 36, 96th ed) U.S. Gov. ptg. office '59 21p

- Writer's market; ed. by Aron M. Mathieu and Joseph A. Alvarez. 15th ed Writer's digest '57 incl bibliog annot

History

- Stewart, Paul Robert. Prairie schooner story; a little magazine's first 25 years. Univ. of Neb. press '55 p 199-203

Viet Nam

- Thi-do, D. Le journalisme au Viêt-Nam et les périodiques vietnamiens de 1865 à 1944 conservés à la Bibliothèque nationale. Assn Bibl Français Bul Inf ns no25:29-36 Mr '58 annot

- Michigan, State university. Vietnam project. Bibliography of periodicals published in Vietnam; prepared by Nguyen Xuan Dao and Richard K. Gardner. Office of the coordinator '58 7p

PERIODICALS—Continued

West Virginia

Norona, Delf, ed. West Virginia imprints, 1790-1863; a checklist of bks, newspapers, periodicals and broadsides; comp. by [the ed] and Charles Shetler. (Pub. no 1) West Va. lib. assn. '58 p201-76 annot
West Virginia libraries. West Va Lib 8:3-9 S '55

Yugoslavia

Jugoslavenski časopisi; izbor. Yugoslav periodicals; selection. Jugoslavenski centar za tehničku i naučnu dokumentaciju '53 47p
Zagreb. Leksikografski zavod FNRJ. Grada za bibliografiju jugoslavenske periodike. (Anali, v2) The institute '55 440p

PERIODICALS, Jewish. See Jewish periodicals

PERIODICITY

Brown, F. A. and others. Persistent rhythms of O₂-consumption in potatoes, carrots and the seaweed, fucus. *Plant Physiol* 30:292 My '55

Bruce, V. G. and Pittendrigh, C. S. Endogenous rhythms in insects and microorganisms. *Am Natur* 91:193-5 My '57

Fingerman, M. Lunar rhythmicity in marine organisms. *Am Natur* 91:177-8 My '57

Guyselman, J. B. Solar and lunar rhythms of locomotor activity in the crayfish *cambarus virilis*. *Physiol Zool* 30:86-7 Ja '57

Harker, J. E. Diurnal rhythms in the animal kingdom. *Cambridge Philos Soc Biol R* 33: 38-48 F '58

Harrington, R. W. Sexual photoperiodicity of the cyprinid fish, *notropis bifrenatus* (Cope), in relation to the phases of its annual reproductive cycle. *J Exp Zool* 135:551-3 Ag '57

Hoffmann, R. S. Role of predators in cyclic declines of grouse populations. *J Wildlife Mgt* 22:318-19 Ji '58

Schneirla, T. C. Theoretical consideration of cyclic processes in doryline ants. *Am Philos Soc Proc* 101:132-3 F '57

Stephens, G. C. Twenty-four hour cycles in marine organisms. *Am Natur* 91:150-1 My '57

Stern, Kurt H. Bibliography of Liesegang rings. *Univ. of Ark. editorial service* '55 70p

Tucker, A. Relation of phytoplankton periodicity to the nature of the physico-chemical environment with special reference to phosphorus. *Am Midl Natur* 57:368-70 Ap '57

See also

Rhythm

PERIODONTIA

Goldman, Henry Maurice, and Cohen, David Walter. Periodontia: the art and science of examination and diagnosis of periodontal diseases. 4th ed Mosby '57 incl bibliog

PERKINS, Robert Cyril Layton, 1866-1955

Scott, H. Robert Cyril Layton Perkins, 1866-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p229-36)

PERMAFROST. See Frozen ground

PERMEABILITY

Cohen, G. N. and Monod, J. Bacterial permeases. *Bact R* 21:191-4 S '57

Goglia, M. J. and others. Air permeability of parachute cloths. *Textile Res J* 25:311-13 Ap '55

Mather, B. Permeability units. *Am Concrete Inst J* 26:938-9 My '55

Pinsky, J. Theoretical study of polyethylene permeability. *Mod Plastics* 34:237 Ap '57

Wedding, R. T. and Erickson, L. C. Role of pH in the permeability of chlorella to 2,4-D. *Plant Physiol* 32:512 N '57

Wilkinson, Sally, and others. Permeability of organic materials to gases and vapors. (Bibliog. ser. no 169, sup 1) *Inst. of paper chemistry* '56 172p annot

See also

Osmosis

Soil percolation

PERONOSPORA

Gustavsson, Arne. Studies on Nordic peronosporas. (Lunds botaniska förening. Opera botanica, v3, no 1-2; Botaniska notiser. Sup) *Almqvist* '59 2v v 1, p246-64; v2, p53-9

PERRET, Auguste, 1874-1954

Rogers, Ernesto N. Auguste Perret. (Architetti del movimento moderno, 13) *Il Balcone* '55 p63

PERRET Jacques, 1901-

Cœuvres de Jacques Perret. *Biblio* 26:9 Ag '58

PERSE, St John, pseud. See Léger, A. S.

PERSECUTION

See also

Jews—Persecutions

Early church

Moreau, Jacques. La persécution du christianisme dans l'Empire romain. (Mythes et religions, 32) *Presses univ. de France* '56 p 139-41

PERSIA. See Iran

PERSIAN gulf

Emery, K. O. Sediments and water of Persian gulf. *Am Assn Pet Geol Bul* 40:2381-3 O '56

PERSIAN language

Old Persian

See Old Persian language

PERSIAN literature

Cataloging

See Cataloging of Persian literature

History and criticism

Arberry, Arthur John. Classical Persian literature. *Macmillan* '58 p451-7

PERSIAN manuscripts. See Manuscripts, Persian

PERSICO, Elena da, 1869-1948

Rossetti, Antonietta. Una vita apostolica; profilo della contessa Elena da Persico di Verona. *Attività sociali Elena da Persico* '54 p95

PERSONAL names. See Names, Personal

PERSONALISM

Erasmus, O. C. Die personalisme van Kohnstamm en die betekenis hiervan vir sy prinsipiële-pedagogiese denkbegrepe. The personalism of Kohnstamm and its bearing on his educational theory. (Opvoedkundige studies, v5, no 17) *Fakulteit Opvoedkunde, Univ. Pretoria* '57 p 133-40

PERSONALITY

Allen, D. A. Aptitudes and personality. *Harvard Educ R* 26:22-3 Winter '56

Borgatta, Edgar F. Analysis of three levels of response: an approach to some relationships among dimensions of personality; a comparison of responses in a paper and pencil test, in role playing and in actual situations. (Sociometry monographs, no26) *Beacon house* '52 p51-2

Coggin, Walter A. Role of the will in personality development. (Catholic univ. of Am. Philosophical studies, no 154) *Catholic univ. of Am. press* '54 p34-8

Conference on the problems arising from the teaching of personality development to students of education and social work. Keele, 1958. Problems arising from the teaching of personality development. (Sociological review. Monograph no 1) *Univ. college of North Staffordshire* '58 p 133-8

David, Henry P. and Bracken, Helmut von, eds. Perspectives in personality theory. Basic bks. '57 incl bibliog annot

Diamond, Solomon. Personality and temperament. *Harper* '57 p427-50

Diller, J. C. Comparison of the test performances of male and female juvenile delinquents. *J Genetic Psychol* 86:234-6 Je '55

Eiduson, B. T. Artist and nonartist: a comparative study. *J Personality* 26:26-8 Mr '58

Fisher, Seymour, and Cleveland, Sidney E. Body image and personality. (Univ. ser. in psychology) *Van Nostrand* '58 p391-408

Fogarty, Michael Patrick. Personality and group relations in industry. *Longmans* '56 incl bibliog

Hall, Calvin Springer, and Lindzey, Gardner. Theories of personality. *Wiley* '57 incl bibliog

Heron, A. Objective assessment of personality among factory workers. *J Social Psychol* 39: 184-5 My '54

Janis, Irving Lester, and others. Personality and persuasibility. (Yale studies in attitude and communication, v2) *Yale univ. press* '59 p325-33

Johnson, Paul Emanuel. Personality and religion. *Abingdon* '57 p285-9

Kelly, George Alexander. Psychology of personal constructs. *Norton* '55 2v v 1, p534-6

PERSONALITY—Continued

- Leary, Timothy Francis. Interpersonal diagnosis of personality; a functional theory and methodology for personality evaluation. Ronald '57 incl bibliog
- McCary, James L. ed. Psychology of personality; six modern approaches. (Logos pub. in behavioral science) Logos press '56 p364-5
- Mary Amatora, Sister. Studying individual differences in personality. Education 77: 244-5 D '56
- Newton, Roy. How to improve your personality; 2d ed. by [the auth] and F. G. Nichols. McGraw '55 p205-12
- Oates, Wayne Edward. Religious dimensions of personality. Assn. press '57 p306-17
- Phillips, Ewing Lakin, and Gibson, James F. Psychology and personality. Prentice-Hall '57 incl bibliog
- Roe, Anne. Psychology of occupations. (Wiley pub. in the mental health sciences) Wiley '56 incl bibliog
- Royce, James E. Personality and mental health. Bruce pub. '55 incl bibliog
- Sanford, N. and others. Personality development during the college years. J Social Issues 12 no4:69-70 '56
- Schmeidler, Gertrude Raffel, and McConnell, R. A. ESP and personality patterns; with an introd. note by Gardner Murphv. Yale univ. press '58 p130-2
- Sparer, Phineas J. ed. Personality, stress, and tuberculosis. Int. univ. press '56 incl bibliog
- Stewart, R. G. Factor analysis in the measurement of personality integration. Educ & Psychol Meas 16:479-80 Winter '56
- Thorpe, Louis Peter, and Schmuller, Allen M. Personality: an interdisciplinary approach. Van Nostrand '58 incl bibliog
- See also*
Aggressiveness
Individuality
Personalism
Self
- PERSONALITY, Disorders of**
- Bell, E. C. Nutritional deficiencies and emotional disturbances. J Psychol 45:66-74 Ja '58
- Michaelis, Joseph J. Disorders of character: persistent enuresis, juvenile delinquency, and psychopathic personality. Thomas '55 p122-32
- Patterson, C. H. Interest tests and the emotionally disturbed client. Educ & Psychol Meas 17:278-80
- Tow, Peter Macdonald. Personality changes following frontal leucotomy; a clinical and experimental study of the functions of the frontal lobes in man; with a foreword by Sir Russell Brain. (Oxford medical pubs) Oxford '55 p243-55
- White, Robert W. Abnormal personality. 2d ed Ronald '56 incl bibliog annot
- See also*
Insanity
Psychoses
- PERSONALITY tests**
- Allen, Robert M. Personality assessment procedures; psychometric, projective, and other approaches; under the editorship of Gardner Murphy. Harper '58 p475-515
- Borgatta, Edgar F. Analysis of three levels of response; an approach to some relationships among dimensions of personality; a comparison of responses in a paper and pencil test, in role playing and in actual situations. (Sociometry monographs, no26) Beacon house '52 p51-2
- Cattell, Raymond Bernard. Personality and motivation structure and measurement. World bk. '57 p903-32
- Cattell, R. B. Chief invariant psychological and psycho-physical functional unities found by P-technique. J Clin Psychol 11:342-3 O '55
- Cattell, R. B. Principal replicated factors discovered in objective personality tests. J Abnorm & Social Psychol 50:313-14 My '55
- Cattell, R. B. and Gruen, W. Primary personality factors in 11-year-old children, by objective tests. J Personality 23:477-8 Je '55
- Cattell, R. B. and others. Re-examination of personality structure in late childhood, and development of the high school personality questionnaire. J Exp Educ 27:88 D '58
- Dale, Reginald R. From school to university; a study with special reference to university entrance. Routledge '54 p240-6
- Fricke, B. G. Response set as a suppressor variable in the OAS and MMPI. J Consult Psychol 20:169 Je '56
- Gould, H. Predicting biology regents grades from personality of ninth-year students. Sci Educ 39:285-6 O '55
- Grygier, Tadeusz. Oppression; a study in social and criminal psychology; foreword by Hermann Mannheim. (Int. lib. of sociology and social reconstruction) Routledge '54 p299-341
- Henry, William Earl. Analysis of fantasy; the thematic apperception technique in the study of personality. (Wiley pub. in the mental health sciences) Wiley '56 p274-302
- Loevinger, J. Some principles of personality measurement. Educ & Psychol Meas 15:16-17 Spring '55
- Louisiana state university psychology symposium. Baton Rouge, 1958. Objective approaches in personality assessment; ed. by Bernard M. Bass and Irwin A. Berg. (Univ. ser. in psychology) Van Nostrand '59 incl bibliog
- Mary Amatora, Sister. Validity in self evaluation. Educ & Psychol Meas 16:125-6 Spring '56
- Miller, James Grier, and others. Bibliography for the development of stress-sensitive tests. (U.S. Adjutant general's office. Personal research and procedures div. PRB technical research note 22) Psychological research associates '53 125p
- Phillipson, Herbert. Object relations technique. Free press '55 p215-19
- Smith, Louis Milde. Concurrent validity of six personality and adjustment tests for children. (Psychological monographs, no457) Am. psychological assn. '58 p26-8
- Stern, George G. and others. Methods in personality assessment; human behavior in complex social situations. Free press '56 p255-9
- Wartegg, Ehrig. Schichtdiagnostik; der zeichentest (WZT) einföhrung in die experimentelle graphoskopie. Verlag für psychologie '53 p76-7
- See also*
Attitude tests
Minnesota multiphasic personality inventory
Mosaic test
Projection (psychology)
Projective tests
Rorschach test
Szdondi test
Thematic apperception test
- PERSONIFICATION in literature**
- See also*
Allegory
- PERSONNEL management**
- American library association. Board on personnel administration. Personnel administration for libraries; a bibliog. essay, prepared by Ralph E. McCoy, assisted by the Subcom. on bibliog. on personnel adm. A.L.A. '53 incl bibliog
- Angel, Juvenal Londoño. Careers in personnel administration. 3d ed rev & enl (Monograph no6) World trade '57 p27-8
- Baker, Alton Weslev. Personnel management in small plants; a study of small manufacturing establishments in Ohio. (Research monograph no76) Bur. of business research. College of commerce & adm. Ohio state univ. '55 p281-8
- Barton, William L. How they handle their personnel: a step by step comparison of over a hundred actual programs. Management pub. corp. '57 p131-41
- Buell, C. R. Pay plans and people. Wash Acad Sci J 49:18 Ja '59
- Chruden, Herbert J. and Sherman, Arthur Weslev. Personnel management. South-Western pub. '59 incl bibliog
- Clark, Charles Tallifero. Selected and annotated bibliography of personnel administration. rev ed (Bibliog. ser. no 1) Bur. of business research. Univ. of Tex. '58 27p
- Deutsch & Shea, incorporated. Company climate and creativity; 105 outstanding authorities present their views. Industrial relations news '59 p99-103
- Gardner, Burleigh Bradford, and Moore, David G. Human relations in industry. 3d ed Irwin '55 p418-21

PERSONNEL management—Continued

- George Washington university. Selective bibliography for personnel management [comp. by] Joseph N. Stonesifer. The university '53 43p annot
- Goddard, H. A. Principles of administration applied to nursing service. (Monograph ser, no41) World health organization '58 p 101-6 annot
- Grivest, M. T. and Lynch, J. C. Educational implications of personnel inventory of supervisors, head nurses and staff nurses in selected hospitals. J Exp Educ 26:183-4 D '57
- Halsey, George D. Selecting and developing first-line supervisors. Harper '55 p 191-6 annot
- Heneman, Herbert Gerhard, and others. Manpower management five-foot shelf. (Minn. Univ. Industrial relations center. Bul. 19) Univ. of Minn. press '56 29p annot
- Hunt, Arch W. Realistic appraisal of employee evaluation. (Baylor bul. v58, no 12; Baylor business studies, no24) School of business, Baylor Univ. '55 p21-2
- Laird, Donald Anderson, and Laird, Eleanor Childs (Leonard). New psychology for leadership; based on researches in group dynamics and human relations. McGraw '56 p207-15
- Laird, Donald Anderson, and Laird, Eleanor Childs (Leonard). Techniques of delegating; how to get things done through others. McGraw '57 p 130-8
- McFarland, D. E. Industrial relations directors; an annot. bibliography. Personnel J 35:340-3, 379-81, 417-19; 36:18-21 F-M '57
- Michigan. University. Bureau of industrial relations. Selected list of books and periodicals in the field of personnel administration and labor-management relations. The bureau '55 14p
- Same. The bureau '57 18p
- National association of manufacturers. Industrial relations division. Satisfying the salaried employee; a practical manual for building better relations with all categories of white collar people. The division '57 p60-4
- Nigro, Felix A. Public personnel administration; with a foreword by Henry Reining. Holt '59 p425-44 annot
- Northcott, Clarence Hunter. Personnel management; principles and practice. 3d ed rev & enl Philosophical lib. '56 p424-5
- Personnel literature; abstracts of current articles. See numbers of Public personnel review
- Piffner, John McDonald. Supervision of personnel; human relations in the management of men; 2d ed (Prentice-Hall industrial relations and personnel ser) Prentice-Hall '53 incl bibliog
- Pigors, Paul John William, and Myers, Charles Andrew. Personnel administration; a point of view and a method. 3d ed McGraw '56 p643-88
- Princeton university. Industrial relations section. Industrial relations problems of United States corporations abroad. (Sel. references, no78) The section '57 4p annot
- Princeton university. Industrial relations section. Personnel management and the professional employee. (Sel. references, no70) The section '57 4p annot
- Raphael, M. and Scanlan, E. Personnel administration. Bsns Lit 28:121-2, 123-4 My-Je '56
- Redfield, Charles E. Communication in management; the theory and practice of administrative communication. rev ed Univ. of Chicago press '58 incl bibliog annot
- Sampson, Robert C. Staff role in management; its creative uses. Harper '55 p217-20
- Schleh, Edward C. Executive management of personnel; getting results from people. Prentice-Hall '58 incl bibliog
- Selections from current publications. See numbers of Personnel administration annot
- Spielgel, William R. and Schulz, Edward. Elements of supervision; 2d ed. by [the auths. and] William B. Spielgel. Wiley '57 p335-40
- Stockholm. Handelshögskolan. Bibliotek. Personal-administrativt index. Personal-administrativa rådet. See numbers
- United States. Civil service commission. Library. Bibliography of public personnel administration literature. The commission '49 1v
- Supplement no 1-8, 1949/50-1958. The commission '51-'58 8v
- United States. Civil service commission. Library. Dissertations and theses relating to personnel administration accepted by American colleges and universities, 1955 [-1957] The library '57-'59 3v
- Wolf, William B. Wage incentive as a managerial tool. Columbia univ. press '57 p 131-7
- See also
- Communication in management
- Counseling
- Discrimination in employment
- Employees—Rating
- Employees—Training
- Employees' representation in management
- Foremen
- Incentives in industry
- Job analysis
- Motion study
- Suggestion systems
- Time study
- PERSONNEL records in education**
- American association of collegiate registrars and admissions officers. Committee on transcript adequacy. Adequate permanent record and transcript guide. The committee '59 p 17-19
- PERSONNEL service in education**
- Andrew, Dean C. and Downing, Lester Norman. 120 readings in guidance. Univ. of Neb. press '55 p335-41
- Andrew, Dean C. and Willey, Roy De Verl. Administration and organization of the guidance program. (Education for living ser) Harper '58 incl bibliog
- Arbuckle, Dugald Sinclair. Guidance and counseling in the classroom. Allyn '57 incl bibliog
- Arbuckle, D. S. ed. Classroom teacher as a guidance worker. J Educ 139:1-48 Ap '57 incl bibliog
- Barr, John A. Elementary teacher and guidance. Holt '58 incl bibliog
- Barry, Ruth, and Wolf, Beverly. Modern 'issues in guidance-personnel work. Teachers college '57 p221-5 annot
- Bennet, Margaret Elaine. Guidance in groups; a resource bk. for teachers, counselors, and administrators; supplemented by A human-relations program by Celia F. Johnson. McGraw '55 incl bibliog
- Byrne, John T. Study of student problems in Catholic men's colleges. (Catholic univ. of Am. Educational research monographs, v20, no6) Catholic univ. of Am. press '57 p 112-16
- California. Department of education. Good guidance practices in the elementary school. (Bul. v24, no6) The department '55 p73-7
- Callis, Robert, and others. Casebook of counseling. (Century psychology ser) Appleton '55 p329-49
- Cook, Lloyd Allen, and Cook, Elaine (Forsyth). School problems in human relations. (McGraw-Hill ser. in education) McGraw '57 incl bibliog
- Cottingham, Harold F. Guidance in elementary schools, principles and practices. McKnight '56 p295-306
- Bells, W. C. American doctoral dissertations on personnel problems and procedures in foreign countries. Personnel & Guid J 34: 226-8 D '55
- Erickson, Clifford Eric, and Smith, Glenn E. Organization of administration of guidance services; 2d ed. [by] Edward C. Roerber [and the authors] (McGraw-Hill practical guidance ser) McGraw '55 incl bibliog
- Ewing, Alexander William Gordon, ed. Educational guidance and the deaf child. Volta '5-? p333-8
- Florida. University. College of education. Education library. Guidance and the classroom teacher. (Bibliog. no 15) The library '56 6p
- Same. rev ed (Bibliog. no37) The library '59 7p
- Foster, Charles Richard. Guidance for today's schools. Ginn '57 p343-51
- Gordon, Ira Jay. Teacher as a guidance worker; human development concepts and their application in the classroom. (Exploration ser. in education) Harper '56 incl bibliog
- Guidance and counseling; reviews the literature for the three year period since Apr. 1954. R Educ Res 27:161-236 Ap '57
- Guide to guidance; a sel. bibliog. of 1956[-1958] pubs. of interest to deans, counselors, advisers, teachers, and administrators. (V 19-21) Syracuse univ. press '57-'59 3v annot

- PERSONNEL service in education—Continued**
 Hahn, Milton Edwin, and MacLean, Malcolm S. Counseling psychology. 2d ed McGraw '55 incl. bibliog
 Haley, Tenison. Classroom teacher in the guidance program. (Curriculum bul. no 179) School of education, Univ. of Ore. '57 p30-2
 Hardee, Melvane Draheim, ed. Counseling and guidance in general education; ed. under sponsorship of the Nat. com. on general education, Assn. for higher education, Nat. education association. (Professional bks. in education) World bk. '55 p427-34
 Hendrickson, H. C. Secondary-school principal—key to a good guidance program. Nat. Assn Sec School Prin Bul 41:199-201 F '57
 Hutson, Percival Winterburn. Guidance function in education. Appleton '58 incl bibliog
 Jennings, Helen Hall. Sociometry in group relations; a manual for teachers. 2d ed Am. council on education '59 p 100-2
 Johnson, D. G. What keeps the student personnel worker going? Personnel & Guid J 34:101 O '55
 Johnston, Edgar Grant, and others. Role of the teacher in guidance. Prentice-Hall '59 incl bibliog
 Kelley, Janet Agnes. Guidance and curriculum. (Prentice-Hall education ser) Prentice-Hall '55 p453-67
 Knapp, Robert Henry. Guidance in the elementary school. Allyn '59 incl bibliog
 Leonard, Eugenie (Andruss). Origins of personnel services in American higher education. (Minn. lib. on student personnel work) Univ. of Minn. press '56 p 133-42
 McDaniel, Henry Bonner, and Shaffel, George Armin. Guidance in the modern school. (Dryden press professional bks. in education) Dryden '56 incl bibliog
 McKinney, Fred. Counseling for personal adjustment in schools and colleges. Houghton '58 p537-75
 McMurray, Helen B. Personnel services in Catholic four year colleges for women. (Catholic univ. of Am. Educational research monographs, v20, no4) Catholic univ. of Am. press '58 p 157-65
 Martinson, Ruth, and Smallemburg, Harry. Guidance in elementary schools. Prentice-Hall '58 p306-8
 Marzolf, Stanley Smith. Psychological diagnosis and counseling in the schools. Holt '56 incl bibliog
 Mathewson, Robert Hendry. Guidance policy and practice. rev ed (Education for living ser) Harper '55 incl bibliog
 Mortensen, Donald Grant, and Schmuller, Allen M. Guidance in today's schools. Wiley '59 incl bibliog
 Ohlsen, M. M. and others. Counseling and adjustment. R Educ Res 26:303-7 Je '56
 Peters, Herman Jacob, and Farwell, Gail F. Guidance: a developmental approach. (Rand McNally education ser) Rand McNally '59 incl bibliog annot
 Peters, H. J. and Farwell, G. F. Basic library for the school counselor. Nat. Assn Sec Sch Prin Bul 41:80-1 N '57
 Peterson, Dora W. Reading list on student personnel work; a sel. bibliography. Western personnel inst. '55 16p
 Rotheby, John Watson Murray, and others. Measurements for guidance. (Exploration ser. in education) Harper '59 incl bibliog
 Saalfeld, Lawrence J. Guidance and counseling for Catholic schools. Loyola univ. press '58 incl bibliog
 Saum, J. A. Current events and materials in guidance. Calif J Sec Educ 33:222-3 Ap '58
 Schmidt, L. G. Two-year evaluation of the internship in guidance program at Indiana university. Ind Univ Sch Ed Bul 32:62-6 Mr '56
 Sechrest, Carolyn A. New dimensions in counseling students; a case approach. Teachers college '58 p 116-19
 Sinick, D. and Hoppock, R. Research on the teaching of occupations, 1945-1951[-1956-1958] Personnel & Guid J 32:147-50; 33:86-9; 35: 155-60; 38:150-5 N '53, O '54, N '56, O '59
 Syracuse university. School of education. Guidance in the age of automation; lectures and summaries of lectures in a workshop held during the summer sessions of the School in 1956, celebrating the 25th anniversary of the graduate program in student personnel work for women; ed. by M. Eunice Hilton. Syracuse univ. press '57 incl bibliog

- Topetzes, N. J. Program for the selection of trainees in physical medicine. J Exp Educ 25:307-11 Je '57
 Traxler, Arthur Edwin. Techniques of guidance. rev. ed (Education for living ser) Harper '57 incl bibliog
 United States. Office of education. Partial bibliography of materials related to international education, prepared by Thomas E. Cotner and John W. Grissom; rev. to July 1953, by Frank A. Knapp. Teacher programs branch, Div. of int. education '54 104p
 Virginia. Department of education. Guidance handbook. The department '51 incl bibliog
 Wall, William Douglas, ed. Psychological services for schools. (UNESCO inst. for education. Pubs, no3) N univ. press '56 p 144-7
 Warters, Jane. High school personnel work today. 2d ed McGraw '56 incl bibliog
 Western personnel institute. Reading list on student personnel work; a sel. bibliog. comp. by Dora W. Peterson. The institute '55 16p
 Willey, Roy DeVerl, and Andrew, Dean C. Modern methods and techniques in guidance. (Education for living ser) Harper '55 incl bibliog
 Willey, Roy DeVerl, and Strong, W. Melvin. Group procedures in guidance. (Education for living ser) Harper '57 incl bibliog
 Wrenn, C. G. Status and role of the school counselor. Personnel & Guid J 36:182-3 N '57
 Year book of education, 1955: guidance and counseling; joint eds: Robert King Hall and J. A. Lauwerys; prepared under the auspices of the Univ. of London inst. of education and Teachers college, Columbia university. World bk. '56 incl bibliog
 Zeran, Franklin Roylton, ed. Life adjustment education in action; a symposium. Chartwell '53 incl bibliog
- PERSPECTIVE**
 Myerscough-Walker, Raymond. Perspectivist. Pitman '58 p245-8
 See also
 Proportion (art)
- PERSUASION (psychology)**
 Abelson, Herbert Irving. Persuasion: how opinions and attitudes are changed. Springer pub. '59 p 105-13
 Janis, Irving Lester, and others. Personality and persuasibility. (Yale studies in attitude and communication, v2) Yale univ. press '59 p325-33
- PERSUASION (rhetoric)**
 Oliver, Robert Tarbell. Psychology of persuasive speech. 2d ed Longmans '57 incl bibliog
- PERU**
 Hamburg. Welt-wirtschafts-archiv. Bibliothek. Ecuador, Peru, Bolivien; stand: Oktober 1957. (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abt. no 14) The library '58 119p
 Patterson, J. E. Manuscripts relating to Peru in the Yale university library. Hispan Am Hist R 36:243-62 My '56
- Antiquities**
 Conferencia de ciencias antropológicas, Universidad de San Marcos, Lima, 1951. Conferencia de ciencias antropológicas; homenaje al IV centenario de la fundación de la Universidad, 1551-1951; I. Actas y trabajos. Ed. médica peruana. '55 incl bibliog
 Espejo Núñez, J. Bibliografía básica de arqueología andina. Bol Bibliog 22:6-12; 23: 87-95 D '52-D '53
 Espejo Núñez, J. Publicaciones arqueológicas sobre el Perú en 1957. Anuario Cultural Perú 1957:26-7 '57
 Rydén, Stig. Andean excavations; v 1. The Tiahuanaco era east of Lake Titicaca. (Monograph ser. Pub. no4) Ethnographical museum of Sweden '57 p 196-8
 VanStan, Ina. Problems in pre-Columbian textile classification. (Studies, no29) Fla. State univ. Tallahassee '58 p 111-15
 Von Hagen, Victor Wolfgang. Highway of the sun. Duell '55 p309-14
- Description and travel**
 Cieza de León, Pedro de. Incas; tr. by Harriet de Onís; ed. with an introd. by Victor Wolfgang von Hagen. (Civilization of the Am. Indian ser, v53) Univ. of Okla. press '59 p377-81
 Reparaz, G. de. Zone aride du Pérou. Geog Ann 40 no 1:60-2 '58

PERU—Continued

History

- Cieza de León, Pedro de. Incas; tr. by Harriet de Onis; ed. with an introd. by Victor Wolfgang von Hagen. (Civilization of the Am. Indian ser. v53) Univ. of Okla. press '59 p377-81
- Moore, Sally Falk. Power and property in Inca Peru. Columbia univ. press '58 p 177-83
- Rowe, J. H. Incas under Spanish colonial institutions. Hispan Am Hist R 37:191-9 My '57

Sources

- Lohmann Villena, G. Notes on Prescott's interpretation of the conquest of Peru. Hispan Am Hist R 39:51-69 F '59

PERU in music

- Sixto Prieto, Juan. El Perú en la música escénica. The author '55 p348-51

PERUVIAN manuscripts. See Manuscripts, Peruvian

PESTALOZZI, Johann Heinrich, 1746-1827

- Fischer, Gerard. Johann Michael Sailer und Johann Heinrich Pestalozzi; der einfluss der Pestalozzischen bildungslehre auf Sailer's pädagogik und catechetik unter mitberücksichtigung des verhältnisses Sailer's zu Rousseau, Basedow, Kant. (Untersuchungen zur theologie der seelsorge, v7) Herder '54 p349-55
- Klee, Erich. Die familienerziehung bei Pestalozzi: eine handreichung für unsere zeit. Tobler '55 p227-8
- Werner, Gertrud. Die symbole Pestalozzis. Haupt '54 p 196-202

PESTICIDES

- Allen, W. W. and others. Effectiveness of various pesticides against the cyclamen mite on strawberries. J Econ Entom 50: 652 O '57
- De Ong, Elmer Ralph. Chemistry and uses of pesticides. 2d ed Reinhold '56 incl bibliog
- Hagen, K. S. and Smith, R. F. Chemical and biological methods of pest control. Ag Chem 13:91-2 JI '58
- National research council. Chemistry subcommittee. Annotated bibliography of analytical methods for pesticides. (Pub. 241) The council '52-'54 2v
- St John, J. L. and Westlake, W. E. Pesticides. Anal Chem 27:658-60; 29:683; 31:729 Ap '55, Ap '57, Ap '59

PESTS

See also

Agricultural pests

PÉTAÏN, Henri Philippe Bénoni Omer, 1856-1951

- Héring, Pierre. La vie exemplaire de Philippe Pétaïn. Paris-Livres '56 p 153-64

PETER Chrysologus, Saint, 406-450?

- McGlynn, Robert Henry. Incarnation in the sermons of Saint Peter Chrysologus. (Dissertationes ad lauream, 25) Saint Mary of the Lake '56 p 146-50

PETER Damian, Saint, 1007?-1072

- Dressler, Fridolin. Petrus Damiani, leben und werk. (Studia anselmiana, philosophica, theologica, no34) Herder '54 p ix-xviii

PETER, Karl, 1870-1955

- Pfuhl, W. Karl Peter. Anat Anz 102:239-44 N '55

PÉTERFI, Tibor, 1883-1953

- Kiss, F. Tibor Péterfi, 1883-1953; ein nachruf. Anat Anz 103:229-32 JI '56

PETERS, John Punnett, 1887-1955

- Paul, J. R. and Long, C. N. H. John Punnett Peters. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p363-75)

PETERSEN, Nis, 1897-1943

- Johansen, Frits. Nis Petersen, bibliografi. Jørgensens bogtr. '53 71p

PETIOT, Henry Jules Charles. See Daniel-Rops, H.

PETRARCH, Francesco, 1304-1374

- Sacchetto, Aleardo. Il pellegrino viandante: itinerari italiani ed europei di Francesco Petrarca. Le Monnier '55 p31-6

PETRI, Svend, 1895-

- Dissertationes in honorem Svenonis Petri, sexagenarii, ab amicis, discipulisque misae, 1895-18/7-1955. (Acta pathologica et microbiologica scandinavica. Sup 105) Munksgaard '55 p 11-15

PETRIFIED forests

- Ransom, Jay Ellis. Petrified forest trails; a guide to the petrified forests of Am; a handbook for the collector of petrified woods. Mineralogist pub. co. '55 p80

PETRIK, Géza, 1845-1925

- Köhalmi, B. Petrik Géza, 1845-1925. Könyvtáros 6:185-7 Mr '56

PETROCHEMICALS. See Petroleum chemicals

PETROGLYPHS

- Kühn, Herbert. Die felsbilder Europas. Europa verlag '52 p297-300
- Sanilac petroglyphs. (Bul. no36) Cranbrook inst. of science '58 p46-7

PETROLEUM

- API technical abstracts. Am. petroleum inst. See numbers

- Abstracts. See numbers of Institute of petroleum. Journal

- American chemical society. Division of chemical literature. Literature of the combustion of petroleum; a coll. of papers presented at the symposium on the literature of the combustion of petroleum held by the Division and the Div. of petroleum chemistry at the 129th nat. meeting of the Society in Dallas, Tex., Apr. 1956. (Advances in chemistry ser. no20) The society '58 295p

- American petroleum institute. Division of production. Index of Division of production papers, 1927 to 1953, incl. The institute '54 134p

- Ball, J. S. and others. API research project 52; nitrogen constituents in petroleum. Am Pet Inst Proc 34(6):157 '54

- Davis, J. B. and Updegraff, D. M. Microbiology in the petroleum industry. Bact R 18:234-8 D '54

- Hodgson, G. W. and Baker, B. L. Vanadium, nickel and porphyrins in thermal geochemistry of petroleum. Am Assn Pet Geol Bul 41:2425-6 N '57

- Institute of petroleum, London. Library. Catalogue. The institute '56 87p

- Institute of petroleum. Reviews of petroleum technology, covering 1949[1952-1954] (V 11-14) The institute '52-'55 4v

- Johnson, Arthur Menzies. Development of American petroleum pipelines; a study in private enterprise and public policy, 1862-1906; pub. for the Am. historical association. Cornell univ. press '56 p287-93

- Levin, H. and Le Tourneau, R. L. Petroleum. Anal Chem 27:604-6; 29:692-7; 31:742-9 Ap '55, Ap '57, Ap '59

- National petroleum bibliography. The periodical. See numbers

- Olcock, A. F. and Pöhl, H. Hilfsbuch für mineralöltechniker; stoffkonstanten und berechnungsunterlagen für apparatebauer, ingenieure, betriebsleiter und chemiker der mineralölindustrie. Springer '51-'55 2v incl bibliog

- Petroleum sourcebook, 1958; a regional bibliog. of petroleum information. Nat. petroleum bibliog. '58 179p

- Recent developments and notes. See numbers of Fuel

- Spangler, Miller B. New technology and the supply of petroleum; the treatment of uncertainty in resources planning. (Program of education and research in planning. Research paper, no2) Univ. of Chicago '56 p294-9

- United States. Bureau of mines. Selected list of publications on petroleum, natural gas, and helium. Petroleum experiment station '52 125p

- Universal oil products company. Research laboratories. Library. Library bulletin of abstracts. The library. See numbers

- Wallach, Kate. List of materials on oil and gas in the Louisiana state university libraries; for the exclusive use of participants in the Inst. on mineral law, Feb. 13 and 14, 1953. La. state univ. '53 68p

- Oil and gas bibliography supplement, 1953-1954. Law lib, La. state univ. '55 83p

See also

- Gasoline
Oil fuel
Oil shales

Analysis

- American chemical society. Division of petroleum chemistry. Symposium on spectroscopy in the petroleum industry, Apr. 4 to 7, 1955, Cincinnati. (Symposium no32) The division '55 incl bibliog

PETROLEUM—Analysis—Continued

American society for testing materials. Committee D-2 on petroleum products and lubricants. Research division IV on hydrocarbon analysis. Symposium on composition of petroleum oils, determination and evaluation; held at New Orleans, La, Feb. 8 and 9, 1957. (ASTM special technical pub. no224)

The society '58 incl bibliog
LeMaire, G. W. Study of structures of molecular complexes found in heavy petroleum fractions. *Colo Sch Mines Q* 53: 75-7 O '58

Thode, H. G. and others. Sulphur isotope abundances in petroleum and associated materials. *Am Assn Pet Geol Bul* 42:2640-1 N '58

Gas mixtures

Campbell, J. M. Problems of multiphase pipeline flow. *Oil & Gas J* 55:151-2 N 4 '57

Geology

American association of petroleum geologists. Habitat of oil: a symposium; incl. papers presented at the 40th annual meeting of the Association, at New York, March 28-31, 1955, and some additional papers; analytically reviewed and ed. by Lewis G. Weeks. The association '58 incl bibliog
Burwash, R. A. Reconnaissance of subsurface Precambrian of Alberta. *Am Assn Pet Geol Bul* 41:102-3 Ja '57

Corbett, C. S. In situ origin of McMurray oil of northeastern Alberta and its relevance to general problem of origin of oil. *Am Assn Pet Geol Bul* 39:1620-1 Ag '55

Dessanti, R. N. Geologic outline of natural regions of Mendoza, Argentina. *Am Assn Pet Geol Bul* 42:2639-91 N '58

Hau, John D. and LeRoy, Leslie Walter, eds. Subsurface geology in petroleum exploration: a symposium. *Colo. school of mines* '58 incl bibliog

Jillson, Willard Rouse. Bibliography on the geology of oil and gas in Kentucky; bks, pamphlets, reps, articles, technical papers and state maps, 1829-1956. Roberts print co. '56 35p

Karfsev, A. A. and others. Geochemical methods of prospecting and exploration for petroleum and natural gas; English tr. ed. by Paul A. Witherspoon and William D. Romey. Univ. of Calif. press '59 incl bibliog

Levorsen, Arville Irving. Geology of petroleum. (Ser. of geology texts) Freeman '54 incl bibliog

Monitor; an indexed abstract of the petroleum press. Monitor pub. co. See numbers

Reviews and new publications. See numbers of American association of petroleum geologists. Bulletin

Sandberg, C. A. and Hammond, C. R. Devonian system in Williston basin and central Montana. *Am Assn Pet Geol Bul* 42:2333-4 O '58

Stevens, N. P. Origin of petroleum—a review. *Am Assn Pet Geol Bul* 40:60-1 Ja '56

Stewart, H. B. Sedimentary reflections of depositional environment in San Miguel lagoon, Baja California, Mexico. *Am Assn Pet Geol Bul* 42:2616-18 N '58

Taylor, D. E. Developments in West Coast area in 1954. *Am Assn Pet Geol Bul* 39: 1091 Je '55

Walters, R. F. Differential entrapment of oil and gas in Arbuckle dolomite of central Kansas. *Am Assn Pet Geol Bul* 42:2172-3 S '58

Weller, J. M. Compaction of sediments. *Am Assn Pet Geol Bul* 43:306-10 F '59

See also

Gas. Natural—Geology
Petroleum—Prospecting

Production methods

Interstate oil compact commission. Secondary recovery and pressure maintenance committee. More oil for America; significance of fluid injection operations in the U.S.; a panel discussion presented by the chairman and members of the Committee, Denver, June 18, 1955. The commission '55 incl bibliog

Johansen, R. T. and others. Detergents for petroleum displacement. *Soap & Chem Spec* 31:81 O '55

Jordan, J. K. and others. Effect of rate on oil recovery by water flooding. *Oil & Gas J* 55: 130 My 13 '57

Russell, C. D. New methods show promise of increasing oil recovery. *World Oil* 146: 134 Mr '58

Russell, C. D. Two ways to better oil recovery. *Oil & Gas J* 56:121 F 10 '58

Uren, Lester Charles. Petroleum production engineering; oil field development. 4th ed McGraw '56 incl bibliog

Watkins, J. W. New trends in treating waters for injection. *World Oil* 146:150 Ja '58

Prospecting

McNeal, R. P. Lithologic analysis of sedimentary rocks. *Am Assn Pet Geol Bul* 43: 878-9 Ap '59

Refining

See Petroleum refining

Synthetic process

See Synthetic process

Well boring

Kemler, Emory Neudeck. Hydraulic pumping; a patent and literature survey of hydraulic pumping of oil wells. Summary reps. '55 1v
Moore, P. L. 5 factors that affect drilling rate. *Oil & Gas J* 56:170 O '58

Rueil, France. Ecole nationale supérieure du pétrole et des moteurs à combustion interne. Introduction à la technique des boues de forage. Soc. des éds. techniques '58 incl bibliog

Tulsa. Public library. Technical division. Off-shore operations. (Petroleum bibliog. no37) The division '56 27p

Well logging

Caldwell, R. L. Using nuclear methods in oil-well logging. *Nucleonics* 16:65 D '58

De Witte, A. J. Saturation and porosity from electric logs in shaly sands. *Oil & Gas J* 55:121 Ap 15 '57

Hamilton, R. G. and Charrin, P. Quantitative log analysis. *Oil & Gas J* 54:199 N '56

Colorado

Hoffman, F. H. Possibilities of Weber stratigraphic traps, Rangely area, northwest Colorado. *Am Assn Pet Geol Bul* 41:904-5 My '57

Kentucky

Jillson, Willard Rouse. Bibliography on the geology of oil and gas in Kentucky; bks, pamphlets, reps, articles, technical papers and state maps, 1829-1956. Roberts print co. '56 35p

New Mexico

Tomkins, J. Q. Bisti oil field, San Juan county, New Mexico. *Am Assn Pet Geol Bul* 41:921-2 My '57

Nova Scotia

Kelley, D. G. Mississippian stratigraphy and Breton possibilities of central Cape Breton island, Nova Scotia. *Can Min & Met Bul* 51:351 Je '58

Pacific Coast

Taylor, D. E. Developments in West Coast area in 1954. *Am Assn Pet Geol Bul* 39: 1091 Je '55

Pennsylvania

Dolson, Hildegard. Great oilfields; the gaudy and turbulent years of the first oil rush: Pennsylvania, 1859-1880. Random house '59 p299-300

Texas

Texas petroleum research committee. Oil resources of Texas; a reconnaissance survey of primary and secondary reserves of oil, by George H. Fancher [and others] The committee '54 [i.e. '55] p 11-16

Utah

Heylman, E. B. Paleozoic stratigraphy and oil possibilities of Kaiparowits region. *Utah. Am Assn Pet Geol Bul* 42:1811 Ag '58

PETROLEUM chemicals

Linden, H. R. and Reid, J. M. New data for making petrochemicals. *Pet Refiner* 35:195 Je '56

Reid, J. M. and others. Production of petrochemicals from natural gas and natural gas liquids; presented at Chemical, engineering and manufactured gas production conference, New York, N.Y., May 23-25, 1955. Am. gas assn. '55? p 14-15

PETROLEUM engineering

Craft, Benjamin Cole, and Hawkins, Murray F. Applied petroleum reservoir engineering. (Prentice-Hall chemical engineering ser.) Prentice-Hall '59 incl bibliog
De Witte, A. J. Saturation and porosity from electric logs in shaly sands. *Oil & Gas J* 55: 121 Ap 15 '57

Haun, John D. and LeRoy, Leslie Walter, eds. Subsurface geology in petroleum exploration: a symposium. Colo. school of mines '58 incl bibliog

Illinois. State geological survey. Symposium on waterflooding, held at Urbana, Ill. Oct. 28-30, 1956. (Bul. 80) The survey '57 incl bibliog

Kemler, Emory Neudeck, and Rosencrants, Edward William. Offshore summary. Summary repts. '54 122p at end

Kemler, E. N. and others. Mechanical engineering progress in the petroleum industry. *Mech Eng* 76:640-8 Ag '54 incl bibliog

London. Science museum. Science library. Some references to control systems and equipment for petroleum pipeline pumping stations. (Bibliog ser, no757) The library '57 5p

Monitor; an indexed abstract of the petroleum press. Monitor pub. co. See numbers

Orlicek, A. F. and Pöll, H. Hilfsbuch für mineralöltechniker, stoffkonstanten und berechnungsunterlagen für apparatebauer, ingenieure, betriebsleiter und chemiker der mineralölindustrie. Springer '51-'55 2v incl bibliog

Petroleum production technology; proceedings of the Conference of the Am. inst. of mining, metallurgical, and petroleum engineers held Jan. 9-10, 1956, at College Station, Texas. Tex. A. & M. college system; Tex. engineering experiment station '56 incl bibliog

Texas. Railroad commission. Engineering department. Survey of secondary recovery and pressure maintenance operations in Texas to 1952. The department '52? p 119-27

See also

Oil wells

PETROLEUM industry and trade

API technical abstracts. Am. petroleum inst. See numbers

Bennett, Murray Allan. Assessment and reduction of risks in the formation of an oil producing company. (Minerals industries experiment station Contribution no56-32) Dept. of mineral economics, Graduate school, Pa. state univ. '58 p 109-11

Cookerbo, Leslie J. Crude oil pipe lines and competition in the oil industry. (Harvard univ. ser. on competition in Am. industry, 2) Harvard univ. press '55 p 171-2

Katell, Sidney. Bibliography of investment and operating costs for chemical and petroleum plants, July 1954-December 1956. (Information circ. 7847) U.S. Bur. of mines '58 100p

Lytle, W. S. Developments in Pennsylvania in 1956. *Am Assn Pet Geol Bul* 41:1019-20 Je '57

Shell oil company of Canada, limited. Chemical division. Canadian petrochemical industry. Ryerson press '56 incl bibliog

Whalley, Muriel E. Selected bibliography on water pollution caused by the petroleum industry. (T.I.S. rep, no47) Technical information service, Nat. research council '56 13p

Zimmermann, Erich Walter. Conservation in the production of petroleum; a study in industrial control. (Petroleum monograph ser, v2) Yale univ. press '57 p396-403

Safety measures

Armistead, George. Safety in petroleum refining and related industries. 2d ed Simmonds '59 incl bibliog

France

Gasquet, Georges de. L'industrie française de raffinage du pétrole. évolution & structure. La Pensée univ. '57 p375-81

Mexico

Powell, Jack Richard. Mexican petroleum industry, 1938-1950. (Calif. Univ. Bur. of business and economic research, Pubs) Univ. of Calif. press '56 p257-61

Middle East

Shwadran, Benjamin. Middle East, oil, and the great powers. (Bks. that matter) Praeger '55 p446-79 annot
—Same. 2d ed rev Council for Middle Eastern affairs press '59 p462-503

Rumania

Jordan, Constantin N. Romanian oil industry. Free Europe com, Mid-European studies center) N.Y. univ. press '55 p349-50

Russia

Krylov, A. P. and others. How USSR has doubled production in the past 5 years. *Oil & Gas J* 57:157 Je 8 '59

United States

Hamilton, Daniel Corning. Competition in oil; the Gulf Coast refinery market, 1925-1950. Harvard univ. press '58 p221-30

PETROLEUM pipelines

Baker, O. Multiphase flow in pipelines. *Oil & Gas J* 56:165+ N 10 '58
Campbell, J. M. Problems of multiphase pipeline flow. *Oil & Gas J* 55:151-2 N 4 '57
Kemler, E. N. and others. Mechanical engineering progress in the petroleum industry. *Mech Eng* 76:640-8 Ag '54 incl bibliog

PETROLEUM products

Astle, Melvin Jensen. Chemistry of petrochemicals. Reinhold '56 incl bibliog
Shell oil company of Canada, limited. Chemical division. Canadian petrochemical industry. Ryerson press '56 incl bibliog

See also

Bituminous materials

PETROLEUM refining

API survey shows few amine corrosion problems. *Pet Refiner* 37:281-3 N '58
Armistead, George. Safety in petroleum refining and related industries. 2d ed Simmonds '59 incl bibliog
Bolles, W. L. Optimum bubble-cap tray design. *Pet Process* 11:80 F '56
Hydrogen reference data. *Pet Process* 11:136-8 N '56

Kalichevsky, Vladimir Anatole, and Kobe, Kenneth Albert. Petroleum refining with chemicals. Elsevier '56 p654-60

Kay, H. What hydrogen treating can do. *Pet Refiner* 35:317-18 S '56

Kemler, E. N. and others. Mechanical engineering progress in the petroleum industry. *Mech Eng* 76:640-8 Ag '54 incl bibliog

LeMaire, G. W. Study of structures of molecular complexes in heavy petroleum fractions. *Colo Sch Mines Q* 53:75-7 O '58

Lenoir, J. M. and White, G. A. Predicting convergence pressure. *Pet Refiner* 37:181 Mr '58

McConomy, H. F. Literature survey of corrosion in cooling water systems—1940-1953. *Am Pet Inst Proc* 35(3):32-79 '55 annot

Process reference list—1947. *Pet Process* 11: 101-3 Ag '56

Selected process article listing, 1955-1956. *Pet Process* 11:143-5; 12:81-3 N '56, Ja '57

Tulsa. Public library. Technical division. Treatment of crude oil. (Petroleum bibliog. no39) The division '59 22p

Weber, G. How isotopes work for refiners. *Oil & Gas J* 55:100 S 23 '57

See also

Petroleum waste

PETROLEUM research

American chemical society. Petroleum research fund advisory board. Abstracts of research financed by the Petroleum research fund, 1954/56[-1958] The fund '57-'59 3v

PETROLEUM waste

Pursell, W. L. and Ferguson, T. W. New oil-reclamation and waste-disposal facilities. *Am Pet Inst Proc* 34(3):195 '54

PETROLOGY

Bennington, K. O. Role of shearing stress and pressure in differentiation as illustrated by some mineral reactions in the system $MgO-SiO_2-H_2O$. *J Geol* 64:576-7 N '56

Hsu, Kenneth Jinghwa. Granulites and mylonites of the region about Cucamonga and San Antonio canyons, San Gabriel mountains, California. (Calif. Univ. Pubs. in geological sciences, v30, no4) Univ. of Calif. press '55 p317-24

PETROLOGY—Continued

- Rukhin, L. B. Bases de la lithologie; étude des formations sédimentaires; tr. Pietresson de Saint-Aubin. (Annales, no 9) Centre d'études & de doc. paléontologiques '55 3v v2, p469-76
- Schmucker, Ulrich. Gesteinsmagnetische Untersuchungen und experimente am basalt des Steinberges bei Barlissen. (Akad. der wissenschaften, Göttingen. Mathematisch-physikalische klasse, Abh. ser3, no26) Vandenhoeck & Ruprecht '57 p87-8
- Termier, Henri, and Termier, Geneviève. L'évolution de la lithosphère. (Traité de géologie) Masson '56 incl bibliog
- See also
Crystallography
Geochemistry
Geology
Mineralogy
Rocks
Tekites

History

- Loewinson-Lessing, François l'U'evich. Historical survey of petrology; tr. from the Russian by S. I. Tomkeieff. Oliver '54 p82-100

Argentina

- Teruggi, M. E. Nature and origin of Argentine loess. J Sed Petrol 27:331-2 S '57

California

- Shelton, J. S. Glendora volcanic rocks, Los Angeles basin, California. Geol Soc Am Bul 66:88-9 Ja '55

Illinois

- Rusnak, G. A. Fabric and petrologic study of the Pleasantview sandstone. J Sed Petrol 27:54-5 Mr '57

India

- Radhakrishna, B. P. Closepet granites of Mysore state, India. Mysore geologists' assn. '56 p 106-10

New England

- Cameron, Eugene Nathan, and others. Pegmatite investigations, 1942-45, New England. (U.S. Geological survey. Professional paper 255) U.S. Gov. ptg. office '54 p341-7

New South Wales

- Wilkinson, J. F. G. Petrology of a differentiated teschenite sill near Gunnedah, New South Wales. Am J Sci 256:36-9 Ja '58

North America

- Wilcox, R. E. and Poldervaart, A. Metadolerite dike swarm in Bakersville-Roan mountain area, North Carolina. Geol Soc Am Bul 69:1365-7 N '58

Spain

- Fúster Casas, José María, and others. Análisis químicos de rocas españolas publicadas hasta 1952; con un prólogo por Maximino San Miguel de la Cámara. (Monografías, no 14) Inst. de investigaciones geológicas Lucas Mallada, Consejo superior de investigaciones científicas '54 p 135-9

Texas

- Todd, T. W. and Folk, R. L. Basal clauborne of Texas, record of Appalachian tectonims during eocene. Am Assn Pet Geol Bul 41: 2565-6 N '57

PETS

- Brown, Vinson. How to make a miniature zoo. rev ed Little '57 p 197-204 annot

PETTY, Sir William, 1623-1687

- Strauss, E. Sir William Petty; portrait of a genius. Bodley Head '54 p233-6

PEUCKERT, Will Erich, 1895-

- Dölker, Helmut, ed. Festschrift für Will Erich Peuckert zum 60. geburtstag dargebracht von freunden und schülern. Schmidt '55 p 162-4

PEYOTE

- Aberle, David Friend, and Stewart, Omer Call. Navaho and Ute peyotism; a chronological and distributional study. (Col. Univ. Studies. Ser. in anthropology, no6) Univ. of Colo. press '57 p 126-9

- Slotkin, James Sydney. Peyote religion; a study in Indian-white relations. Free press '56 p 143-87

PEYREFITTE, Roger, 1907-

- Ouvres de Roger Peyrefitte. Biblio 27:11 My '59

PFEIFFER, Richard, 1858-1945

- Fildes, J. Richard Friedrich Johannes Pfeiffer, 1858-1945. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p244-7)

- PFENNINGER, Hans Felix, 1886-
Strafprozess und rechtsstaat; festschrift zum 70. geburtstag von Prof. Dr. H. F. Pfenniger. Schulthess '56 p223-31

PFISTER, Christian, 1857-1933

- Rousseau, L. Bibliographie des œuvres lorraines de Christian Pfister. Ann Est 8 no3: 219-28 '57

PHAGOCYTES and phagocytosis

- Suter, E. Interaction between phagocytes and pathogenic microorganisms. Bact R 20: 118-32 Je '56

PHARMACEUTICAL chemistry. See Chemistry, Medical and pharmaceutical**PHARMACEUTICAL industry. See Drug trade****PHARMACISTS****Biography**

- Zekert, Otto. Berühmte apotheker. Deutscher apotheker-verlag '55 incl bibliog

PHARMACOGNOSY

- Hocking, George Macdonald. Dictionary of terms in pharmacognosy and other divisions of economic botany; a comp. of words and expressions relating principally to natural medicinal and pharmaceutical materials and the plants and animals from which they are derived, their chemical composition, applications, and uses, together with some other materials derived from the plant, animal, and mineral kingdoms of current economic interest. Thomas '55 p254-68

PHARMACOLOGY

- Beckman, Harry. Drugs; their nature, action and use. Saunders '58 incl bibliog

- Conference on neuropharmacology. Neuropharmacology; transactions of the 2d-4thl Conference, 1955f-1957f Macy '56-'59 3v

- Drill, Victor Alexander, ed. Pharmacology in medicine, a collaborative textbook. 2d ed McGraw '58 incl bibliog

- Drugs of choice, 1958/59. Mosby '58 incl bibliog

- Goodman, Louis Sanford, and Gilman, Alfred Zack. Pharmacological basis of therapeutics; a textbk. of pharmacology, toxicology, and therapeutics for physicians and medical students. 2d ed Macmillan '55 incl bibliog

- Oatfield, H. and Emilio, B. R. Some aspects of searching in the pharmaceutical literature. Am Doc 9:238-72 O '58

- United States. Office of naval research. Annotated bibliography and critical review of drugs and performance [by] Physiological psychology branch, Psychological sciences division. (ONR rep. ACR-29) The office '58 84p

- West, G. B. Comparative pharmacology of the suprarenal medulla. Q R Biol 30:134-7 Je '55

See also

- Chemistry, Medical and pharmaceutical
Drugs
Materia medica

Periodicals

- Van Luik, James, ed. and others. Analysis of 150 chemical and technical journals, and a guide to the pharmacological literature. Purdue univ '56 1v

PHARMACOPŒIAS

- Lloyd, J. U. and others. Catalogue of the pharmacopœias, dispensaries, formularies, and allied publications (1493-1957) in Lloyd library. Lloydia 20:3-41 Mr '57

- Spencer, M. C. National and international pharmacopœias: a checklist. Med Lib Assn Bul 45:410-20 Jl '57 annot

See also

- Dispensatories

PHARMACY

- Bentley, Arthur Owen. Text-book of pharmaceuticals. rev. by Harold Davis with the collaboration of M. W. Partridge and C. L. Sargent, with contributions by W. A. Broom [and others] 6th ed Baillière '54 incl bibliog

- French bibliographical digest; no24-25 (ser2) Pharmacy, by René Fabre. Cultural center, French embassy '57 2v annot

- Health news institute. New York. Facts about pharmacy and pharmaceuticals. The institute '58 p 109-10

- Lyman, Rufus Ashley, and Sprowls, Joseph B. eds. Textbook of pharmaceutical compounding and dispensing; consulting ed. George Urdang. 2d ed Lippincott '55 incl bibliog

PHARMACY—Continued

Wisconsin. University. Library. Rare book department. Pharmacy through four centuries; guide to an exhibit commemorating the 75th anniversary of the School of pharmacy; prepared by Glenn Sonnedecker and Samuel A. Ives at the Library. Rare bk. dept. Oct. through Dec. 1957. The library '57 28p

See also

Botany, Medical
Dispensatories
Drugs
Pharmacognosy
Pharmacopoeias
Veterinary materia medica and pharmacy

History

American institute of the history of pharmacy. Some bibliographic aids for historical writers in pharmacy; prepared by Glenn Sonnedecker [and] Alex Berman. The institute '58 15p annot

Periodicals

Health news institute, New York. Facts about pharmacy and pharmaceuticals. The institute '58 p 111-12

PHARMACY as a profession

Angel, Juvenal Londono. Careers in the field of pharmacy. (Monograph no32) World trade acad. press '55 p27-8

PHASE rule and equilibrium

Baehr, Hans Dieter. Der kritische zustand und seine darstellung durch die zustands-gleichung. (Akad. der wissenschaften und der literatur, Mainz. Mathematisch-natur-wissenschaftliche klasse. Abh. jahrg. 1953, no6) Steier '54 p95-101

Eilerts, C. Kenneth, and others. Phase relations of gas-condensate fluids; v 1, Test results, apparatus, and techniques. (U.S. Bur. of mines. Monograph 10) Am. gas assn. '57 incl bibliog

Gokcen, N. A. Equilibria in reactions of hydrogen, and carbon monoxide with dissolved oxygen in liquid iron; equilibrium in reduction of ferrous oxide with hydrogen, and solubility of oxygen in liquid iron. J Metals 8:1567 N '56

Michigan. University. College of engineering. Phase behavior of the hydrocarbons; an intensive course in the 1953 summer session [by] Lee O. Case [and others] The college '53? incl bibliog

PHASMATIDAE. See Stick insects

PHASMIDAE. See Stick insects

PHEASANTS

Allen, Durward Leon, ed. Pheasants in North America. Stackpole co; Wildlife management inst. '56 p467-82

PHENOCOPIY

Landauer, W. On phenocopies, their developmental physiology and genetic meaning. Am Natur 92:211-13 J1 '58

Landauer, W. Phenocopies and genotype, with special reference to sporadically-occurring developmental variants. Am Natur 91: 88-90 Mr '57

PHENOLOGY

Johansson, Oscar Vilhelm. Nachträge zu dem phänologischen bande XI der Commentationes biologicae des Societas scientiarum fennica. (Commentationes biologicae, XI, 11) Finska vetenskaps-societeten '54 p9-13

PHENYLTHIOUREA

Hoyne, L. E. Genetics, physiology and phenylthiocarbamide. J Heredity 46:174-5 J1 '55

PHILADELPHIA

History

Tinkcom, Henry Marlin, and others. Historic Germantown; from the founding to the early part of the nineteenth century; a survey of the German township. (Memoirs, v39) Am. philosophical soc. '55 p 144-50 annot

PHILANTHROPY. See Charities

PHILIP, Alexander Philips Wilson, 1770-1847

McMenemey, W. H. Alexander Philips Wilson Philip (1770-1847). J Hist Med 13:326-8 J1 '58

PHILIPPINE ISLANDS

Braganza, José Vincente, and others. Philip-pines in five hours. (Five-hour ser) Catholic students' mission '59 p84-6 annot

Chicago. University. Philippine studies program. Area handbook on the Philippines. prelim ed (Human relations area files. Sub-contractor's monograph, HRAF-16) The university '56 4v v4, p 1776-1832

Chicago. University. Philippine studies program. Selected bibliography of the Philippines, topically arranged and annotated. prelim ed (Behavior science bibliogs) Human relations area files '56 138p

Houston, C. O. Bibliographical note and bibliography. J East Asiatic Stud 4:173-244 Ap '55

Lietz, Paul S. ed. Calendar of Philippine documents in the Ayer collection of the Newberry library. Newberry lib. '56 259p

Newberry library. Chicago. Catalogue of printed materials relating to the Philippine Islands, 1519-1900, in the Library; comp. by Doris Varner Welsh. The library '59 179p annot

Quezon, Philippines. University of the Philippines. Social science research center. Annotated bibliography of Philippine social sciences; comp. [by] Cecilio Lopez [and others] The center '56-'58 2v

Antiquities

Solheim, W. G. Philippine Islands. Asian Perspect 1:105-7 Summer '57

Civilization

Berremann, Gerald D. Philippines: a survey of current social, economic, and political conditions. (Data paper no 19) Southeast Asia program, Dept. of Far Eastern studies, Cornell univ. '56 p47-52

Hart, Donn Vorhis. Philippine plaza complex: a focal point in culture change. (Culture rep. ser) Southeast Asia studies, Yale univ. '55 p52-5

Government publications

Philippines (Republic). Bureau of public schools. Catalogue of publications (as of December 1953) Bureau of print. '54 38p

Philippines (Republic). United Nations educational, scientific and cultural organization national commission. Publications of educational institutions and organizations in the Philippines. (Pub. no5) The commission '54 47p

History

Phelan, John Leddy. Hispanization of the Philippines; Spanish aims and Filipino responses, 1565-1700. Univ. of Wis. press '59 p 199-210 annot

Sources

Lietz, Paul S. ed. Calendar of Philippine documents in the Ayer collection of the Newberry library. Newberry lib. '56 259p

Languages

Thompson, Richard Nelson. Survey study of the languages of the Philippine Islands: their number, type, importance, and location, together with the approximate number of speakers of the principal Christian, pagan, and Mohammedan tongues. Community press '53 p71-84

Politics and government

Romani, John Henry. Philippine presidency. Inst. of public adm. Univ. of the Philippines '56 p228-33

Starner, F. A. Problems of Philippine nationalism. Philippine Social Sci & Humanities R 22:296-8 S '57

Stene, Edwin Otto, and others. Public administration in the Philippines. (Studies in public adm. no2) Inst. of public adm. Univ. of the Philippines '55 incl bibliog

Religion

Stevenson, Dwight E. Christianity in the Philippines; a rep. on the only Christian nation in the Orient. College of the Bible '55 p46-8

PHILIPPINE literature (English)

Yabes, L. Y. Philippine literature in English. 1898-1957; a bibliog. survey. Philippine Social Sci & Humanities R 12:343-434 D '57

PHILOLOGY

Annual bibliography for 1955[1958] PMLA 71: 101-266; 72:133-402; 73:95-364; 74:67-336 Ap '56, Ap '57, Ap '58, Ap '59
 Bibliografia, 1953[1958] R Dialect & Tradic Popul 9 no4:727-58; 10 no4:662-700; 11 no4: 557-99; 12 no4:560-600; 13 no4:551-80; 14 no4:531-58 '53-'57

Deroy, Louis. L'emprunt linguistique. (Liège. Univ. Faculté de philosophie et lettres. Bibliothèque 141) Les Belles lettres '56 p348-425

Guiraud, Pierre. Bibliographie critique de la statistique linguistique; révisée et complétée par Thomas D. Houchin. (Permanent int. com. of linguists. Com. on linguistic statistics. Pub. no2) Editions Spec-trum '54 121p

Irodalomtudományi értesítő. Irodalomtörténeti dokumentációs központ. See numbers

Pisani, Vittore. Allgemeine und vergleichende sprachwissenschaft: Indogermanistik [von] Vittore Pisani; Keltologie [von] Julius Pokorny. (Wissenschaftliche forschungsberichte. Geisteswissenschaftliche reihe, v2) Francke '53 199p

See also

Language and languages
 Literature, Comparative

Periodicals

Eyrd, Milton Bruce, and Goldsmith, Arnold L. Publication guide for literary and linguistic scholars; foreword by William Riley Parker. (Wayne state univ. Detroit. Studies. Humanities. no4) Wayne state univ. press '58 146p

Research in progress

Research in progress in the modern languages and literatures, 1955[1958] PMLA 71:267-345; 73:47-93 Ap '56, Ap '58

PHILOLOGY, Classical. See Classical philology

PHILOLOGY, Modern

See also

German philology
 Germanic philology
 Romance philology
 Slavic philology

PHILOSOPHERS

Istituto di studi filosofici. Bibliografia filosofica italiana dal 1900 al 1950; a cura dell'Istituto e del Centro nazionale di informazioni bibliografiche; con la collaborazione del Centro di studi filosofici cristiani di Gallarate. Edizioni Delfino '50-'57 4v

Schondorff, Joachim, ed. Französische geisteswelt; mit einem geleitwort von Hermann Noack. (Geist des Abendlandes, v 1) Holle '51 p331-45

Winn, Ralph B. American philosophy. Philosophical lib. '55 incl bibliog

PHILOSOPHICAL anthropology

Romero, Francisco. Ubicación del hombre; introd. a la antropología filosófica. (Colección Esquemas, 15) Editorial Columba '54 p69-71

PHILOSOPHY

Analyses et comptes rendus. See numbers of Revue philosophique de la France et de l'étranger

Aufsätze und bücher. See numbers of Scholastik

Bibliografia filosofica italiana, 1949[1955] Centro di studi filosofici cristiani di Gallarate '51-'57 7v

Bibliografisch repertorium. See numbers of Tijdschrift voor filosofie

Bibliographie. See numbers of Freiburger zeitschrift für philosophie und theologie

Bibliography of current philosophical works published in North America. See numbers of Modern schoolman annot

Bronstein, Daniel Jay, and others, eds. Basic problems of philosophy; sel. readings with introductions. 2d ed (Prentice-Hall philosophy ser) Prentice-Hall '55 incl bibliog

Coleburt, Russell. Introduction to western philosophy. Sheed '57 p231-3

Dubois, J. and Gardell, H. D. Bulletin de philosophie générale. R Sci Philos & Théol 40:715-53; 41:455-518; 42:483-520 O '56, JI '57, JI '58

Edwards, Paul, and Pap, Arthur, eds. Modern introduction to philosophy; readings from classical and contemporary sources. (Free press textbks. in philosophy) Free press '57 p619-21 annot

Hanover. Stadtbibliothek. Philosophie; ein verzeichnis von büchern und aufätzen. The library '54 169p

International institute of philosophy. Bibliographie de la philosophie. Vrin. See numbers

Istituto di studi filosofici. Bibliografia filosofica italiana dal 1900 al 1950; a cura dell'Istituto e del Centro nazionale di informazioni bibliografiche; con la collaborazione del Centro di studi filosofici cristiani di Gallarate. Edizioni Delfino '50-'57 4v

Kaufmann, Walter Arnold. From Shakespeare to existentialism; studies in poetry, religion, and philosophy. Beacon press '59 p383-95

Langlois, J. Bulletin de l'actualité philosophique dans le monde: La philosophie au Canada. Archives Philos 19:123-31 JI '56

Leigh, T. R. Annotated bibliography of philosophy books for seminarians. Cath Lib World 30:273-84 F '59

Levi, Albert William. Varieties of experience; an introd. to philosophy. Ronald '57 incl bibliog

Library association. County libraries section. Philosophy. (Readers' guides, new ser, no38) The section '57 32p

Machado Santos, Mariana Amelia. Manuscritos de filosofia do século XVI existentes em Lisboa. Biblioteca da Univ. de Coimbra '51 384p

Mascia, Carmin. History of philosophy. St Anthony guild '57 incl bibliog annot

Mayer, Frederick, and Brower, Frank E. Patterns of a new philosophy; foreword by J. A. Lauwerys. Public affairs press '55 p 110-12

Notices bibliographiques. See numbers of Revue des sciences philosophiques et théologiques

Organ, Troy Wilson, ed. Examined life; an introd. to philosophy. Houghton '56 incl bibliog

Passmore, John. Hundred years of philosophy. Macmillan '57 p479-502

Philosophischer literaturanzeiger; ein referatorgan für die neuerscheinungen der philosophie und ihrer gesamten grenzgebiete. Fr. Frommanns verlag-G. Holzboog. See numbers

Rassegne bibliografiche. See numbers of Rivista critica di storia della filosofia thru 1957

Recension des revues. See numbers of Revue des sciences philosophiques et théologiques

Reese, William L. Ascent from below; an introd. to philosophical inquiry. Houghton '59 p457-62 annot

Reviews [and abstracts] See numbers of Journal of symbolic logic

Revue des revues. See numbers of Revue internationale de philosophie

Revue des revues. See numbers of Revue philosophique de la France et de l'étranger

Scandinavian bibliography. See numbers of Theoria

Société philosophique de Louvain. Répertoire bibliographique de la philosophie; pub. sous les auspices de l'Inst. int. de philosophie, avec le patronage de l'UNESCO. The society. See numbers

Supplément bibliographique. See numbers of Revue des sciences philosophiques et théologiques

Survey of recent philosophical and theological literature. See numbers of Hibbert journal

Theologische und philosophische doktrindis-sertationen der Universität Freiburg (Schweiz) 1953-1954[1956-1957] Freiburger Z Philos & Theol 1:465-6; 2:507-8; 3:461; 4: 473-96 '57

Thèses de doctorat concernant les sciences philosophiques et théologiques soutenues en France pendant l'année 1953[1958] R Sci Philos & Théol 38:381-3; 39:173-5; 40:386-8; 41:370-3; 42:371-4; 43:564-8 Ap '54, Ja '55, Ap '56, Ap '57, Ap '58, JI '59

Totok, Wilhelm. Bibliographischer wegweiser der philosophischen literatur. Klostermann '59 35p

Varet, Gilbert. Manuel de bibliographie philosophique. (Logos; introd. aux études philosophiques) Presses univ. de France '56 2v

Zeitschriftensschau. See numbers of Zeitschrift für philosophische forschung

See also

Causation
 Consciousness
 Cosmology
 Ethics
 God
 Humanism

PHILOSOPHY—Continued

Idealism
 Knowledge, Theory of
 Logic
 Mechanism (philosophy)
 Metaphysics
 Mysticism
 Ontology
 Political philosophy
 Positivism
 Pragmatism
 Psychology
 Semantics (philosophy)
 Space and time
 Transcendentalism
 Unanimism
 also subhead Philosophy under the following subjects
 Biology
 Civilization
 Education
 History
 Law
 Literature
 Mathematics
 Medicine
 Physics
 Religion
 Science

Bibliography

Totok, W. Die bibliographische situation auf dem gebiet der philosophie. *Z Bibl & Bibliog* 5 no 1:29-44 '58

History

Clark, Gordon Haddon. Thales to Dewey: a history of philosophy. Houghton '57 p535-40

Fuller, Benjamin Apthorp Gould. History of philosophy: 3d ed rev by Sterling M. McMurrin. Holt '55 p i-xxvii at end

Jaspers, Karl. Die grossen philosophen: v 1, Die massgebenden menschen: Sokrates, Buddha, Konfuzius, Jesus. Die forzeugenden gründer des philosophierens: Plato, Augustin, Kant. Aus dem ursprung denkende metaphysiker: Anaximander, Heraklit, Parmenides, Plotin, Anselm, Spinoza, Laotse, Nagarjuna. Piper '57 p957-68

Lamprecht, Sterling Power. Our philosophical traditions; a brief history of philosophy in western civilization. (Century philosophy ser) Appleton '55 p514-16 annot

Nivelle, Armand. Les théories esthétiques en Allemagne de Baumgarten à Kant. (Liège. Univ. Faculté de philosophie et lettres. Bibliothèque no 134) Belles lettres '55 p365-91

Thilly, Frank. History of philosophy. 3d ed. rev. by Ledger Wood. Holt '57 incl bibliog

Weiswurm, Alcuin Alois. Nature of human knowledge according to Saint Gregory of Nyssa. (Catholic univ. of Am. Philosophical studies, v 136) Catholic univ. of Am. press '52 p227-39

Periodicals

Istituto di studi filosofici. Bibliografia ragionata delle riviste filosofiche italiane dal 1900 al 1955, a cura di Enrico Zampetti. Rome. Univ. '56 136p

PHILOSOPHY, American

Boman, Lars. Criticism and construction in the philosophy of the American new realism. *Almqvist* '55 p 189-93

Keating, James. Function of the philosopher in American pragmatism. (Catholic univ. of Am. Philosophical studies, v 149) Catholic univ. press '53 p31-6

Winn, Ralph Burchick. American philosophy. Philosophical lib. '55 incl bibliog

PHILOSOPHY, Ancient

Brady, Ignatius. History of ancient philosophy. Bruce pub. '59 p227-37

Dubois, J. and Saffrey, H. D. Bulletin d'histoire de la philosophie ancienne. *R Sci Philos & Théol* 40:264-314; 41:663-83; 42: 79-113 Ap '56. O '57. Ja '58

Kirk, Geoffrey Stephen, and Raven, John Earle. Presocratic philosophers; a critical history with a sel. of texts. Cambridge '57 p446-9

Macklem, Michael. Anatomy of the world: relations between natural and moral law from Donne to Pope. Univ. of Minn. press '58 p97-9

Thomson, George Derwent. Studies in ancient Greek society; v2, The first philosophers. Int. pubs. '55 p349-55

See also

Eleatics
 Philosophy, Greek
 Platonists
 Stoics

PHILOSOPHY, Buddhist

Frauwaller, Erich. Die philosophie des Buddhismus. (Philosophische studentexte. Texte der indischen philosophie. v2) Akademie-verlag '56 p408-17

PHILOSOPHY, Chinese

Brière, O. Fifty years of Chinese philosophy, 1898-1950; tr. from the French by Laurence G. Thompson; pref. by E. R. Hughes. Allen '56 p 144-8 annot

Chan, Wing-tsit. Outline and a bibliography of Chinese philosophy. rev ed The author '55 65p

K'ang, Yu-wei. Ta t'ung shu; the one world philosophy of K'ang yü-wei; tr. from the Chinese with introd. and notes by Laurence G. Thompson. Allen '58 p279-89 annot

PHILOSOPHY, Comparative

Kwee, Swan-liat. Methods of comparative philosophy. Universitaire pers Leiden '53 p 187-205

PHILOSOPHY, English

Strider, Robert Edward Lee, Robert Greville, Lord Brooke. Harvard univ. press '58 p239-47

PHILOSOPHY, French

Barber, William Henry. Leibniz in France, from Arnauld to Voltaire; a study in French reactions to Leibnizianism, 1670-1760. Oxford '55 p266-71

Rosenfield, L. C. Peripatetic adversaries of Cartesianism in 17th century France. *R Relig* 22:26-40 N '57 annot

Schlegel, Dorothy B. Shaftesbury and the French deists. (N.C. Univ. Studies in comparative literature, no 15) Univ. of N.C. press '56 p 137-9

Schondorff, Joachim, ed. Französische geisteswelt; mit einem geleitwort von Hermann Noack. (Geist des Abendlandes, v 1) Holle '51 p331-45

PHILOSOPHY, Greek

Dubois, J. Bulletin de philosophie grecque. *R Sci Philos & Théol* 39:120-39, 237-65 Ja-Apr '55

PHILOSOPHY, Hindu

Chandratte, P. D. Methodology of the major bhāṣyas on the Brahma-sūtra. (S. B. Garda college & B. P. Baria science inst. Research pubs. 2) Trivedi '58 p243-8

Riepe, D. Indian philosophical literature, 1955-1957. *Philos & Phen Res* 18:384-7 Mr '58

See also

Philosophy, Buddhist

PHILOSOPHY, Italian

Bibliografia filosofica italiana, 1949[1955] Centro di studi filosofici cristiani di Gallarate '51-'57 7v

Istituto di studi filosofici. Bibliografia filosofica italiana dal 1900 al 1950; a cura dell'Istituto e del Centro nazionale di informazioni bibliografiche; con la collaborazione del Centro di studi filosofici cristiani di Gallarate. Edizioni Delfino '50-'57 4v

PHILOSOPHY, Japanese

Holzman, Donald, and others. Japanese religion and philosophy; a guide to Japanese reference and research materials. (Mich. Univ. Center for Japanese studies. Bibliog. ser. no7) Univ. of Mich. press '59 102p annot

PHILOSOPHY, Latin American

Handbook of Latin American studies, no 181-211 Univ. of Fla. press '55-'59 4v no 18, p243-52; no 19, p317-27; no20, p291-303; no21, p261-70 annot

PHILOSOPHY, Medieval

De Santillana, Giorgio. Age of adventure; the renaissance philosophers; sel. with introd. and interpretive commentary. (Great ages of western philosophy, v2) Houghton '57 p277-81

Fremantle, Anne (Jackson) ed. Age of belief; the medieval philosophers. (Great ages of western philosophy, 1) Houghton '55 p214-15

Kristeller, Paul Oskar. Classics and renaissance thought. (Martin classical lectures, v 15) Harvard univ. press '55 p92-3

Leff, Gordon. Bradwardine and the Pelagians; a study of his De causa Dei and its opponents. (Cambridge studies in medieval life and thought, new ser, v5) Cambridge '57 p269-73

PHILOSOPHY, Medieval—Continued

MacCintock, Stuart. Perversity and error: studies on the Averroist John of Jandun. (Ind. Univ. Pubs. Humanities ser, no37) Ind. univ. press '56 p 191-9

See also

Scholasticism

PHILOSOPHY, Modern

Bochenksi, Innocentius M. Contemporary European philosophy; tr. from the [2d rev. German ed] by Donald Nicholl and Karl Aschenbrenner. Univ. of Calif. press '56 p267-321 annot

Leger, G. Bulletin d'histoire de la philosophie moderne. R Sci Philos & Théol 39:140-72; 40:34-71, 525-65, 630-714 Ja '55, Ja, Ji-O '56

Rosenfield, L. C. Peripatetic adversaries of Cartesianism in 17th century France. R Relig 22:26-40 N '57 annot

See also

Existentialism

Personalism

Positivism

PHILOSOPHY, Oriental

Lao, Tzū, Tao Teh king; interpreted as nature and intelligence, by Archie J. Bahm. Ungar '58 p 121-6

PHILOSOPHY, Polish

Polska akademia nauk. Komitet filozoficzny. Bibliografia filozofii polskiej, opracowana z inicjatywą i pod kierownictwem komitetu redakcyjnego biblioteki klasyków filozofii, w oparciu o materiały zebrane przez Adama Bara; opracowała Alicja Kadler; v 1, 1750-1830. Państwowe wydawn. naukowe '55 264p

PHILOSOPHY and religion

See also

Personalism

PHILOSOPHY and science

See also

Physics—Philosophy

Science—Philosophy

PHILOSOPHY of nature

Simon, Heinrich, and Simon, Marie. Die alte stoia und ihr naturbegriff; ein befrag zur philosophiegeschichte des Hellenismus. Aufbau-verlag '56 p 141-2

Thyssen-Bornemisza, Stephen. Unified system concept of nature. college ed Vantage '55 p 134-7

See also

Natural theology

PHLOEM

McGivern, Sister M. J. Mitochondria and plastids in sieve-tube cells. Am J Bot 44:48 Ja '57

Zimmermann, M. H. Translocation of organic substances in trees. Plant Physiol 32:290-1, 404; 33:217 Ji-S '57, My '58

PHONETICS

Essen, Otto von. Allgemeine und angewandte phonetik. Akademie-verlag '53 p 155-64

Fant, Gunnar. Modern instruments and methods for acoustic studies of speech. (Acta polytechnica scandinavica. Physics incl. nucleonics ser, no 1: Swedish contribution no2) Royal Swedish acad. of engineering sciences '53 p77-81

Hockett, Charles Francis. Manual of phonology. (Ind. Univ. Pubs. in anthropology and linguistics. Memoir 11) Waverly press '55 p226-46

Jakobson, Roman, and Halle, Morris. Fundamentals of language. (Janua linguarum, no 1) Mouton '56 p35-7

Wise, Claude Merton. Applied phonetics. Prentice-Hall '57 incl bibliog

See also

Speech

Vowels

PHONIC method

Betts, Emmett Albert. Phonics: practical considerations based on research [papers] presented before joint session of Am. education research assn. and N.E.A. dept. of classroom teachers, Feb. 22, 1956. Betts reading clinic '56 p 16-28

Betts, E. A. Phonics: practical considerations based on research. El Engl 33:365-71 O '56

Smith, N. B. What research says about phonics instruction. J Educ Res 51:8-9 S '57

Witty, P. A. and Sizemore, R. A. Phonics in the reading program: a review and an evaluation. El Engl 32:370-1 O '55

PHONOCARDIOGRAPHY. See Heart—Sounds

PHOSPHATASES

See also

Adenosinetriphosphatase

PHOSPHATES

Gibbs, M. and others. Respiration of the pea plant. Plant Physiol 30:467 S '55

Keck, K. and Stich, H. Widespread occurrence of polyphosphate in lower plants. Ann Bot 21:617-18 O '57

McKelvey, V. E. and others. Summary description of Phosphoria, Park city, and Shoshone formations in western phosphate fields. Am Assn Pet Geol Bul 40:2861-3 D '56

Rogers, Cleaves L. and others. General geology and phosphate deposits of Concepción del Oro district, Zacatecas, México; geologic investigations in the Am. republics. (U.S. Geological survey. Bul. 1037-A) U.S. Gov. ptg. office '56 p94-7

Starostka, R. W. and Hill, W. L. Influence of soluble salts on the solubility of and plant response to dicalcium phosphate. Soil Sci Soc Am Proc 19:198 Ap '55

PHOSPHATES in the body

Fuchs, Fritz. Studies on the passage of phosphate between mother and foetus in the guinea pig. Munksgaard '57 p 116-25

PHOSPHATIDES

Dawson, R. M. C. Animal phospholipids. Cambridge Philos Soc Biol R 32:220-9 My '57

Kates, M. and Eberhardt, F. M. Isolation and fractionation of leaf phosphatides. Can J Bot 35:904-5 N '57

Rouser, G. Phospholipids and blood coagulation. Am J Clin Nutrition 6:686-7 N '58

Smith, L. M. and Jack, E. L. Isolation of milk phospholipids and determination of their polyunsaturated fatty acids. J Dairy Sci 42:777-9 My '59

Smith, L. M. and others. Effect of phospholipids and unsaponifiable matter on oxidative stability of milk fat. J Dairy Sci 41:481-2 Ap '58

PHOSPHOLIPIDES. See Phosphatides

PHOSPHORESCENCE

See also

Luminescence

Luminescence, Biological

PHOSPHORITE

Curtis, Diane. Selected annotated bibliography of the geology of uranium-bearing phosphorites in the United States; sel. bibliog. of uranium geology. (U.S. Geological survey. Bul. 1059-B) U.S. Gov. ptg. office '57 29-58p

PHOSPHORUS

Almquist, H. J. Phosphorus requirement of young chicks and poult— a review. Poultry Sci 33:943-4 S '54

Motzok, I. and others. Utilization of phosphorus from various phosphate supplements by chicks. Poultry Sci 35:647-9 My '56

Thorne, G. N. Factors affecting uptake of radioactive phosphorus by leaves and its translocation to other parts of the plant. Ann Bot 22:397-8 Ji '58

See also

Eggs—Phosphorus content

Insects, Effect of phosphorus on

Plants—Phosphorus content

Plants, Effect of phosphorus on

Soils—Phosphorus content

Isotopes

Bergström, Ingmar, and Lindgren, Erik. Treatment of malignant blood diseases by radioactive phosphorus; tr. by Frederick A. L. Charlesworth. (Sup 150) Acta radiologica '57 2v v 1, p62-4; v2, p97-8

Bohr, Hans H. Bestemmelse af blodvolumenet med radioaktivt fosfat, specielt med henblik på anvendelse i klinikken; with an English summary. Schultz '54 p 141-50

PHOSPHORUS compounds

Gatterdam, P. E. and others. Relation of structure to stability, antierase activity and toxicity with substituted-vinyl phosphate insecticides. J Econ Entom 52:275-6 Ap '59

Saunders, Bernard Charles. Some aspects of the chemistry and toxic action of organic compounds containing phosphorus and fluorine; with a foreword by Sir Alexander Todd. Cambridge '57 p216-18

Schrader, Gerhard. Die entwicklung neuer insektizide auf grundlage organischer fluor- und phosphor-verbindungen. 2d enl ed (Monographien zu Angewandte chemie und Chemie-Ingenieur-technik, no62) Verlag Chemie '52 p87-96

PHOSPHORUS in the body

Salem, H. and Reda, H. Calcium and phosphorus metabolism and egg shell formation in Egyptian birds. *Poultry Sci* 34:204-5 Ja '55

Washington (state). State college. Pullman. Institute of agricultural sciences. Phosphate fertilization of alfalfa and some effects on the animal body. (Technical bul. 24) Wash agricultural experiment stations '57 p21-3

PHOSPHORYLATION

Hackett, D. P. and Haas, D. W. Oxidative phosphorylation and functional cytochromes in skunk cabbage mitochondria. *Plant Physiol* 33:32 Ja '58

PHOTO interpretation. See *Photographic interpretation*

PHOTOCHEMISTRY

Thuronyi, G. Annotated bibliography on the photochemistry of the upper atmosphere. *Meteorol Abstr & Bibliog* 6:660-703 My '55

PHOTOCONDUCTIVITY

Moss, T. S. Lead salt photoconductors. *Inst Radio Eng Proc* 43:1880-1 D '55

Photoconductivity conference held at Atlantic City, Nov. 4-6, 1954; editorial com: R. G. Breckenridge [and others] sponsored by Univ. of Pa. Radio corp. of Am. Office of naval research. Wiley '56 incl bibliog

Rose, A. Performance of photoconductors. *Inst Radio Eng Proc* 43:1868-9 D '55

Schultz, M. L. and Morton, G. A. Photoconduction in germanium and silicon. *Inst Radio Eng Proc* 43:1827-8 D '55

Vliet, K. M. van. Noise in semiconductors and photoconductors. *Inst Radio Eng Proc* 46:1017-18 Je '58

PHOTOELASTICITY

Coker, Edward Caleb, and Filon, L. N. G. Treatise on photo-elasticity; 2d ed. rev. by H. T. Jessop. Cambridge '57 p695-711

Cozzi, Florence Evelyn (Harden). Soil mechanics photoelastic stress analysis; an abstract bibliography. (Bibliog. ser. no27) Technical lib. Research & development laboratories. U.S. Quartermaster corps '53 16p

PHOTOELECTRIC cells

Buitenkant, Nathan. Basics of phototubes & photocells, by David Mark [pseud] Rider '56 p 123-5

McGee, J. D. Photo-electric cells. *Inst Elec Eng Proc* 104:484 S '57

PHOTO GEOLOGY

Hartman, R. R. and Isaacs, K. N. System in photogeology. *Am Assn Pet Geol Bul* 42:1092-3 My '58

PHOTOGRAMMETRY. See *Photographic surveying*

PHOTOGRAPHIC chemistry

Glafkides, Pierre. *Photographic chemistry*; tr. from the French by Keith M. Hornsby; with a foreword by L. P. Clerc. Macmillan '58 incl bibliog

PHOTOGRAPHIC interpretation

U.S. Library of Congress. Technical information division. *Photo interpretation techniques*; a bibliog. by Joseph A. Gwyer and Vincent G. Waldron. The library '56 162p

PHOTOGRAPHIC reproduction and projection
Behmenburg, H. Verfahren und anwendungsmöglichkeiten der elektrophotographie in der dokumentation und information. *Nachr Dok* 10:69-70 Jl '59

Braband, C. *Photographische vervielfältigung veröffentlichter werke für den persönlichen gebrauch*. R Doc 24:146-8 N '57

Kiersky, L. J. Bibliography on reproduction of documentary information, 1955-September 1957 [October 1957-December 1959] *Sp Lib* 48:405-9; 51:72-7 N '57, F '60

PHOTOGRAPHIC surveying

Brettler, Benjamin J. *Photogrammetry: the evaluation and calibration of photogrammetric systems*. (EG & G rep. no 1140) Edgerton, Germeshausen & Grier '54 p357-67

Buchholtz, Alwill. *Photogrammetrie; verfahren und geräte*. Verlag Technik '54 p319-20

Merritt, Everett L. *Analytical photogrammetry*. Pitman '58 p235-6

National research council. Highway research board. *Photogrammetry: developments and applications: 1958 [papers] presented at the 37th annual meeting, Jan. 6-10, 1958*. (Bul. 199) The board '58 p39, 80

Schwidetsky, Kurt. Outline of photogrammetry; tr. by John Fosberry. Pitman '59 p309-16

Spurr, Stephen Hopkins. *Forest photogrammetry and aerial mapping, a bibliography, 1887-1955*. School of natural resources, Univ. of Mich. '56 60p

PHOTOGRAPHS

United States. Library of Congress. Reference department. Guide to the special collections of prints & photographs in the Library of Congress; comp. by Paul Vanderbilt. The department '55 200p

PHOTOGRAPHY

Brünn, Universita. *Knihovna. Fotografie v theorii a praxi; seznam literatury*; sest. O. Libal let all (Výběrový seznam. no 19) The library '57 59p

Eastman kodak company. Rochester, New York. Kodak books and guides. (Pub. no A1-642) The company '56 15p

Eastman kodak company. Rochester, New York. Research laboratories. Monthly abstract bulletin. The company. See numbers
Garvin, Elsie L. *Bibliography on high-speed photography*, distributed at the Third international congress on high-speed photography held on September 10-15, 1956, London. The author '56 35p

Jones, George Alan. *Modern applied photography*. Philosophical lib. '57 p 157-9 annot

Library association. County libraries section. *Photography. (Readers' guide, new ser.*

no26) The section '54 19p
Mutter, Edwin. Die technik der negativ- und positivverfahren. (Die wissenschaftliche und angewandte fotografie, v5) Springer '55 p349-71

Photographic abstracts. Royal photographic soc. of Great Britain. See numbers

Photographic books. Photo Dealer 18:476-87; 19:500-17; 20:451-68 F '52, F '53, F '54

Royal photographic society. Library. *Library catalogue*; 1st[2d] sup, 1939-49[1950-52] to auth. catalogue, 1939. The society '52-'53 2v

Royal photographic society. Library. *Library catalogue*; subject catalog, to 1949. The society '52 105p

—Supplement, 1950-1952. The society '53 43p
Walls, Henry James. *How photography works*. Macmillan '59 incl bibliog

See also

Microphotography

Moving picture photography

Photomechanical processes

Photomicrography

Early works to 1850

See also
Daguerreotype

Films

See also

Moving picture films

History

Gernsheim, Helmut, and Gernsheim, Alison. *History of photography; from the earliest use of the camera obscura in the eleventh century up to 1914*. Oxford '55 p375-6

Periodicals

Photo magazines. Photo Dealer 18:471-2; 19:497-8; 20:449; 21:487; 22:527; 23:515; 24:535; 25:557 F '52, F '53, F '54, F '55, Mr '55, Mr '56, Mr '57, Mr '58, Mr '59

Royal photographic society. Library. *Library catalogue*; periodicals catalog to 1955. The society '55 20p

Scientific applications

Allen, Robert Edward. *Photographic techniques and equipment; a sel. list of unclassified AEC reports*. (U.S. Atomic energy comm. TID-3058) Technical information service '54 24p

See also

Photography, Submarine

Radiography

PHOTOGRAPHY, Aerial

Hough, A. F. Control method of forest management in an age of aerial photography. *J For* 52:573-4 Ag '54

Huybens, René A. *La photographie aérienne et l'urbanisme*. Pinkers '55 p 189-93

Melton, F. A. Aerial photographs and structural geomorphology. *J Geol* 67:369-70 Jl '59

Schmidt-Kraepelin, E. Methodische fort-schritte der wissenschaftlichen luftbild-interpretation. *Erdkunde* 12:101-7; 13:208-14 My '58, S '59

Stübner, Kurt. *Luftbild und bodenerosion: eine interpretation von erscheinungsformen und intensität der bodenerosion im luftbild und gelände*. Verlag Technik '55 p91-5

PHOTOGRAPHY, Aerial—Continued

Wood, Harold A. List of maps and photos depicting landforms, and regions of Canada. (Canadian assn. of geographers. Education com. Bul. no 1) Dept. of geography, Hamilton college, McMaster univ. '56 27p annot

See also

Photogeology

Photographic interpretation

PHOTOGRAPHY, Medical

See also

Radiography

PHOTOGRAPHY, Submarine

Schenck, Hilbert Van Nydeck, and Kendall, Henry Way. Underwater photography. rev & enl 2d ed Cornell maritime '57 p 117-23

PHOTOLYSIS (chemistry) See Photochemistry**PHOTOMECHANICAL processes**

Berry, William Turner, and Thomson, Marie Currie. Collotype printing processes. (Special subject lists, no25) Lib. assn. '58 13p

PHOTOMETRY

I.E.S. general guide to photometry. Illum Eng 50:152, 210 Mr-Apr '55

International commission of optics. Les récepteurs physiques de radiation; informations bibliog. période 1939-1949; rapporteur: H. König. (Doc. 4) The commission '50 39p

Moon, P. and Spencer, D. E. Photometrics in astronomy. Franklin Inst J 258:471 D '54

See also

Flame photometry

Spectrophotometry

PHOTOMICROGRAPHY

Michel, Kurt. Die mikrophotographie. (Die wissenschaftliche und angewandte photographie, v 10) Springer '57 p703-30

PHOTONUCLEAR reactions. See Nuclear fusion**PHOTOPERIODISM.** See Plants, Effect of light on**PHOTOSYNTHESIS**

Aronoff, S. Photosynthesis. Bot R 23:104-7 F '57

Bassham, James Alan, and Calvin, Melvin. Path of carbon in photosynthesis. Prentice-Hall '57 p91-104

Bidwell, R. G. S. Photosynthesis and metabolism of marine algae. Can J Bot 35:950; 36:349 N '57, My '58

Chance, B. and Sager, R. Oxygen and light induced oxidations of cytochrome, flavoprotein, and pyridine nucleotide in a *Chlamydomonas* mutant. Plant Physiol 32: 560-1 N '57

Clendenning, K. A. and others. Comparative studies of photosynthesis in *Nostoc muscorum* and *Chlorella pyrenoidosa*. Can J Bot 34:964-6 N '56

Edmondson, W. T. Relation of photosynthesis by phytoplankton to light in lakes. Ecology 37:172-4 Ja '56

Emerson, R. and Chalmers, R. Transient changes in cellular gas exchange and the problem of maximum efficiency of photosynthesis. Plant Physiol 30:528-9 N '55

Eyster, C. and others. Manganese requirement with respect to growth. Hill reaction and photosynthesis. Plant Physiol 33:240-1 Jl '58

Fogg, G. E. Photosynthesis and formation of fats in a diatom. Ann Bot 20:284-5 Ap '56

Hill, Robert, and Whittingham, Charles Percival. Photosynthesis. (Methuen's monographs on biochemical subjects) Wiley '55 p 153-8

London. Science museum. Science library. Some references to carbon dioxide/oxygen relations in algae (1941-1957). (Bibliog. ser. no764) The library '58 1p

Sen, S. P. and Leopold, A. C. Influence of light and darkness upon carbon dioxide fixation. Plant Physiol 31:328-9 S '56

See also

Chloroplasts

PHOTOTROPISM

Blum, H. F. Photoorientation and the tropism theory. Q R Biol 29:321 D '54

PHRENOLOGY

Davies, John Dunn. Phrenology: fad and science. (Yale historical pubs. Misc. 62) Yale univ. press '55 p 183-94 annot

PHTHISIS. See Tuberculosis**PHYCITINAE**

Heinrich, Carl. American moths of the subfamily phycitinae. (U.S. Nat. museum. Bul. 207) Smithsonian inst. '56 incl bibliog

PHYCOMYCETES

Paterson, R. A. Parasitic and saprophytic phycomyces which invade planktonic organisms. Mycologia 50:95-6 Ja '58

PHYLLOXERA

Maillet, P. Contribution à l'étude de la biologie du phylloxéra de la vigne. (In Annales des sciences naturelles. Zoologie et biologie animale. Sér II, v 19. Masson '57 p405-10)

PHYLOGENY

Atkins, M. D. On the phylogeny and biogeography of the family cupedidae (coleoptera) Can Entom 40:536-7 S '58

Selander, R. B. Systematic position of the genus *nephrites* and the phylogenetic relationships of the higher groups of rhipiphoridae (coleoptera) Entom Soc Am Ann 50: 103 Ja '57

Stannard, Lewis Judson. Phylogeny and classification of the North American genera of the suborder tubulifera (thysanoptera). (Ill. biological monographs, no25) Univ. of Ill. press '57 p 145-58

PHYLOGENY (botany)

Cantino, E. C. Physiology and phylogeny in the water molds—a reevaluation. Q R Biol 30:148-9 Je '55

De Wet, J. M. J. Leaf anatomy and phylogeny in the tribe danthonieae. Am J Bot 43:182 Mr '56

Karling, J. S. Possible relationships and phylogeny of *synchronium*. Torrey Bot Club Bul 81:361-2 Jl '54

Leppik, E. E. Some viewpoints on the phylogeny of rust fungi. Mycologia 48:653-4 S '56

Savile, D. B. O. Phylogeny of the basidiomycetes. Can J Bot 33:103-4 Ja '55

Stewart, W. N. and Delevoryas, T. Medullosan pteridosperms. Bot R 22:78-80 Ja '56

PHYSICAL ability

Clarke, H. H. Physical fitness benefits: a summary of research. Education 78:465-6 Ap '58

PHYSICAL ability tests

Clarke, H. H. Recent advances in measurement and understanding of volitional muscular strength. Res Q 27:273-5 O '56

Cousins, G. F. Factor analysis of selected wartime fitness tests. Res Q 26:287-8 O '55

Hale, C. J. Physiological maturity of Little League baseball players. Res Q 27:282-4 O '56

Hunsicker, P. A. and Donnelly, R. J. Instruments to measure strength. Am Assn Health Phys Educ & Rec J 26:419-20 D '55

Hunsicker, P. A. and Greey, G. Studies in human strength. Res Q 28:119-22 My '57

PHYSICAL constants

See also

Dielectric constants

PHYSICAL diagnosis

Leopold, Simon Stein. Principles and methods of physical diagnosis; correlation of physical signs with certain physiological and pathological changes in disease; with a chapter on sounds from the thorax: acoustic principles, by S. Reid Warren. 2d ed Saunders '57 incl bibliog

PHYSICAL education and training

American association for health, physical education, and recreation. Education for high school students; a bk. of sports, athletics and recreational activities for teenage boys and girls. The association '55 incl bibliog

American association for health, physical education, and recreation. Fitness for secondary school youth; ed. by Karl W. Bookwalter and Carolyn W. Bookwalter. The association '56 incl bibliog

American association for health, physical education, and recreation. Audio-visual material committee. Audio-visual materials for physical education. The association '57 p61-8 annot

American association for health, physical education and recreation. Research council. Thesis abstracts committee. Thesis abstracts in health, physical education, and recreation. 1954-55[1-1956-57] Univ. of Ill. '56-'58? 2v

Bibliografie tělovýchovné literatury. Sportovní a turistické nakl. See numbers

Brünn. Universita. Knihovna. Tělesná výchova a sport; česká a slovenská literatura, 1950-1954; sest. R. Trautmann za spolupráce V. Bednářové a O. Libala. (Výběrové seznamy, 8) The university '55 57p

PHYSICAL education and training—Continued

- Bucher, Charles Augustus, and Reade, Evelyn M. Physical education in the modern elementary school. Macmillan '58 incl bibliog
- Clarke, Henry Harrison. Application of measurement to health and physical education. 3d ed (Prentice-Hall physical education ser) Prentice-Hall '59 incl bibliog
- Completed research in health, physical education, recreation, 1958. (V 1) Research council, Am. assn. for health, physical education, & recreation '59 60p
- Cottone, Carmelo. L'educazione fisica, orientamenti pedagogici. Biblioteca dell'Istituto superiore di educazione fisica '54 p 139-52
- Cowell, Charles Clarence, and Hazelton, Helen Wilder. Curriculum designs in physical education. (Prentice-Hall physical education ser) Prentice-Hall '55 incl bibliog
- Cowell, Charles Clarence, and Schwehn, Hilda M. Modern principles and methods in high school physical education. Allyn '58 incl bibliog
- Dexter, Genevieve, ed. Teachers guide to physical education for girls in high school. Calif. State dept. of education '57 incl bibliog annot
- Fraser, Ellen D. and others. Child and physical education. (Prentice-Hall physical education ser) Prentice-Hall '56 incl bibliog
- Halsey, Elizabeth, and Porter, Lorena Ray. Physical education for children; a developmental program; with a foreword by Paul J. Misner. Holt '58 p42, 345, 395
- Humphrey, James Harry. Elementary school physical education; with emphasis upon its integration in other curriculum areas. (Harper's ser. in school and public health education, physical education, and recreation) Harper '58 incl bibliog
- Humphrey, James Harry, and others, eds. Readings in physical education for the elementary school. Nat. press '58 p 16-17, 56, 96-7
- Johnson, Granville Bradley, and others. Your career in physical education; an introd. to the profession for young men and women. (Harper's ser. in school and public health education, physical education, and recreation) Harper '57 incl bibliog
- Joint committee on health problems in education. Answers to health questions in physical education. Am. assn. for health, physical education, & recreation '59 p21-2
- Knapp, Clyde, and Jewett, Ann E. Physical education: student and beginning teaching. (McGraw-Hill ser. in health education, physical education, and recreation) McGraw '57 incl bibliog
- McNelly, Simon August, and Pelley, Albert L. Health, physical education, athletics, safety, and outdoor education in the junior high school; some representative references. (Circ. no432) U.S. Office of education '55 15p
- Miller, Arthur George, and Whitcomb, Virginia. Physical education in the elementary school curriculum. Prentice-Hall '57 p319-20
- National conference on facilities for athletics, recreation, physical and health education. Planning facilities for health, physical education, and recreation by participants in Nat. facilities conference. rev ed Athletic inst. '56 incl bibliog
- Oberteuffer, Delbert. Physical education; a textbk. of principles for professional students. rev ed (Harper's ser. in school and public health education, physical education, and recreation) Harper '56 incl bibliog
- Oliver, J. N. Effect of physical conditioning exercises and activities on the mental characteristics of educationally sub-normal boys. Brit J Educ Psychol 28:164-5 Je '58
- Pearson, C. Eric. Classroom teacher's guide to physical education. (Practical suggestions for teaching, no 17) Teachers college '58 p 120-3 annot
- Phillips, B. M. Evaluation of men's physical education service programs in higher education in New York state. Res Q 26:195-6 My '55
- Recla, Josef. Wissenschaftliche arbeiten über leibesübungen; werke, bücher, schriften, manuskripte und beiträge in fachzeitschriften des deutschen sprachraumes. Inst. für leibeserziehung, Graz univ. '58 154p
- Redman, A. B. Classified list of current periodicals in the fields of athletics, health, physical education, and sports published in the United States and Canada. Phys Educ 13:14-18, 54-9 Mr-May '56

Research abstracts. See numbers of Research quarterly

- Scott, Harry Alexander, and Westkaemper, Richard B. From program to facilities in physical education. (Harper's ser. in school and public health education, physical education, and recreation) Harper '58 incl bibliog
- Stafford, George Thomas. Preventive and corrective physical education; 3d ed. [by the author and] Ellen Davis Kelly. Ronald '58 incl bibliog
- Stroup, Francis Edwin. Measurement in physical education; an introduction to its use. Ronald '57 incl bibliog annot
- Voltmer, Edward Frank, and Esslinger, Arthur Albert. Organization and administration of physical education. 3d ed. (Crofts physical education ser) Appleton '53 incl bibliog
- Weiborn, G. S. Group dynamics as a methodology for democratizing undergraduate teacher education in physical education. Res Q 29:107-8 Mr '58
- Wiles, Kimball, and others. Supervision in physical education; a guide to principles and practices. Prentice-Hall '56 incl bibliog
- Yukie, E. C. Group movement and growth in a physical education class. Res Q 26:233 My '55
- Zeigler, Earle Frederick. Administration of physical education and athletics; the case method approach. Prentice-Hall '59 p228, 233-44

See also

Athletics
Exercise
Games
Posture
School athletics
Sports

History

- Rice, Emmett Ainsworth, and others. Brief history of physical education. 4th ed Ronald '58 p387-404

Periodicals

- Montoye, H. J. Foreign physical education periodicals. Phys Educ 11:70-4 O '54

PHYSICAL geography

- Beckinsale, Robert Percy. Land, air & ocean. 2d ed rev enl Essential bks. '56 incl bibliog
- Earth: its crust and its atmosphere; geomorphological and geophysical studies presented to Prof Jacoba B. L. Hol on July 6th 1957. Brill '57 incl bibliog
- Hjultström, Filip, and Axelsson, Valter, eds. Naturgeografiska uppsatser. (Geographica, no31) Geografiska inst. Uppsala univ. '57 incl bibliog
- Lake, Philip. Physical geography; 4th ed. under the editorship of J. A. Steers. Cambridge '53 p456-8
- Louis, Herbert, and Schaefer, Ingo, eds. Geomorphologische studien; Fritz Machatschek zum 80. geburstag gewidmet von schülern, freunden, verehrern und dem verlag. (Petermanns geographische mitteilungen. Sup no262) Haack '57 incl bibliog
- Machatschek, Fritz. Das relief der erde; versuch einer regionalen morphologie der erdoberfläche. 2d rev ed Borntraeger '55 incl bibliog
- Tricart, Jean, and Cailleux, André. Cours de géomorphologie; introd. à la géomorphologie climatique. (Les cours de Sorbonne) Centre de doc. univ. '55 incl bibliog
- Washburn, A. L. Classification of patterned ground and review of suggested origins. Geol Soc Am Bul 67:860-5 Jl '56

See also

Alluvium
Climatology
Coast changes
Earthquakes
Geochemistry
Geology
Geophysics
Glaciers
Hydrography
Ice
Landslides
Meteorology
Mountains
Ocean currents
Paleogeography
Pediciments (geology)
Rivers
Shore lines
Tides
Volcanoes
Water, Underground

PHYSICAL geography—Continued

Algeria

- Vageler, Paul Wilhelm Eduard. Zur bodengeographie Algiers; faktoren der bodenbildung und -verteilung, die catena als bodengenetische einheit. (Petermanns geographische mitteilungen. Sup. no258) Haack '55 incl bibliog

Arctic regions

- Mercer, J. H. Geomorphology and glacial history of southernmost Baffin island. Geol Soc Am Bul 67:569-70 My '56

Belgium

- Dargent, J. L. Bibliographie des thèses et mémoires géographiques belges, 1904-1958. 2d ed (Bibliog. belgica, 42) Comm. belge de bibliog. '59 83p
- Dumont, Maurice E. and Smet, L. de. Aardrijkskundige bibliographie van België; Bibliographie géographique de la Belgique. (Bibliographica belgica 14-17) Comm. belge de bibliographie '54-'56 4v

Brazil

- Picó, Rafael, and others. Geografia do Puerto Rico; pt. 1, Geografia física. Editorial universitaria '54 p231-43

California

- Hudson, F. S. Measurement of the deformation of the Sierra Nevada, California, since middle eocene. Geol Soc Am Bul 66:859-60 Jl '55

England

- Pinchemel, Philippe. Les plaines de craie du nord-ouest du bassin parisien et du sud-est du bassin de Londres et leurs bordures; étude de géomorphologie. Colin '54 p461-90
- Woodridge, Sidney William, and Linton, David L. Structure, surface, and drainage in south-east England. Philip '55 p 157-9

Formosa

- Juan, Wei-chou. Physiography and geology of Taiwan. (Pamphlets on Chinese affairs) China culture pub. foundation '54 p39-45

France

- Mathieu, G. Site géologique de l'ancienne cité de Châtel-Aillon (Castrum Allionis) et l'évolution de la côte de l'Aunis. Norois 1:362-3 O '54
- Pinchemel, Philippe. Les plaines de craie du nord-ouest du bassin parisien et du sud-est du bassin de Londres et leurs bordures; étude de géomorphologie. Colin '54 p461-90

Great Britain

- Hempel, L. Probleme der oberflächenformung in Grossbritannien unter klimamorphologischer fragestellung. Petermanns Geog Mitt 102 no2:88-9

Greece

- Philippson, Alfred, and Lehmann, Herbert. Die griechischen landschaften; eine landeskunde. Klostermann '50-'52 1v in 3 incl bibliog

Hungary

- Láng, Sándor. A Mátra és a Börzsöny természeti földrajza. (Földrajzi monográfiák, v 1) Akadémiai kiadó '55 p435-43

Indiana

- Perry, Thomas Gregory, and Smith, Ned M. Meramec-Chester and intra-Chester boundaries and associated strata in Indiana. (Bul. no 12) Ind. Geological survey '58 p 107-10

Lebanon

- Vaumas, Etienne de. Le Liban: Montagne libanaise. Bekaa, Anti-Liban, Hermon, Haute Galilée libanaise; étude de géographie physique. Firmin-Didot '54 3v v 1, p319-31

Morocco

- Aspects de la géomorphologie du Maroc. par J. Dresch [et al] (Monographies régionales. 3. sér: Maroc, no3) 19th Int. Geological congress '52 p 161-70
- Same. (Notes et mémoires, no96) Service géologique du Maroc '52 p 161-70

Poland

- Lencewicz, Stanisław. Geografia fizyczna Polski; opracował i uzupełnił Jerzy Kondracki. 3d ed Państwowe wydawn. naukowe '55 p377-87

Provence

- Chardonnet, Jean. Les massifs anciens provençaux; étude morphologique. Inst. géographique nat. '52 p29-30

Rumania

- Rumania. Institutul de cercetări geografice. Geografia fizică a R.P.R.; colectivul de redactare format din: Călinescu, Haul [et al] Litografia Invățămintului '55 p731-64

Russia

- Berg, Lev Semenovich. Die geographischen zonen der Sowjetunion. Teubner '58 incl bibliog

Sweden

- Behrens, Sven. Morfometrisk, morfogenetiska och tektoniska studier av de nord-västskånska urbergsåarna. särskilt Kullaberg. (Lund. Univ. Geografiska inst. Meddelanden, avhandlingar, 24) Gleerupska univ.-bokhandeln '53 p232-40

Utah

- Kerr, P. F. and others. Collapse features, Temple Mountain uranium area, Utah. Geol Soc Am Bul 68:980-1 Ag '57

Venezuela

- Vila, Marco Aurelio. Las regiones naturales de Venezuela. Corp. venezolana de fomento '50-'52 2v v 1, p207-11; v2, p 237-41

PHYSICAL instruments

- Geary, Peter John. Flexure devices: pivots, movements, suspensions; a bibliog. survey. (Research rep. M 18; Bibliog. survey of instrument parts, no 1) British scientific instrument research assn. '54 p 14-41
- Geary, Peter John. Knife-edge bearings; a bibliog. survey. (Bibliog. survey of instrument parts, no2) British scientific instrument research assn. '55 61p
- Instrument manual. 2d ed United trade press '53 incl bibliog

See also

- Electronic apparatus and appliances
Meteorological instruments
Optical instruments
Recording instruments
Spectrometers, Mass

PHYSICAL measurements

- Bock, Herbert. Einführung in die messtechnik; allgemeine grundlagen für die projektierung von prüfständen, die durchführung und auswertung von messungen. Verlag Technik '54 p95-6

- Kammer der technik. Beiträge aus der ingenieurmessung. Verlag Technik '58 p 132-63

- Kingery, W. D. Property measurements at high temperatures; factors affecting and methods of measuring material properties at temperatures above 1400° C (2550° F) Wiley '59 incl bibliog

- Lees, S. Interpreting dynamic measurements of physical systems. Am Soc Mech Eng Trans 80:855-6 My '58

- Physical measurements in gas dynamics and combustion; ed. [by] R. W. Ladenburg [and others] (High speed aerodynamics and jet propulsion, v9) Princeton univ. press '54 incl bibliog

See also

- Pressure—Measurement
Time measurements

PHYSICAL metallurgy

- Guy, Albert G. Elements of physical metallurgy. 2d ed (Addison-Wesley ser. in metallurgy and materials) Addison-Wesley '59 incl bibliog

PHYSICAL research

- Coblentz, William Weber. Man's place in a superphysical world. Sabian pub. '54 p224-9

PHYSICAL therapy

- Rusk, Howard A. and others. Rehabilitation medicine; a textbk. on physical medicine and rehabilitation; with the editorial assistance of Eugene J. Taylor. Mosby '58 incl bibliog

- Shestack, Robert. Handbook of physical therapy; foreword by I. William Nachlas. Springer '56 p201-3

See also

- Thermotherapy

PHYSICAL therapy as a profession

Angel, Juvenal Londoño. Specialized occupations in public health. (Monograph no24) World trade acad. press '55 incl bibliog

PHYSICIAN and patient

Hollender, Marc H. Psychology of medical practice. Saunders '58 incl bibliog

PHYSICIANS

Thoms, Herbert. Doctors Jared of Connecticut; Jared Eliot, Jared Potter, Jared Kirtland. (Yale univ. School of medicine. Dept. of the history of medicine. Pub. no35) Shoe string press '58 p69-72

United States. Public health service. Division of public health methods. Health manpower source book. (Pub. no263) The service '52-'54 4v incl bibliog

Fiction

Wilbanks, E. R. Physician in the American novel, 1870-1955. Bul Bibliog 22:164-8 S '58

Portraits

Kisch, B. Iconographies of medical portraits. J Hist Med 12:376-87 J1 '57

PHYSICS

Bawden, Arthur Talbot. Matter and energy; a survey of the physical sciences. Holt '57 incl bibliog

Beyer, Robert Thomas, and Williams, Arthur Olney. College physics. Prentice-Hall '57 incl bibliog annot

Bibliografia brasileira de matemática e física, 1950-54 (=1955-57) (V 1-2) Inst. brasileiro de bibliografia e documentação '56-'57 2v

Blanchard, Converse Herrick, and others. Introduction to modern physics. Prentice-Hall '58 incl bibliog

Constant, Frank Woodbridge. Theoretical physics; thermodynamics, electromagnetism, waves, and particles. (Addison-Wesley physics ser) Addison-Wesley '58 p350-1

Dekker, Adrianus J. Solid state physics. (Prentice-Hall technical bks) Prentice-Hall '57 incl bibliog

Freeman, Ira Maximilian. Modern introductory physics. 2d ed McGraw '57 incl bibliog annot

Holton, Gerald James, and Roller, Duane Henry Dubose. Foundations of modern physical science. (Addison-Wesley physics ser) Addison-Wesley '58 incl bibliog

Kompendien-katalog physik und chemie. Koehler & Volckmar '54 195p

Parke, Nathan Grier. Guide to the literature of mathematics and physics including related works on engineering science. 2d rev ed Dover '58 436p annot

Polska akademia nauk. Ośrodek bibliografii i dokumentacji naukowej. Polska bibliografia analityczna. Fizyka, 1955-1957. (V 1-3) Zakład im. Ossolińskich '55-'57 3v

Science abstracts; issued by the Inst. of electrical engineers, and the Physical soc. of London. See numbers

Science abstracts of China. Mathematical and physical sciences. Inst. of scientific information, Acad. sinica. See numbers

Slater, John Clarke. Modern physics. McGraw '55 p310-13

Weizsäcker, Carl Friedrich, freiherr von, and Juilfs, J. Rise of modern physics; tr. by Arnold J. Pomerans. Braziller '57 p 147-8

See also

Astrophysics

Atoms

Biological physics

Chemistry, Physical and theoretical

Compressibility

Cosmic physics

Dielectrics

Diffusion

Electrons

Evaporation

Expansion (heat)

Force and energy

Friction

Gases

Geophysics

Gravitation

Heat

Liquids

Magnetic properties

Magnetism

Mathematical physics

Mechanics

Meteorology

Molecular dynamics

Molecules

Music—Acoustics and physics

Nuclear physics

Optics

Physical research

Pressure

Quantum theory

Radiation

Radioactivity

Relativity (physics)

Solids

Sound

Temperature, Low

Thermodynamics

Vacuum

Viscosity

Vortex motion

Weights and measures

History

Cohen, I. Bernard. Franklin and Newton; an inquiry into speculative Newtonian experimental science and Franklin's work in electricity as an example thereof. (Memoirs, v43) Am. philosophical soc. '56 p603-50

Periodicals

Lystbæk, Peder Kristian. Udenlandske tidsskrifter af matematisk eller fysisk indhold i danske biblioteker. Munksgaard '52 176p

Philosophy

Cassirer, Ernst. Determinism and indeterminism in modern physics; historical and systematic studies of the problem of causality; tr. by O. Theodor Benfey; with a pref. by Henry Margenau. Yale univ. press '56 p214-16

Kattsoff, Louis Osgood. Physical science and physical reality. Nijhoff '57 incl bibliog

Rasmussen, Eigil. Matter and gravity; logic applied to physics in a common-sense approach to the classical ether theory. Exposition '58 p72-5

PHYSICS as a profession

Angel, Juvenal Londoño. Physics: careers, schools, and listings of employment sources. (Monograph no25) World trade acad. press '55 p33-4

Pollack, Philip. Your career in physics; with an introd. by Marsh W. White. Dutton '55 p 113-15

PHYSIOGRAPHY. See Geology; Physical geography

PHYSIOLOGICAL chemistry. See Biochemistry

PHYSIOLOGICAL gradients. See Gradient theory (physiology)

PHYSIOLOGICAL optics. See Optics, Physiological

PHYSIOLOGY

Bard, Philip, and others, eds. Medical physiology; collaborators: Henry C. Bazett (and others) 10th ed. based on the 9th ed. of Macleod's Physiology in modern medicine. Mosby '56 p 1277-1375

Bayliss, Leonard Ernest. Principles of general physiology; v. 1. The physico-chemical background. 5th ed Longmans '59 p497-504

Best, Charles Herbert, and Taylor, Norman Burke. Human body; its anatomy and physiology. Holt '56 p687-92

Boulière, François. Titres et travaux scientifiques du Dr François Boulière. The author '55 45p

Catton, William Thorpe. Physical methods in physiology. Philosophical lib. '57 incl bibliog

Chase, Peter Pineo. Your wonderful body. Prentice-Hall '57 p373-5

De Coursey, Russel Myles. Human organism. McGraw '55 incl bibliog

Falzone, J. C. and Shock, N. W. Physiological limitations and age. Public Health Rep 71:1193 D '56

International abstracts of biological sciences. Pergamon. See numbers

Langley, Leroy Lester, and Cheraskin, Emanuel. Physiology of man. 2d ed McGraw '58 incl bibliog

McDowall, Robert John Stewart. Handbook of physiology & biochemistry, originally Kirkes' and later Halliburton's. 42d ed Murray '55 p715-26

Mitchell, Philip Henry. Textbook of general physiology. 5th ed (McGraw-Hill pubs. in the zoological sciences) McGraw '56 incl bibliog

Morehouse, Laurence Englemohr, and Miller, Augustus Taylor. Physiology of exercise. 3d ed Mosby '59 incl bibliog

PHYSIOLOGY—Continued

- Razran, Gregory Harry Solomon. Bibliography of Soviet experiments in (I) interoceptive conditioning, and (II) unconditioned interception in the last ten years. U.S. Public health service. Russian scientific translation program, Nat. insts. of health '59 45p
- Royce, J. Use of body components as reference standards for basal metabolic rate. *Res Q* 29:72-3 Mr '58
- Schneider, Edward Christian. Physiology of muscular activity; 5th ed. by Peter V. Karpovich. Saunders '59 p332-55
See also
- Anatomy (physiology)**
 Animals. Effect of chemicals on
 Body temperature
 Bones
 Botany—Physiology
 Cells
 Digestion
 Electrophysiology
 Excretion
 Fatigue
 Growth
 Hygiene
 Lymphatics
 Membranes (physiology)
 Metabolism
 Muscles
 Nervous system
 Nutrition
 Old age
 Ovulation
 Pregnancy
 Psychology, Physiological
 Reproduction
 Respiration
 Transplantation (physiology)
 Underwater physiology
 Weight (physiology)
- Research**
 United States. National heart institute. Research publications of the Institute, January 1953-June 1958. U.S. Public health service; Nat. institutes of health '58 110p
- PHYSIOLOGY, Comparative**
 Dukes, Henry Hugh. Physiology of domestic animals; with a chapter on Physico-chemical basis of physiological phenomena by E. A. Hewett, a sec. on Physiological oxidations by J. B. Sumner, a chapter on Water, electrolytes, and acid-base balance by M. R. Kare, a pt. on Intermediary metabolism by J. A. Dye, and a pt. on Endocrine organs, reproduction, and growth, by S. A. Asdehl. 7th ed Comstock pub. associates '55 incl bibliog
- Eisentraut, Martin. Der winterschlaf mit seinen ökologischen und physiologischen begleiterscheinungen. Fischer '56 p 144-56
- Morgan, Ann Haven. Kinships of animals and man; a textbk. of animal biology. McGraw '55 p801-18
- Nalbandov, Andrew Vladimir. Reproductive physiology; comparative reproductive physiology of domestic animals, laboratory animals, and man. (Ser. of college texts in agricultural science: Animal science) Freeman '58 incl bibliog
- Velardo, Joseph Thomas, ed. Endocrinology of reproduction. Oxford '58 incl bibliog
See also subhead Physiology under the following subjects
- Algae**
Amphibia
Bacteria
Birds
Calves
Cattle
Crustacea
Fishes
Fungi
Insects
Mollusks
Rodents
- PHYSIOLOGY, Pathological**
 Davis, Harry Aaron. Principles of surgical physiology; foreword by Lester R. Dragstedt. Hoeber '57 incl bibliog
- Grollman, Arthur, ed. Clinical physiology; the functional pathology of disease. McGraw '57 incl bibliog
- Hoff, Ferdinand. Klinische physiologie und pathologie. 5th rev ed Thieme '57 p 1075-90

Lindenschmidt, Theodor Otto. Pathophysiologische grundlagen der chirurgie in ihrer auswirkung auf chirurgisches handeln; mit einem geweitwort von L. Zukschwerdt. Thieme '58 incl bibliog

PHYSIOTHERAPY. *See* Physical therapy
PHYTOALEXINS. *See* Plants—Disease and pest resistance

PHYTOGEOGRAPHY. *See* Plants—Geographical distribution

PHYTOPATHOGENIC bacteria. *See* Bacteria, Phytopathogenic

PHYTOPLANKTON. *See* Plankton

PHYTOSOCIOLOGY. *See* Botany—Ecology

PHYTOSTEROLS

Peterson, D. W. Plant sterols and tissue cholesterol levels. *Am J Clin Nutrition* 6: 647-9 N '58

PIACHAUD, René Louis, 1896-1941

Haldenwang, Georges. Avec René-Louis Piachaud; souvenirs suivis d'une lettre de Monsieur Claude-Louis Piachaud. (Beaux textes, textes rares, textes inédits, 37) Cailler '58 p48-54

PIANO

Instruction and study

Breckenridge, William Kilgore. Hints for piano normal studies. *Vantage* '55 p 169-77

PIAZ, Riccardo dal, 1889-

Comitato per le onoranze a R. dal Piaz. Pedagogia e scuola; studi in onore di Riccardo dal Piaz. (Provveditorato agli studi di Torino. Studi, ricerche e documenti, 1) Edizioni guintine '57 p221-2

PICARDY

Description and travel

Dubois, Raymond. Le domaine picard, délimitation et carte systématique dressée pour servir à l'inventaire général du picard et autres travaux de géographie linguistique. Archives du Pas-de-Calais '57 p37-47

PICASSO, Pablo, 1881-

Boeck, Wilhelm, and Sabartés, Jaime. Picasso. (Lib. of great painters) Abrams '55 p516-22

Penrose, Roland. Picasso: his life and work. Harper '59 p381-4

Philadelphia. Museum of art. Picasso; a loan exhibition of his paintings, drawings, sculpture, ceramics, prints and il. bks, Jan. 8-Feb. 23, 1958. The museum '58 p 131-5

Picasso, Pablo. Picasso: grafiek; inleiding en keuze; Bernhard Geiser; biografische gegevens en documentatie; Hans Bollinger. Contact '56 p xxii-xxiv

PICKETING

Princeton university. Industrial relations section. Secondary boycotts and picketing under the Taft-Hartley act. (Ser. references, no87) The section '59 4p annot

PICKLING. *See* Canning and preserving

PICOTTI, Giovanni Battista, 1878-

Picotti, Giovanni Battista. Ricerche umanistiche. (Pisa. Scuola normale superiore. Studi di lettere, storia e filosofia, 24) Nuova Italia '55 p vii-xix

PICTS

Wainwright, Frederick Threlfall, ed. Problem of the Picts. Philosophical lib. '56 p 169-80

PIERCE, Franklin, 1804-1869

Nichols, Roy Franklin. Franklin Pierce: Young Hickory of the Granite hills. 2d ed completely rev Univ. of Pa. press '58 p577-93

PIERCE, George Washington, 1872-1956

Saunders, F. A. and Hunt, F. V. George Washington Pierce. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p371-80)

PIETRA, Gaetano, 1879-

Studi in onore di Gaetano Pietra. (Biblioteca di statistica, 1) Cappelli '55 p757-61

PIETROBONO, Luigi, 1863-

Pietrobono, Luigi. Saggi danteschi. new ed (Nuova biblioteca italiana) Soc. editrice int. '54 p275-8

PIGEONS

Schorger, Arlie William. Passenger pigeon; its natural history and extinction. Univ. of Wis. press '55 p305-7

Diseases and pests

Hollander, W. F. Acarids of domestic pigeons. *Am Micros Soc Trans* 75:478-80 O '56

PIGMENTATION (biology) *See* Color of animals; Color of fungi; Color of insects

PIGMENTS

Research association of British paint, colour & varnish manufacturers. Review of current literature relating to paint, colour, varnish and allied industries. The association. See numbers

See also

Dyes and dyeing
Nepheline syenite
Paint

PIGMENTS (biology)

Caspari, E. and Blomstrand, I. Yellow pigment in the testis of ephestia: its development and its control by genes. *Genetics* 43:693-4 S '58

Chavin, W. Pituitary-adrenal control of melanization in xanthic goldfish, *carassius auratus* L. *J Exp Zool* 133:33-6 O '56

Finnegan, C. V. Ventral tissues and pigment pattern in salamander larvae. *J Exp Zool* 128:471-2 Ap '55

Hertzler, E. C. Red and black pigments of the salamander, *plethodon cinereus*. *Physiol Zool* 31:256 J1 '58

Lehman, H. E. Developmental mechanics of pigment pattern formation in the black axolotl, *amblystoma mexicanum*. *J Exp Zool* 135:384-6 J1 '57

Novalles, R. R. Effects of osmotic pressure and sodium concentration on the response of melanophores to intermedin. *Physiol Zool* 32:27-8 Ja '59

Rasquin, Friscilla. Studies in the control of pigment cells and light reactions in recent teleost fishes. (Bul. v 115, article 1) Am. museum of natural history '58 p66-8

Ziegler-Günder, I. Pterine: pigmente und wirkstoffe im tierreich. *Cambridge Philos Soc Biol R* 31:342-7 Ag '56

See also

Bile pigments
Cytochromes

PIGMIES. See Pygmies

PIGS. See Swine

PIKE, Albert, 1809-1891

Boyden, William Llewellyn. Bibliography of the writings of Albert Pike; ed. by Ray Baker Harris. centennial ed Supreme council 33, Ancient & accepted Scottish rite of Freemasonry, Southern jurisdiction '57 109p

PIKE, James Shepherd, 1811-1882

Durden, Robert Franklin. James Shepherd Pike: republicanism and the American Negro, 1850-1882. Duke univ. press '57 p232-42 annot

PILGRIM fathers

Juvenile literature

Boys' clubs of America. Mayflower and the Pilgrims; reading list. The clubs '56 7p annot

PILGRIMS and pilgrimages

Letts, Malcolm Henry Ikin, ed. and tr. Travels of Leo of Rozmital through Germany, Flanders, England, France, Spain, Portugal, and Italy, 1465-1467. (Hakluyt soc. Works, 2d ser, no 108) Cambridge '57 p 179-86

Prescott, Hilda Frances Margaret. Once to Sinai; the further pilgrimage of friar Felix Fabri. Macmillan '58 p287-90

See also

Shrines

PIMENTA, Alfredo, 1882-

Pimenta, Alfredo. Terceiro livro de estudos filosóficos e críticos. Livraria Cruz '58 p iii-xiii

PINCHOT, Gifford, 1865-1946

Place, Marian (Templeton). Gifford Pinchot: the man who saved the forests, by Dale White [pseud] Messner '57 p 187-9

PINDAR, 522?-443 B.C.

Thummer, E. Pindaros; 1. bericht umfassend die jahre 1945-1957 (1958) Anz Altertumsw 11:col 65-88 Ap '58

PINE

Critchfield, William Burke. Geographic variation in *pinus contorta*. (Maria Moors Cabot foundation. Pub. no3) Harvard univ. press '57 p 109-16

Echols, Robert M. Variation in tracheid length and wood density in geographic races of Scotch pine. (Bul. no64) School of forestry, Yale univ. '58 p47-52

Fowells, Harry Ardell, and Schubert, Gilbert H. Seed crops of forest trees in the pine region of California. (U.S. Dept. of agriculture. Technical bul. no 1150) U.S. Gov. mtg. office '56 p47-8

Hallin, William. Application of unit area control in the management of ponderosa-Jeffrey pine at Black Mountain experimental forest. (Technical bul. no 1191) U.S. Dept. of agriculture '59 p 60-1

Hocker, H. W. Certain aspects of climate as related to the distribution of loblolly pine. *Ecology* 37:833-4 O '56

Jentsch, J. Untersuchung über die wuchsfördernden und bodenbessernden eigenschaften der *pinus strobus* (weymouthskiefer, Strobe) als mischholzart auf kritischen böden. *Archiv Forstw* 4 no2/3:136-8 '55

Neils, G. and others. Management of white-tailed deer and ponderosa pine. *J For* 54:242 Ap '56

Rutter, A. J. and Sands, K. Studies in the growth of young plants of *pinus sylvestris* L. *Ann Bot* 21:425-6; 23:283-4 J1 '57, Ap '59

Stanley, R. G. and Conn, E. E. Enzyme activity of mitochondria from germinating seedlings of sugar pine (*pinus lambertiana* Dougl.) *Plant Physiol* 32:417-18 S '57

Sterling, C. Dormant apical bud of *agathis lanceolata*. *Bot Gaz* 120:52-3 S '58

Thatcher, Robert C. References of value in studies of insects affecting the southern pines; an annot. list. (Bul. no 1) Dept. of forestry, Stephen F. Austin state college '57 37p

Wenger, Karl F. and Trousdell, Kenneth B. Natural regeneration of loblolly pine in the South Atlantic coastal plain. (Production research rep. no 13) U.S. Dept. of agriculture '58 p73-8

Zobel, B. and others. Core or juvenile wood of loblolly and slash pine trees. *Tappi* 42:355-6 My '59

PINEAL body

Rasquin, Friscilla. Studies in the control of pigment cells and light reactions in recent teleost fishes. (Bul. v 115, article 1) Am. museum of natural history '58 p66-8

PINNIPEDIA

Scheffer, Victor B. Seals, sea lions and walruses; a review of the pinnipedia. Stanford univ. press '58 p 151-76

PIONEERS

See also

Frontier and pioneer life

PIPE fitting

Kellogg, M. W. company. Design of piping systems. 2d ed Wiley '56 incl bibliog

PIPERAZINE

Chemirad corporation. Bibliography on ethylene imine chemistry [1878-1954] The corporation '66 65p annot

PIPES

Abernathy, L. L. Effect of trench conditions and arch encasement on load-bearing capacity of vitrified clay pipe. (Bul. 158) Ohio. Engineering experiment station '55 p83-4

Bellometti, Ugo. Condotte forzate idroelettriche metalliche, in calcestruzzo armato e precompresso; tubazioni per aquedotti, gasdotti, oleodotti, trasporto idraulico del carbone. Hoepli '55 incl bibliog

Blumberg, H. S. Metallurgical considerations of main steam piping for high-temperature, high-pressure service. *Am Soc Mech Eng Trans* 79:1390-1 Ag '57

Burnett, G. E. and Selander, C. E. Plastic linings and coatings for steel water pipe. *Am Water Works Assn J* 50:1075 Ag '58

Elliott, P. M. Thermoplastic materials for pipe. *Corrosion* 13:55 O '57

Gilman, S. F. Pressure losses of divided-flow fittings. *Heating Piping* 27:147 Ap '55

Hartnett, J. P. Experimental determination of the thermal-entrance length for the flow of water and of oil in circular pipes. *Am Soc Mech Eng Trans* 77:1216-18 N '55

London. Science museum. Science library. References to thermal stress in tubes. (Bibliog. ser, no739) The library '55 2p

Sleicher, C. A. and Tribus, M. Heat transfer in a pipe with turbulent flow and arbitrary wall-temperature distribution. *Am Soc Mech Eng Trans* 79:796-7 My '57

Sorell, G. How and when to use plastic pipe. *Chem Eng* 66:170 Mr 23 '59

See also

Petroleum pipelines

Tubes

PIPPING, Hugo Edvard, 1895-

Ekonomiska samfundet i Finland. Ekonomi och kultur; festskrift tillägnad Hugo E. Pipping 12. 6. 1955 [ed. by Ellif Appelberg and others; bibliog. by H. Schauman] Söderström '55 p286-325

PIRANDELLO, Luigi, 1867-1936

Guasco, Cesare. Ragione e mito nell'arte di Luigi Pirandello. Editoriale Arte e storia '54 p 189-92

PIRATES

Carse, Robert. Age of piracy; a history. Rinehart '57 p264-5

Whipple, Addison Beecher Colvin. Pirate: rascals of the Spanish Main. Doubleday '57 p276-85 annot

See also

Filibusters**PISA, Italy**

Herlihy, David. Pisa in the early renaissance: a study of urban growth. (Yale univ. Yale historical pubs, miscellany 68) Yale univ. press '58 p215-21 annot

PISO, Willem, 1611-1678

Piso, Willem. História natural e médica da Índia Ocidental, em cinco livros; traduzida e anotada por Mário Lôbo Leal; revista por Ellisberto Carneiro e Eduardo Rodrigues; escôro bibliográfico de José Honório Rodrigues. (Coleção de obras raras, 5) Inst. nacional do livro '57 p xii-xvi

PISTACHIO

Whitehouse, W. E. Pistachio nut; a new crop for the western United States. Econ Bot 11:320-1 O '57

PISTON rings

Englisch, Carl. Kolbenringe. Springer '58 2v v 1, p450-3; v2, p323-8

PISTONS

Scanlan, J. A. and Jennings, B. H. Free-piston engines and compressors. Mech Eng 79:339-40+ Ap '57

PITUITARY body

Chavin, W. Pituitary-adrenal control of melanization in xanthic goldfish, carassius auratus L. J Exp Zool 133:33-6 O '56

Driscoll, W. T. and Eakin, R. M. Effects of sucrose on amphibian development with special reference to the pituitary body. J Exp Zool 129:167-9 Je '55

Harris, Geoffrey Wingfield. Neural control of the pituitary gland. (Physiological soc. Monograph no3) Arnold '55 incl bibliog

Houston neurological society. Hypothalamic-hypophyseal interrelationships, a symposium; third annual scientific meeting of the Society, Houston, Tex; comp. and ed. by William S. Fields [and others] Thomas '56 incl bibliog

Nielsen, Karen. Effects of X-rays on anterior pituitary lobes of normal mice and anterior pituitary dwarf mice; with a Danish summary; tr. from Danish by Elisabeth Aagesen. Helweg '54 p 119-24

Pickford, Grace Evelyn, and Atz, James W. Physiology of the pituitary gland of fishes. N.Y. zoological soc. '57 p489-574

Saffran, M. Stress and the pituitary. Psychiat Res Rep 7:8-9 Ap '57

Sathyanesan, A. G. Studies on the morphology and seasonal histological changes in the pituitary gland of the fresh water teleost cirrhina reba (Hamilton) Indian J Vet Sci & Animal Husbandry 28:19-20 Mr '58

Smith, Richmond Watson, and others, eds. Hypophyseal growth hormone, nature and actions; int. symposium. McGraw '55 incl bibliog

Wingstrand, Karl Georg. Structure and development of the avian pituitary from a comparative and functional viewpoint. Gleerup '51 p304-16

PITUITARY extract

See also

Oxytocin**PIVETEAU, Jean, 1898-**

Piveteau, Jean. Titres et travaux scientifiques. Masson '54 p27-32

—Supplément. Masson '55 p 10

PIZZETTI, Ildebrando, 1880-

Calabria, Emma. Ildebrando Pizzetti. La Nuova Italia letteraria '56 p27-31

PLACE names. See Names, Geographical**PLACENTA**

Hillemann, Howard Herbert. Organization, histology, and circulatory pattern of the near-term placenta of the guinea baboon, papio cynocephalus, Demarest. (Ore. state monographs. Studies in zoology, no8 [9]) Ore. state college '55 p 18-19

PLAGIOCLASE. See Feldspar**PLAGUE**

Blondheim, S. H. First recorded epidemic of pneumonic plague: the Bible, I Sam. VI. Bul Hist Med 29:343-5 Jl '55

Kartman, L. and Loneragan, R. P. Observations on rats in an enzootic plague region of Hawaii. Pub Health Rep 70:593 Je '55

Link, Vernon Bennett. History of plague in the United States of America. (U.S. Public health service. Public health monograph no26) U.S. Gov. ptg. office '55 incl bibliog

PLANARIANS. See Turbellaria**PLANETARIUM**

See also

Astronomical models**PLANETS**

See also

Mars (planet)**PLANING hulls. See Hulls (naval architecture)****PLANKTON**

Bainbridge, R. Size, shape and density of marine phytoplankton concentrations. Cambridge Philos Soc Biol R 32:113-15 F '57

Barry, B. M. Species of zooplankton as a means of identifying different surface waters and demonstrating their movements and mixing. Pac Sci 13:52-4 Ja '59

Bersamin, S. V. Fluctuations in the planktonic population of the estuaries of Navotas and Malabon. Philippine J Sci 86:355-6 D '57

Bogorov, B. G. Biogeographical regions of the plankton of the north-western Pacific ocean and their influence on the deep sea. Deep Sea Res 5:160-1 N '58

Bsharah, L. Plankton of the Florida current. Bul Marine Sci Gulf & Carib 7:249-51 S '57

Davis, Charles Carroll. Marine and freshwater plankton. Mich. state univ. press '55 p297-320

Davis, C. C. Plankton and industrial pollution in Cleveland harbor. Sewage & Ind Wastes 27:848-50 Jl '55

Edmondson, W. T. Relation of photosynthesis by phytoplankton to light in lakes. Ecology 37:172-4 Ja '56

Edmondson, W. T. Seasonal life history of daphnia in an arctic lake. Ecology 36:454-5 Jl '55

Edmondson, W. T. Trophic relations of the zooplankton. Am Micros Soc Trans 76: 241-5 Jl '57

Geiger, Ernest. Problems connected with the possible use of plankton for human nutrition. Am J Clin Nutrition 6:399-400 Jl '58

Indo-Pacific fisheries council. Symposium on marine and fresh-water plankton in the Indo-Pacific, Bangkok, January 25th and 26th, 1954. The council '54 incl bibliog

Kutkuhn, J. H. Plankton of North Twin Lake; with particular reference to the summer of 1955. Iowa State Coll J Sci 32:448-50 F '58

Lackey, J. B. and Hupp, E. R. Plankton populations in Indiana's White river. Am Water Works Assn J 48:1036 Ag '56

Odum, H. T. and others. Some red tide characteristics during 1952-1954. Bul Marine Sci Gulf & Carib 5:256-8 D '55

Ryther, J. H. Inhibitory effects of phytoplankton upon the feeding of daphnia magna with reference to growth, reproduction, and survival. Ecology 35:532-3 O '54

Saunders, G. W. Interrelations of dissolved organic matter and phytoplankton. Bot R 23:404-9 Je '57

Schwimmer, Morton, and Schwimmer, David. Role of algae and plankton in medicine. Grune '55 p66-80

Steele, J. H. Quantitative ecology of marine phytoplankton. Cambridge Philos Soc Biol R 34:155-8 My '59

Thomasson, Kuno. Nahuel Huapi; plankton of some lakes in an Argentine national park, with notes on terrestrial vegetation. (Svenska växtgeografiska sällskapet. Acta phytogeographica suecica, 42) Almqvist '59 p81-3

Tucker, A. Relation of phytoplankton periodicity to the nature of the physico-chemical environment with special reference to phosphorus. Am Midl Natur 57:368-70 Ap '57

Verduin, J. Phytoplankton and turbidity in western Lake Erie. Ecology 35:561 O '54

Whitford, L. A. Phytoplankton in North Carolina lakes and ponds. Elisha Mitchell Sci Soc J 74:155-7 N '58

Whittaker, R. H. and Fairbanks, C. W. Study of plankton copepod communities in the Columbia basin, southeastern Washington. Ecology 39:62-5 Ja '58

PLANKTON—Continued

Woodmansee, R. A. Seasonal distribution of the zooplankton of Chicken Key in Biscayne bay, Florida. *Ecology* 39:261-2 Ap '58

See also

Diatoms

PLANNING, Economic. See Economic planning

PLANT anatomy. See Botany—Anatomy

PLANT breeding

Archimowitsch, A. Selective breeding of sugar-beets in Russia and the U.S.S.R. *Bot R* 22:33-7 Ja '56

Brock, R. D. Cytological barriers in plant breeding. *Australian Inst Ag Sci J* 22:188 S '56

Brock, R. D. Mutation plant breeding. *Australian Inst Ag Sci J* 23:50 Mr '57

Commonwealth bureau of plant breeding and genetics. Plant breeding abstracts. The bureau. See numbers

Elgst, O. J. Induced polyploidy. *Am J Bot* 44:278-9 Mr '57

Elliott, Fred C. Plant breeding and cytogenetics. (McGraw-Hill pub. in agricultural sciences) McGraw '58 incl bibliog

Hanson, Angus Alexander, and Carnahan, Howard L. Breeding perennial forage grasses. (U.S. Dept. of agriculture. Technical bul. no 1145) U.S. Gov. ptg. office '56 p 100-16

Hayes, Herbert Kendall, and Immer, Forrest Rhinehart. Methods of plant breeding; 2d ed. [by the authors and] David Clyde Smith. (McGraw-Hill pub. in the agricultural sciences) McGraw '55 p497-518

Hayes, H. K. Half-century of crop breeding research. *Agron J* 49:630-1 D '57

Knight, Robert L. Abstract bibliography of cotton breeding and genetics, 1900-1950. (Technical communication no 17) Commonwealth bur. of plant breeding & genetics '54 256p

Pires, Domingos Rosado Victoria. Técnica do melhoramento de plantas. (A Terra e o homem; coleção de livros agrícolas, 25. 2. seção: Os fundamentos das ciências agrárias, no4) Livraria Sá da Costa '53 p393-418

Wales. University college, Aberystwyth. Welsh plant breeding station. Bibliography of articles, reports and scientific papers by members of staff, 1919-1955; comp. and ed. by Irene D. Rees. The station '56 98p

See also

Grafting

Hybridization (botany)

Plant propagation

Plants—Disease and pest resistance

Vernalization

Periodicals

Haan, H. de. Periodicals in the field of research on plant breeding. *Euphytica* 5:353-6 O '56

PLANT cancer. See Crown gall

PLANT cells and tissues

Agar, H. D. and Douglas, H. C. Studies on the cytological structure of yeast: electron microscopy of thin sections. *J Bact* 73:374-5 Mr '57

Bradley, M. V. and Crane, J. C. Effect of 2,4,5-trichlorophenoxyacetic acid on cell and nuclear size and endopolyploidy in parenchyma of apricot fruits. *Am J Bot* 42:280-1 Mr '55

Crane, F. L. Electron transport and cytochromes of sub-cellular particles from cauliflower buds. *Plant Physiol* 32:625 N '57

Currier, H. B. Callose substance in plant cells. *Am J Bot* 44:437-8 Je '57

Douglas, G. E. Inferior ovary. *Bot R* 23:36-41 Ja '57

Dugger, W. M. Autoradiography with plant tissue. *Bot R* 23:379-87 Je '57

Emmert, F. H. Comparison of different leaf samples and the total and soluble tests as indicators of apple tree nitrogen, potassium, and magnesium nutrition. *Am Soc Hort Sci Proc* 69:11-12 Je '57

Frey-Wyssling, Albert. Macromolecules in cell structure. *Harvard univ. press* '57 p98-103

Greulach, V. A. and Haesloop, J. G. Influence of gibberellic acid on cell division and cell elongation in phaseolus vulgaris. *Am J Bot* 45:570 Jl '58

Holden, D. J. Factors in dehiscence of the flax fruit. *Bot Gaz* 117:309 Je '56

Honda, S. I. and others. Studies in the metabolism of plant cells. *Australian J Biol Sci* 9:319-20; 11:14-15 Ag '56, F '58

Klein, R. M. and Link, G. K. Etiology of crown-gall. *Q R Biol* 30:264-77 S '55

Koch, W. J. Studies of the motile cells of chytrids. *Am J Bot* 43:818-19; 45:71-2 D '56, Ja '58

Küster, Ernst. Die pflanzenzelle; vorlesungen über normale und pathologische zytomorphologie und zytogenese; 3. neu bearb. auf. unter mitwirkung von Karl Hofer; hrsg. von Gertrud Küster-Winkelmann. Fischer '56 incl bibliog

Lance, A. Recherches cytologiques sur l'évolution de quelques méristèmes apicaux et sur ses variations provoquées par des traitements photopériodiques. (In *Annales des sciences naturelles. Botanique et biologie végétale. Sér. 11, v 18. Masson* '57 p338-400)

Loewenberg, J. R. Development of bean seeds (phaseolus vulgaris L.) *Plant Physiol* 30:249-50 My '55

Macdonald, I. R. and DeKock, P. C. Temperature control and metabolic drifts in ageing disks of storage tissue. *Ann Bot* 22:447-8 O '58

Muir, W. H. and others. Preparation, isolation, and growth in culture of single cells from higher plants. *Am J Bot* 45:597 O '58

Nitsch, J. P. and Nitsch, C. Auxin-dependent growth of excised helianthus tuberosus tissues. *Am J Bot* 43:850-1; 44:563-4 D '56, D '57

Northcote, D. H. Cell walls of higher plants. *Cambridge Philos Soc Biol R* 33:92-102 F '58

Plaisted, P. H. Growth of the potato tuber. *Plant Physiol* 32:452-3 S '57

Press, N. In quest of the osmophilic platelet; an electron microscope study. *Am J Bot* 44:467-9 Je '57

Rahn, J. E. Study of the three-dimensional configurations of sporogenous cells in the anthers of trillium erectum L. with special reference to the geometrical aspects of cell shape. *Torrey Bot Club Bul* 83:375-6 S '56

Roberts, E. A. and Proctor, B. E. Comparative effect of ionizing radiations and heat upon the starch containing cells of the potato tuber. *Food Res* 20:262-3 My '55

Sen, J. Fine structure in degraded, ancient and buried wood, and other fossilized plant derivatives. *Bot R* 22:371-4 Je '56

Siegl, S. M. Chemistry and physiology of lignin formation. *Q R Biol* 31:17-18 Mr '56

Sorokin, H. P. Mitochondria and precipitates of A-type vacuoles in plant cells. *Arnold Arbor J* 36:302-3 Ap '55

Sorokin, H. P. Mitochondria and spherosomes in the living epidermal cell. *Am J Bot* 42:231 Mr '55

Sorokin, H. P. Studies on living cells of pea seedlings. *Am J Bot* 43:793-4 D '56

Spurr, A. R. Effect of boron on cell-wall structure in celery. *Am J Bot* 44:649-50 O '57

Sterling, C. Sclereid development and the texture of Bartlett pears. *Food Res* 19:442-3 Jl '54

Sterling, C. and Spit, B. J. Microfibrillar arrangement in developing fibers of asparagus. *Am J Bot* 44:858-9 D '57

Steward, F. C. and others. Growth and organized development of cultured cells. *Am J Bot* 45:702-3, 708, 713 N-D '58

Torrey, J. G. and Shigemura, Y. Growth and controlled morphogenesis in pea root callus tissue grown in liquid media. *Am J Bot* 44:344 Ap '57

Truscott, F. H. On the regeneration of new shoots from isolated dodder haustoria. *Am J Bot* 45:176-7 Mr '58

Wheeler, G. E. Cell face correlations and geometrical necessity. *Am J Bot* 45:448-9 Je '58

See also

Cell division (botany)

Chloroplasts

Chromosomes (botany)

Cuticle (plants)

Differentiation (botany)

Meristems

Mitochondria

Phloem

Plastids

Pollen

Vascular bundles

Xylem

PLANT chemistry. See Botanical chemistry;
Plants—Chemical analysis

PLANT communities. See Botany—Ecology

PLANT cuttings

Doran, William Leonard. Propagation of woody plants by cuttings. (Mass. Agricultural experiment station. Bul. no491) College of agriculture, Univ. of Mass. '57 p81-90

Stangler, Bernard B. Origin and development of adventitious roots in stem cuttings of *chrysanthemum*, carnation, and rose. (Memoir 342) Agricultural experiment station, Cornell univ. '56 p22-4

Tyce, G. M. Growth substances in relation to the rooting of *salix fragilis* cuttings. *Ann Bot* 21:511-12 J1 '57

PLANT design. See Factories—Design and construction

PLANT diseases. See Plants—Diseases and pests

PLANT diseases and soils. See Soils and plant diseases

PLANT distribution. See Plants—Geographical distribution

PLANT ecology. See Botany—Ecology

PLANT embryology. See Botany—Embryology

PLANT enzymes. See Enzymes, Plant

PLANT evolution. See Plants—Evolution

PLANT genetics. See Genetics (botany)

PLANT hormones. See Hormones, Plant

PLANT introduction

Hellmers, H. and Ashby, W. C. Growth of native and exotic plants under controlled temperatures and in the San Gabriel mountains, California. *Ecology* 39:427-8 J1 '58

Hougas, R. W. and Ross, R. W. Use of foreign introductions in breeding American potato varieties. *Am Potato J* 33:337-9 N '56

PLANT lice

Archibald, K. D. Forest aphidae of Nova Scotia. *Nova Scotian Inst Sci Proc* 24 pt2: 175-92 '55-56

Badami, R. S. Changes in the transmissibility by aphids of a strain of cucumber mosaic virus. *Ann Ap Biol* 46:562 D '58

Bodenheimer, Friedrich Simon, and Swirski, E. Aphidoidea of the Middle East. Weizmann science press of Israel '57 p351-70

Chamberlin, Frank Shirley. History and status of the green peach aphid as a pest of tobacco in the United States. (U.S. Dept. of agriculture. Technical bul. no 1175) U.S. Gov. ptg. office '58 p 10-12

Cotter, W. Aphids of New Zealand. (Bul. 106) New Zealand. Dept. of scientific & industrial research '53 p357-67

Jensen, D. D. Parasites of the psyllidae. *Hilgardia* 27 no2:96-9 S '57

Johansen, Carl. Aphids of the state of Washington. (Stations circ. 243) Wash. agricultural experiment stations; Inst. of agricultural sciences, State college of Wash. '54 p25-8

Pašek, Vladislav. Vošky našich lesných dřevin, homoptera: aphidoidea. Vydavatel'stvo Slovenskej akad. vied '54 p 101-19

See also

Phylloxera

PLANT lore

Coon, Nelson. Using wayside plants; one hundred useful plants of the northeastern United States and how to use them. The author '57 p245-7

Grigson, Geoffrey. Englishman's flora. Macmillan '55 p433-7

Sieg, Hilde. Gottesseggen der kräuter. Staneck '53 p313-17

PLANT metabolism. See Metabolism (plants)

PLANT morphology. See Botany—Morphology

PLANT names, Popular

See also

Plant lore

PLANT names, Scientific. See Botany—Nomenclature

PLANT nutrition. See Plants—Nutrition

PLANT pathology. See Plants—Diseases and pests

PLANT physiology. See Botany—Physiology

PLANT population

Moore, D. M. Population studies on *viola lactea* Sm. and its wild hybrids. *Evolution* 13:331-2 S '59

Oberdorfer, Erich. Süddeutsche pflanzen-gesellschaften. (Pflanzensoziologie; eine reihe vegetationskundlicher gebietsmonographien, v 10) Fischer '57 p545-51

Stebbins, G. L. Self fertilization and population variability in the higher plants. *Am Natur* 91:353-4 N '57

PLANT propagation

Adrianse, Guy Webb, and Brison, Fred Robert. Propagation of horticultural plants. 2d ed (McGraw-Hill pub. in the agricultural sciences) McGraw '55 incl bibliog

Hottes, Alfred Carl. How to increase plants; with a sup. of latest developments by E. L. D. Seymour. (De la Mare Garden bks) Dodd '56 p252-3

Mahlstede, John P. and Haber, Ernest Straign. Plant propagation. Wiley '57 incl bibliog

See also

Grafting

Plant breeding

Plant cuttings

Seeds

PLANT protection. See Plants, Protection of

PLANT quarantine. See Quarantine, Plant

PLANT stems. See Stems (plants)

PLANT succession

Boughey, A. S. Ecological studies of tropical coast-lines. *J Ecol* 45:637 N '57

Churchill, E. D. and Hanson, H. C. Concept of climax in arctic and alpine vegetation. *Bot R* 24:181-91 F '58

Nelson, T. C. Original forests of the Georgia Piedmont. *Ecology* 38:396-7 J1 '57

Olson, J. S. Rates of succession and soil changes on southern Lake Michigan sand dunes. *Bot Gaz* 119:169-70 Mr '59

Webster, J. Succession of fungi on decaying cocksfoot culms. *J Ecol* 45:29-30 Ap '57

PLANT temperature. See Plants—Temperature

PLANT tumors. See Galls (botany); Tumors, Plant

PLANT viruses. See Viruses, Plant

PLANTAGENETS. See Great Britain—History —Plantagenets, 1154-1399

PLANTATION life

Jones, Katharine M. Plantation South. Bobbs '57 p393-9

Stein, Stanley Julian. Vassouras; a Brazilian coffee county, 1850-1900. (Harvard univ. Harvard historical studies, v69) Harvard univ. press '57 p301-10

Thompson, Edgar T. Plantation: a bibliography. (Social science monographs, 4) Social science sec, Dept. of cultural affairs, Pan Am. union '57 93p

—Same with title: Bibliografía de las plantaciones. (Estudios monográficos, 4) Social science sec, Dept. of cultural affairs, Pan Am. union '57 93p

PLANTS

See also

Abnormalities (plants)

Air plants

Angiosperms

Aquatic plants

Botany

Color of plants

Dormancy (plants)

Flowers

Forage plants

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Hormones (plants)

Leaves

Monocotyledons

Paleobotany

Poisonous plants

Shrubs

Succulent plants

Vegetation

Weeds

Absorption

See Absorption (plants)

Absorption of water

Brouwer, Rienk. Regulating influence of transpiration and suction tension on the water and salt uptake by the roots of intact *vicia faba* plants. *Acta Bot Neerland* 3 no2:309-12 '54

Ordin, L. and others. Auxin-induced water uptake by *avena coleoptile* sections. *Plant Physiol* 31:52-3 Ja '56

PLANTS—Absorption of water—Continued

- Philip, J. R. Osmotic cell, solute diffusibility, and the plant water economy. *Plant Physiol* 33:270-1 J1 '58
- Slatyer, R. O. Influence of progressive increases in total soil moisture stress on transpiration, growth, and internal water relationships of plants. *Australian J Biol Sci* 10:335-6 Ag '57
- Sparks, W. C. Review of abnormalities in the potato due to water uptake and translocation. *Am Potato J* 35:435-6 Mr '58
- Stone, E. C. and others. Water absorption by needles of ponderosa pine seedlings and its internal redistribution. *Plant Physiol* 31:125-6 Mr '56

Aluminum content

- Chenery, E. M. Preliminary study of aluminum and the tea bush. *Plant & Soil* 6:196-7 Mr '55

Amino acid content

- Fowden, L. Comparison of the compositions of some algal proteins. *Ann Bot* 18:265-6 J1 '54

Anatomy

See Botany—Anatomy

Ascorbic acid content

- Frazier, J. C. and others. Effect of supplemental lighting on the ascorbic acid concentration of greenhouse tomatoes. *Am Soc Hort Sci Proc* 64:359 '54

Assimilation

- Frear, D. S. and Burrell, R. C. Assimilation of N_2 from labeled hyponitrite. *Plant Physiol* 33:108-9 Mr '58

See also

Photosynthesis**Bleeding**

See Plants—Exudation

Breeding

See Plant breeding

Calcium content

- Bendaña-Brown, A. and Lim, C. Y. Availability of calcium in some Philippine vegetables. *J Nutrition* 67:467-8 Mr '59
- Spurr, A. R. Anatomical aspects of blossom-end rot in the tomato with special reference to calcium nutrition. *Hilgardia* 28 no 12:292-5 F '59

Carbohydrate content

- Alberda, T. Effects of cutting, light intensity and night temperature on growth and soluble carbohydrate content of lolium perenne L. *Plant & Soil* 8:229-30 Mr '57
- Dastur, R. H. and Bhatt, J. Effect of chemical hormones on the carbohydrate and nitrogen contents of cotton plant. *Indian J Ag Sci* 26:78-9 Mr '56
- Dugger, W. M. and others. Influence of boron on starch phosphorylase and its significance in translocation of sugars in plants. *Plant Physiol* 32:370 J1 '57

Chemical analysis

- Bergh, Helge. Determination of macro- and micronutrients in soil and plant material involving use of a photoelectric flame spectrograph and photoelectric colorimeter. *Akad. trykningscentral* '52 p45-57
- Buch, Margaret L. Bibliography of organic acids in higher plants. (ARS-73-18) U.S. Agricultural research service '57 136p
- Evans, H. J. Studies on cytochrome reductase in higher plants. *Plant Physiol* 30:443-4 S '55
- Littau, V. C. Cytochemical study of the chloroplasts in some higher plants. *Am J Bot* 45:52-3 Ja '58
- Lynn, Eldin Verne. Lynn index; a bibliog. of phytochemistry; organized and ed. by John W. Schermerhorn [and] Maynard W. Quimby, Mass. college of pharmacy '57-'60 4v
- Scheidecker, D. Diagnostic foliaire; éléments de documentation. Centre de phytysiologie, Office de la recherche scientifique et technique outre-mer '55 43p
- Thompson, J. F. and others. Partition chromatography and its use in the plant sciences. *Bot R* 25:229-63 Ja '59

Wilde, Sergius Alexander, and Voigt, Garth Kenneth. Analysis of soils and plants for foresters and horticulturists; diagnosis of soil productivity by field and laboratory methods. Edwards '55 incl bibliog

See also

Chlorophyll**Chemical composition**

- Anthony, W. B. and Reid, J. T. Methoxyl as an indicator of the nutritive value of forage. *J Dairy Sci* 41:1720-2 D '58
- Army, T. J. and Miller, E. V. Relationships of the cation suite and yield of turnip greens for selected extremes of soils, fertilizers, and environment. *Soil Sci* 21:182 Mr '57
- Gerwig, J. L. and Ahlgren, G. H. Effect of different fertility levels on yield, persistence, and chemical composition of alfalfa. *Agron J* 50:294 Je '58
- Gray, L. F. and others. Nutritive value of several foods grown at different locations. *J Nutrition* 63:357-9 N '57
- Honda, S. I. Succinoxidase and cytochrome oxidase in barley roots. *Plant Physiol* 30:409-10 S '55
- Influence of environment on the chemical composition of plants. *So Coop Ser Bul* 42:120-3 Je '55
- Keck, K. and Stich, H. Widespread occurrence of polyphosphate in lower plants. *Ann Bot* 21:617-18 O '57
- Kivimäe, A. Chemical composition and digestibility of some grassland crops. *Acta Ag Scand* 5 sup:138-42 '59
- Krupka, R. M. and Towers, G. H. N. Studies of the keto acids of wheat. *Can J Bot* 36:176-7, 185-6 Ja '58
- Leopold, A. C. and Price, C. A. Sulfhydryls in plants. *Plant Physiol* 32:524-5 N '57
- Lopez, A. and others. Composition of ten processing and table varieties of Virginia apples. *Food Res* 23:503-4 S '58
- Phillips, Max, and Bacot, Aubrey M. Chemical composition of representative grades of the 1951 and 1952 crops of burley tobacco, including chemical methods. (Technical bul. no 1186) Agricultural marketing service, U.S. Dept. of agriculture '58 p90-3
- Sereno, Mario N. and others. Effect of irradiation and subsequent controlled storage upon the composition of Maine Katahdin potatoes. (Bul. 569) Me. Agricultural experiment station, Univ. of Me. '57 p36-9
- Somers, G. F. and Kelley, W. C. Influence of shading upon changes in the ascorbic acid and carotene content of turnip greens as compared with changes in fresh weight, dry weight and nitrogen fractions. *J Nutrition* 62:58-60 My '57
- Troyer, J. R. Distribution of rutin and other flavonoid substances in buckwheat seedlings. *Plant Physiol* 30:173 Mr '55
- Unrau, A. M. and Nylund, R. E. Relation of physical properties and chemical composition to mealiness in the potato. *Am Potato J* 34:253, 311 S N '57
- Weinstein, L. H. and others. Senescence of roses. *Boyce Thompson Inst Contrib* 19:47-8, 346-8 J1 '57, Ap '58
- Young, E. G. and Langille, W. M. Occurrence of inorganic elements in marine algae of the Atlantic provinces of Canada. *Can J Bot* 36:309-10 My '58

See also

Fungi—Chemical composition**Leaves—Chemical composition****Classification**

See Botany—Classification

Conduction

See Plants—Translocation

Diseases and pests

- American phytopathological society. *Plant pathology; problems and progress, 1908-1958*; ed. by C. S. Holten [and others] Univ. of Wis. press '59 incl bibliog
- Bibliographie der pflanzenschutzliteratur, 1940-1945; bearb. von J. Bärner. Biologische zentralanstalt für land- und forstwirtschaft '53 2v
- Bibliographie der pflanzenschutzliteratur, 1946-1947[-1952] Biologische zentralanstalt für land- und forstwirtschaft '55-'58 5v
- Brown, W. On the physiology of parasitism in plants. *Ann Ap Biol* 43:340-1 S '55
- Carrera, César J. M. Catálogo de los parásitos vegetales hallados sobre plantas cultivadas en la Facultad de agronomía y veterinaria. (Boletín no 34) Facultad de agronomía y veterinaria, Univ. de Buenos Aires '57 p91-5

PLANTS—Diseases and pests—*Continued*

- Colwell, R. N. Determining the prevalence of certain cereal crop diseases by means of aerial photography. *Hilgardia* 26:284-5 N '56
- Crowley, N. C. Studies on the seed transmission of plant virus diseases. *Australian J Biol Sci* 10:460-2 N '57
- Forsberg, Junius Leonhard. Fusarium disease of gladioli: its causal agent. (Bul. v26, article 6) Ill. Natural history survey '55 p501-3
- Frickhinger, Hans Walter. Leitfaden der schädlingsbekämpfung. 3d rev ed Wissens-schaftliche verlagsgesellschaft '55 p477-81
- Geard, I. D. Role of therapy in the control of plant diseases. *Australian Inst Ag Sci J* 24:318 D '58
- John, V. T. Review of plant viroses [sic] in India. *Madras Univ J secB* 27:438-50 Ag '57
- Ludwig, R. A. and others. Studies on the seedling disease of barley caused by helminthosporium sativum P.K. & B. *Can J Bot* 34:672-3 J1 '56
- Marchionatto, Juan Bautista. Las enfermedades infecciosas de las plantas. Ed. Librería del colegio '52 p 103-9
- Mühle, Erich. Die krankheiten und schädlinge der arznei-, gewürz- und duftpflanzen. (Deutsche akad. der landwirtschaftswissenschaften. Wissenschaftliche abh., 17) Akademie-verlag '56 p248-78
- Müller, K. O. Studies on phytoalexins. *Australian J Biol Sci* 2:297-3, 313 Ag '58
- Muller, W. H. Influence of antibiotics of micro-organisms causing fruit and vegetable rots. *Am J Bot* 45:189-90 Mr '58
- Noble, Mary, and others. Annotated list of seed-borne diseases. Commonwealth mycological inst; Int. seed testing assn. '58 159p
- Rafal, F. Y. and others. Some biochemical factors involved in the resistance of the wheat plant to attack by the Hessian fly. *Cereal Chem* 32:450-1 N '55
- Richardson, L. T. Effect of insecticides and herbicides applied to soil on the development of plant diseases. *Can J Plant Sci* 37:203-4 J1 '57
- Schmidt, Martin. Landwirtschaftlicher pflanzen-schutz. 2d enl ed Deutscher bauernverlag '55 p366-80
- Smith, W. W. Occurrence of stem pitting and necrosis in some body stocks for apple trees. *Am Soc Hort Sci Proc* 63:112-13 '54
- Soviet publications in plant pathology and closely related fields; titles pub. from 1925 through early 1953 and available in the lib. of the U.S. Dept. of agriculture. Lib. U.S. Dept. of agriculture '53 336p
- Stakman, Elvin Charles, and Harrar, Jacob George. Principles of plant pathology. Ronald '57 incl bibliog
- Walker, John Charles. Plant pathology. 2d ed (McGraw-Hill pub. in the agricultural sciences) McGraw '57 incl bibliog
- See also*
- Bacteria, Phytopathogenic
 - Chlorosis (botany)
 - Crown gall
 - Deficiency diseases in plants
 - Fertilizers and plant diseases
 - Fungi in agriculture
 - Galls (botany)
 - Insects, Injurious and beneficial
 - Insects as carriers of plant diseases
 - Quarantine, Plant
 - Root rot
 - Rusts
 - Seeds as carriers of plant diseases
 - Smuts
 - Soils and plant diseases
 - Trees—Diseases and pests
 - Tumors, Plant
 - Virus diseases in plants
 - Wilt diseases

Periodicals

Biologische bundesanstalt für land- und forstwirtschaft, Berlin and Brunswick. Literaturquellen und ihre kürzungen aus der bibliographie der pflanzenschutzliteratur, bearb. von J. Bärner. The institution '58 167p

Ecology

See Botany—Ecology

Embryology

See Botany—Embryology

Evolution

- Andrews, H. N. and Alt, K. S. New fossil plant from the New Albany shale with some comments on the origin of land vascular plants. *Mo Bot Gard Ann* 43:370-1 N '56
- Kurabayashi, M. Evolution and variation in Japanese species of trillium. *Evolution* 12:309-10 S '58
- Leppik, E. E. Evolutionary relationship between entomophilous plants and anthophilous insects. *Evolution* 11:479-81 D '57
- Leppik, E. E. Form and function of numeral patterns in flowers. *Am J Bot* 43:455 J1 '56
- Lewis, H. and Raven, P. H. Rapid evolution in clarkia. *Evolution* 12:335-6 S '58
- Martin, G. W. Are fungi plants? *Mycologia* 47:790-2 N '55
- Steere, W. C. Evolution and speciation in mosses. *Am Natur* 92:18-20 Ja '58
- Stone, D. E. Unique balanced breeding system in the vernal pool mouse tails. *Evolution* 13:174 Je '59
- Tucker, J. M. and Muller, C. H. Reevaluation of the derivation of quercus margareta from quercus gambelii. *Evolution* 12:17 Mr '58
- See also*
- Phylogeny (botany)

Excretion

- Rovira, A. D. Plant root excretions in relation to the rhizosphere effect. *Plant & Soil* 7:193-4, 208, 216-17; 11:63-4 Ja-Mr '56, Je '59

Exudation

- Andel, Olga Marie van. Influence of salts on the exudation of tomato plants. *North-Holland pub. co.* '53 p517-21

Geographical distribution

- Axelrod, D. I. Evolution of the madro-tertiary geoflora. *Bot R* 24:506-9 J1 '58
- Braun, E. L. Phytogeography of unglaciated eastern United States and its interpretation. *Bot R* 21:368-75 Je '55
- Ellenberg, Heinz. Grundlagen der vegetationsgliederung; einföhrung in die vegetationskunde für studierende der hochschulen; v 1, Aufgaben und methoden der vegetationskunde. (Einföhrung in die phyto-logie, v4) Ulmer '56 p 130-4
- Elton, Charles Sutherland. Ecology of invasions by animals and plants. Wiley '58 p 160-74
- Hocker, H. W. Certain aspects of climate as related to the distribution of loblolly pine. *Ecology* 37:833-4 O '56
- Hu, S. Y. Statistics of compositae in relation to the flora of China. *Arnold Arbor J* 34:417-19 O '58
- Hultén, Eric. Amphi-Atlantic plants and their phytogeographical connections. (Svenska vetenskapsakademien. Handlingar, 4th ser, v7, no 1) Almqvist '53 p298-330
- Mathias, Mildred Esther, and Constance, Lincoln. Genus oreomyrrhis (umbelliferae) a problem in South Pacific distribution. (Calif. Univ. Pubs. in botany, v27, no6) Univ. of Calif. press '55 p415-16
- Proctor, M. C. F. Ecological and historical factors in the distributions of the British helianthemum species. *J Ecol* 46:370-1 J1 '58
- Sarkar, N. M. Cytotaxonomic studies on rumex section axillares. *Can J Bot* 36:993-6 N '58
- Schweinfurth, Ulrich. Die horizontale und vertikale verbreitung der vegetation im Himalaya. (Bonner geographische abh., no20) Dümmlers verlag '57 p335-64
- Szafer, Wladyslaw. Zarys ogólnej geografii roślin. 2d ed Panstwowe wydawn. naukowe '52 p378-99
- See also*
- Plant population

Growth

See Growth (plants)

Hardiness

- Levitt, Jacob. Hardiness of plants. (Agronomy, a ser. of monographs, v6) Academic press '56 p230-74

Hybridization

See Hybridization (botany)

Ion exchange

- Lagerwerff, J. V. Comparable effects of adsorbed and dissolved cations on plant growth. *Soil Sci* 86:68-9 Ag '58

PLANTS—Continued

Iron content

- Bolle-Jones, E. W. Interrelationships of iron and potassium in the potato plant. *Plant & Soil* 6:171-3 Mr '55
 Crooke, W. M. and others. Relationship between nickel toxicity and iron supply. *Ann Ap Biol* 41:323-4 Je '54

Metabolism

See Metabolism (plants)

Mineral content

- Cain, J. C. Blueberry chlorosis in relation to leaf pH and mineral composition. *Am Soc Hort Sci Proc* 64:69-70 '54
 Dawson, M. D. Influence of base saturation and calcium levels on yield and mineral content of alfalfa. *Soil Sci Soc Am Proc* 22:333 Jl '58
 Emmert, F. H. Comparison of different leaf samples and the total and soluble tests as indicators of apple tree nitrogen, potassium, and magnesium nutrition. *Am Soc Hort Sci Proc* 69:11-12 Je '57
 Gagnon, D. and others. Mineral nutrient content of some forest plant leaves and of the humus layer as related to site quality. *Can J Bot* 36:219-20 Mr '58
 Lovering, T. S. Significance of accumulator plants in rock weathering. *Geol Soc Am Bul* 70:799-800 Je '59
 Wehrmann, J. Mangan, kupfer und kobalt in pflanzen und böden schleswig-holsteinscher weidegebiete. *Plant & Soil* 6:82-3 Ja '55

See also

Trace elements

Morphology

See Botany—Morphology

Nickel content

- Crooke, W. M. and others. Relationship between nickel toxicity and iron supply. *Ann Ap Biol* 41:323-4 Je '54

Nitrogen content

- Dastur, R. H. and Bhatt, J. Effect of chemical hormones on the carbohydrate and nitrogen contents of cotton plant. *Indian J Ag Sci* 26:78-9 Mr '56
 Frear, D. S. and Burrell, R. C. Assimilation of N_2 from labeled hyponitrite. *Plant Physiol* 33:108-9 Mr '58
 Wallace, A. and others. Translocation of nitrogen in citrus trees. *Am Soc Hort Sci Proc* 64:103-4 '54
 Weinstein, L. H. and others. Effect of ethylenediaminetetraacetic acid on nitrogen metabolism and enzyme patterns in soybean plants. *Boyce Thompson Inst Contrib* 18:368-70 O '56

Nomenclature

See Botany—Nomenclature

Nutrition

- American potash institute. Bibliography of literature on potash as a plant nutrient. The institute. See numbers annot
 American potash institute. Boron as a plant nutrient; a bibliog. of literature pub. and reviewed Jan. 1953 through Dec. 1953. The institute '55 77, xxvi p
 American potash institute. Library. List of references to literature on potash as a plant nutrient. The library. See numbers thru Ap 1956
 Chelates in plant nutrition. *Soil Sci* 84:1-97 Jl '57 incl bibliog
 Delap, A. V. and Ford, E. M. Studies in the nutrition of apple rootstocks. *Ann Bot* 22:156-8 Ap '58
 Gilbert, Frank Albert. Mineral nutrition and the balance of life. Univ. of Okla. press '57 p264-336
 International minerals & chemical corporation. Research library. Magnesium for plant nutrition; a summary of abstracts, rev. Sept. 1958. The library '58 285p annot
 Lal, K. N. and Subba Rao, M. S. Micro-element nutrition of plants. Banaras Hindu Univ. press '54 incl bibliog
 Michigan. State university of agriculture and applied science. Nutrition of plants, animals, man; centennial symposium, 1855-1955. The college '55 incl bibliog

- Nederlandsch genootschap voor landbouw-wetenschap. De plantenwortel in de landbouw; voordrachten, gehouden op de A-cursus van 14-16 Sept. 1954; uitgaande van het Genootschap, het Nederlands inst. van landbouwkundig ingenieurs, het Ministerie van landbouw, visserij en voedselvoorziening en de Landbouwhogeschool. Ministerie van landbouw, visserij en voedselvoorziening '55 incl bibliog
 Scharer, Karl, and Bürke, Rudolf. Fortschritte der agrikulturnchemie (pflanzenernährung). (Technische fortschrittsberichte, v56) Steinkopff '55 p237-318
 Sutcliffe, J. F. Salt uptake in plants. Cambridge Philas Soc Biol R 34:211-18 My '59

See also

- Deficiency diseases in plants
 Fertilizers and manures
 Photosynthesis

Pathology

See Plants—Diseases and pests

Phosphorus content

- Honda, S. I. Salt respiration and phosphate contents of barley roots. *Plant Physiol* 31:69-70 Ja '56
 Nye, P. H. and Foster, W. N. M. Study of the mechanism of soil-phosphate uptake in relation to plant species. *Plant & Soil* 9:351-2 Jl '58

Physiology

See Botany—Physiology

Potassium content

- Bolle-Jones, E. W. Interrelationships of iron and potassium in the potato plant. *Plant & Soil* 6:171-3 Mr '55
 Hammond, L. C. and others. Effect of oxygen and carbon dioxide levels upon absorption of potassium by plants. *Plant Physiol* 30:160-1 Mr '55
 Ward, G. M. Potassium in plant metabolism. *Can J Plant Sci* 38:299; 39:252 Jl '58. Ap '59

Propagation

See Plant propagation

Protein content

- Fowden, L. Comparison of the compositions of some algal proteins. *Ann Bot* 18:265-6 Jl '54
 Suskind, S. R. Properties of a protein antigenically related to tryptophan synthetase in *neurospora crassa*. *J Bact* 74:317-18 S '57

Reproduction

- Drew, K. M. Reproduction in the bangio-phyceae. *Bot R* 22:599-604 annot O '56
 Fryxell, P. A. Mode of reproduction of higher plants. *Bot R* 23:213-33 Mr '57

See also

- Apogamy
 Fertilization of plants
 Heterothallism
 Plants, Sex in
 Spores

Respiration

- Brown, F. A. and others. Persistent rhythms of O_2 -consumption in potatoes, carrots and the seaweed, fucus. *Plant Physiol* 30:292 My '55
 Hackett, D. P. Pathways of oxidation in cell-free potato fractions. *Plant Physiol* 31:117-18; 33:13 Mr '56, Ja '58
 Hackett, D. P. and Haas, D. W. Oxidative phosphorylation and functional cytochromes in skunk cabbage mitochondria. *Plant Physiol* 33:32 Ja '58
 Handley, R. and Overstreet, R. Respiration and salt absorption by excised barley roots. *Plant Physiol* 30:425-6 S '55
 Honda, S. I. Salt respiration and phosphate contents of barley roots. *Plant Physiol* 31:69-70 Ja '56
 Macdonald, I. R. and DeKock, P. C. Temperature control and metabolic drifts in ageing disks of storage tissue. *Ann Bot* 22:447-8 O '58
 Maxie, E. C. and others. Effect of various oxygen concentrations on the respiration of Wickson plum fruit and fruit tissues. *Am Soc Hort Sci Proc* 71:155-6 '58
 O'Kelley, J. C. External carbohydrates in growth and respiration of pollen tubes in vitro. *Am J Bot* 42:326-7 Mr '55
 Ordin, L. and Jacobson, L. Inhibition of iron absorption and respiration in barley roots. *Plant Physiol* 30:26-7 Ja '55

PLANTS—Respiration—*Continued*

Price, C. A. and Thimann, K. V. Dehydrogenase activity and respiration; a quantitative comparison. *Plant Physiol* 29:499-500 N '54

Tang, P. S. and others. Respiratory pathways in rice seedlings and respiration as an adaptive physiological function of the living plant. *Scientia Sinica* 5:531-3 S '56

See also

Fungi—Respiration

Space arrangement

See Plants, Space arrangement of

Sugar content

Lambou, M. G. Effects of curing, storage and dehydration on the mono- and disaccharides of the sweet potato. *Food Tech* 12:154-5 Mr '58

Watada, A. E. and Kunkel, R. Variation in reducing sugar content in different varieties of potatoes. *Am Potato J* 32:140 Ap '55

Temperature

Wilson, J. W. Observations on the temperatures of arctic plants and their environment. *J Ecol* 45:530-1 Jl '57

Translocation

Barrier, G. E. and Loomis, W. E. Absorption and translocation of 2,4-dichlorophenoxyacetic acid and P^{32} by leaves. *Plant Physiol* 32:230-1 My '57

Biddulph, O. and Cory, R. Analysis of translocation in the phloem of the bean plant using THO , P^{32} , and C^{14} . *Plant Physiol* 32:618-19 N '57

Biddulph, O. and others. Circulation patterns for phosphorus, sulfur and calcium in the bean plant. *Plant Physiol* 33:299-300 Jl '58

Broyer, T. C. Current views on solute movement into plant roots. *Am Soc Hort Sci Proc* 67:685-6 '56

Crafts, A. S. and Yamaguchi, S. Comparative tests on the uptake and distribution of labeled herbicides by *zebrina pendula* and *tradescantia fluminensis*. *Hilgardia* 27 no 16:439-40 Ag '58

Dugger, W. M. and others. Influence of boron on starch phosphorylase and its significance in translocation of sugars in plants. *Plant Physiol* 32:370 Jl '57

Hay, J. R. and Thimann, K. V. Fate of 2,4-dichlorophenoxyacetic acid in bean seedlings. *Plant Physiol* 31:386-7 S '56

Leonard, O. A. Studies on the absorption and translocation of 2,4-D in bean plants. *Hilgardia* 28 no5:159-60 N '58

Mollenhauer, R. and Smith, C. B. Tomato plant absorption and translocation of manganese and zinc from dithiocarbamate fungicide sprays. *Am Soc Hort Sci Proc* 63:302-3 '54

Sparks, W. C. Review of abnormalities in the potato due to water uptake and translocation. *Am Potato J* 35:435-6 Mr '58

Thorne, G. N. Factors affecting uptake of radioactive phosphorus by leaves and its translocation to other parts of the plant. *Ann Bot* 22:397-8 Jl '58

Wallace, A. and others. Translocation of nitrogen in citrus trees. *Am Soc Hort Sci Proc* 64:103-4 '54

Wiebe, H. H. and Kramer, P. J. Translocation of radioactive isotopes from various regions of roots of barley seedlings. *Plant Physiol* 29:348 Jl '54

Zimmermann, M. H. Translocation of organic substances in trees. *Plant Physiol* 32:290-1, 404: 33:217 Jl-S '57, My '58

Transpiration

Baker, J. E. and others. Effects of boron on the water relations of higher plants. *Plant Physiol* 31:93-4 Mr '56

Brouwer, Rienk. Regulating influence of transpiration and suction tension on the water and salt uptake by the roots of intact *vicia faba* plants. *Acta Bot Neerland* 3 no2: 309-12 '54

Vitamin content

Somers, G. F. and Kelly, W. C. Influence of shading upon changes in the ascorbic acid and carotene content of turnip greens as compared with changes in fresh weight, dry weight and nitrogen fractions. *J Nutrition* 62:58-60 My '57

Weits, J. Preparation of roughage samples for biological determination of vitamin D content. *J Dairy Sci* 41:1092-3 Ag '58

See also

Plants—Ascorbic acid content

Water requirements

See Water requirements of plants

PLANTS, Aquatic. *See* Aquatic plants

PLANTS, Carbohydrates in

See also

Plants—Sugar content

PLANTS, Cultivated

See also

Plants, Edible

PLANTS, Edible

Fernald, Merritt Lyndon, and Kinsey, Alfred Charles. Edible wild plants of eastern North America; rev. by Reed C. Rollins. Harper '58 p415-22

PLANTS, Effect of air pollution on. *See* Air pollution—Effect on plants

PLANTS, Effect of antibiotics on

Barton, L. V. and MacNab, J. Effect of antibiotics on plant growth. Boyce Thompson Inst Contrib 17:433-4 Ap '54

PLANTS, Effect of arsenic on

London. Science museum. Science library. Toxicity to plants of arsenic in soil. (Bibliog. ser. no753) The library '57 2p

PLANTS, Effect of boron on

American potash institute. Boron as a plant nutrient; a bibliog. of literature pub. and reviewed Jan. 1953 through Dec. 1953. The institute '55 77, xxvi p

Baker, J. E. and others. Effects of boron on the water relations of higher plants. *Plant Physiol* 31:93-4 Mr '56

Dugger, W. M. and others. Influence of boron on starch phosphorylase and its significance in translocation of sugars in plants. *Plant Physiol* 32:370 Jl '57

Gauch, Hugh Gilbert, and Dugger, Willie Mack. Physiological action of boron in higher plants; a review and interpretation. (Bul. A-80) Agricultural experiment station, Univ. of Md. '54 p29-43

Spurr, A. R. Effect of boron on cell-wall structure in celery. *Am J Bot* 44:649-50 O '57

PLANTS, Effect of calcium on

Kalra, G. S. Responses of the tomato plant to calcium deficiency. *Bot Gaz* 118:36-7 S '56

Loneragan, J. F. Calcium in the nitrogen metabolism of subterranean clover. *Australian J Biol Sci* 12:38-9 F '59

PLANTS, Effect of carbamates on

Al-Aish, M. and Brown, W. V. Grass germination responses to isopropyl-phenyl carbamate and classification. *Am J Bot* 45:23 Ja '58

PLANTS, Effect of carbohydrates on

Ferguson, J. D. and others. Carbohydrate nutrition of tomato roots. *Ann Bot* 22:523, 538; 23:105 O '58-Ja '59

O'Kelley, J. C. External carbohydrates in growth and respiration of pollen tubes in vitro. *Am J Bot* 42:326-7 Mr '55

PLANTS, Effect of carbon dioxide on

Ruck, H. C. and Bolas, B. D. Effect of soil carbon dioxide on manganese uptake and growth of the potato. *J Hort Sci* 29:201-2 Jl '54

PLANTS, Effect of climate on

Blaisdell, James Pershing. Seasonal development and yield of native plants on the upper Snake River plains and their relation to certain climatic factors. (Technical bul. 1190) U.S. Dept. of agriculture '58 p64-8

Carder, A. C. Growth and development of some field crops as influenced by climatic phenomena at two diverse latitudes. *Can J Plant Sci* 37:405-6 O '57

Harding, R. B. and others. Size fluctuations of Valencia oranges in major California citrus districts, 1932 to 1952, indicate significance of climate as a cause of small-sized fruit. *Am Soc Hort Sci Proc* 64:137-8 '54

Hocker, H. W. Certain aspects of climate as related to the distribution of loblolly pine. *Ecology* 37:833-4 O '56

Neish, A. C. Seasonal changes in metabolism of spruce leaves. *Can J Bot* 36:661-2 S '58

See also

Meteorology
Meteorology, Agricultural

PLANTS, Effect of colchicine on

Eigsti, O. J. Induced polyploidy. *Am J Bot* 44:278-9 Mr '57

PLANTS, Effect of gamma rays on

Sereno, Mario N. and others. Effect of irradiation and subsequent controlled storage upon the composition of Maine Katahdin potatoes. (Bul. 563) Me. Agricultural experiment station, Univ. of Me. '57 p36-9

PLANTS, Effect of hydrogen ion concentration on

- DeKock, P. C. Iron nutrition of plants at high pH. *Soil Sci* 79:174-5 Mr '55
Wedding, R. T. and Erickson, L. C. Role of pH in the permeability of chlorella to 2.4-D. *Plant Physiol* 32:512 N '57

PLANTS, Effect of iron on

- Bolle-Jones, E. W. Interrelationships of iron and potassium in the potato plant. *Plant & Soil* 6:171-3 Mr '55
Crooke, W. M. and others. Relationship between nickel toxicity and iron supply. *Ann Ap Biol* 41:323-4 Je '54
DeKock, P. C. Heavy metal toxicity and iron chlorosis. *Ann Bot* 20:140-1 Ja '56
DeKock, P. C. Iron nutrition of plants at high pH. *Soil Sci* 79:174-5 Mr '55
Weinstein, L. H. and Robbins, W. R. Effect of different iron and manganese nutrient levels on the catalase and cytochrome oxidase activities of green and albino sunflower leaf tissues. *Plant Physiol* 30:31-2 Ja '55

PLANTS, Effect of light on

- Alston, R. E. Leuco-anthocyanin synthesis in dark-grown seedlings of *impatiens balsamina*. *Am J Bot* 45:294 Ap '58
Bloom, W. W. and Voth, P. D. Responses of regnellidium diphyllum to nutrient supply and photoperiod. *Bot Gaz* 117:192-3 Mr '56
Chance, B. and Sager, R. Oxygen and light induced oxidations of cytochrome, flavoprotein, and pyridine nucleotide in a *chlamydomonas* mutant. *Plant Physiol* 32:560-1 N '57
Chandler, E. L. and Watson, D. P. Contributions of various light intensities to the growth and yield of greenhouse roses. *Am Soc Hort Sci Proc* 64:446-7 '54
Downs, R. J. Photoreversibility of flower initiation. *Plant Physiol* 31:283-4 Jl '56
Downs, R. J. and Borthwick, H. A. Effects of photoperiod on growth of trees. *Bot Gaz* 117:325-6 Je '56
Frazier, J. C. and others. Effect of supplemental lighting on the ascorbic acid concentration of greenhouse tomatoes. *Am Soc Hort Sci Proc* 64:359 '54
Kamemoto, H. and Nakasone, H. Y. Flowering behavior of chrysanthemums in tropical Hawaii. *Am Soc Hort Sci Proc* 64:481-2 '54
Lance, A. Recherches cytologiques sur l'évolution de quelques méristèmes apicaux et sur ses variations provoquées par des traitements photopériodiques. (In *Annales des sciences naturelles. Botanique et biologie végétale*. Sér 11, v 18. Masson '57 p388-400)
Mer, C. L. Re-examination of the supposed effect of riboflavin on growth. *Plant Physiol* 32:185 My '57
Nanda, K. K. and Chinoy, J. J. Analysis of factors determining yield in crop plants: varietal differences in yield of grain and straw of wheat as influenced by photoperiodic treatments. *Plant Physiol* 32:161-2 My '57
Nitsch, J. P. Photoperiodism in woody plants. *Am Soc Hort Sci Proc* 70:542-4 D '57
Pilet, P. E. and Went, F. W. Control of growth of lens culinaris by temperature and light. *Am J Bot* 43:197-8 Mr '56
Schwabe, W. W. Effects of natural and artificial light in arctic latitudes on long- and short-day plants as revealed by growth analysis. *Ann Bot* 20:620-2 O '56
Sen, S. P. and Leopold, A. C. Influence of light and darkness upon carbon dioxide fixation. *Plant Physiol* 31:328-9 S '56
Somers, G. F. and Kelly, W. C. Influence of shading upon changes in the ascorbic acid and carotene content of turnip greens as compared with changes in fresh weight, dry weight and nitrogen fractions. *J Nutrition* 62:58-60 My '57
Stearns, F. and Olson, J. Interactions of photoperiod and temperature affecting seed germination in *tsuga canadensis*. *Am J Bot* 45:58 Ja '58
Withrow, R. B. and others. Action spectra of photomorphogenic induction and its photo-inactivation. *Plant Physiol* 32:462 S '57

See also

Plants, Effect of ultraviolet rays on

PLANTS, Effect of magnesium on

- International minerals & chemical corporation. Research library. Magnesium for plant nutrition: a summary of abstracts. rev. Sept. 1958. The library '58 285p annot

- Mulder, E. G. Nitrogen-magnesium relationships in crop plants. *Plant & Soil* 7:373-6 Je '56

PLANTS, Effect of manganese on

- Eyster, C. and others. Manganese requirement with respect to growth, Hill reaction and photosynthesis. *Plant Physiol* 33:240-1 Jl '58
Ruck, H. C. and Bolas, B. D. Effect of manganese on the assimilation and respiration rate of isolated rooted leaves. *Ann Bot* 18:296-7 Jl '54
Ruck, H. C. and Bolas, B. D. Effect of soil carbon dioxide on manganese uptake and growth of the potato. *J Hort Sci* 29:201-2 Jl '54
Weinstein, L. H. and Robbins, W. R. Effect of different iron and manganese nutrient levels on the catalase and cytochrome oxidase activities of green and albino sunflower leaf tissues. *Plant Physiol* 30:31-2 Ja '55

PLANTS, Effect of metals on. See Plants, Effect of minerals on

PLANTS, Effect of minerals on

- Biddulph, O. Studies of mineral nutrition by use of tracers. *Bot R* 21:286-95 My '55
Bloom, W. W. and Voth, P. D. Responses of regnellidium diphyllum to nutrient supply and photoperiod. *Bot Gaz* 117:192-3 Mr '56
Delap, A. V. and Ford, E. M. Studies in the nutrition of apple rootstocks. *Ann Bot* 22:156-8 Ap '58
Forster, W. A. Toxic effects of heavy metals on crop plants grown in soil culture. *Ann Ap Biol* 41:649-51 D '54
Iljin, V. S. Bioquímica de plantas cloróticas desarrolladas en suelos calcareos. *Agron Trop* 3:196-200 O '53
McCorquodale, D. J. and Duncan, R. E. Plant growth inhibitions by certain imidazole compounds and their preventions with metal ions. *Am J Bot* 44:722 O '57
McGregor, John M. and Mulvehill, John F. Effect of trace elements on alfalfa and oats in Minnesota. (Technical bul. 213) Agricultural experiment station, Univ. of Minn. '55 p 16
Nicholas, D. J. D. Function of trace metals in the nitrogen metabolism of plants. *Ann Bot* 21:597-8 O '57
Rice, M. D. and Jones, G. B. Distribution of zinc and copper in subterranean clover (*trifolium subterraneum* L.) grown in culture solutions supplied with graduated amounts of zinc. *Australian J Ag Res* 9:120-2 Ja '58
Schütte, K. H. Significance of micronutrients. *Econ Bot* 11:158-9 Ap '57
Sideris, C. P. and Young, H. Y. Pineapple chlorosis in relation to iron and nitrogen. *Plant Physiol* 31:221-2 My '56
Ulrich, A. and Ohki, K. Chlorine, bromine and sodium as nutrients for sugar beet plants. *Plant Physiol* 31:180-1 My '56

See also

Plants, Effect of iron [manganese, nitrogen, etc] on

PLANTS, Effect of molybdenum on

- Agarwala, S. C. and Hewitt, E. J. Molybdenum as a plant nutrient. *J Hort Sci* 29:289-90, 299-300 O '54
Mulder, E. G. Molybdenum in relation to growth of higher plants and micro-organisms. *Plant & Soil* 5:413-15 O '54
Wolfe, M. Effect of molybdenum upon the nitrogen metabolism of *anabaena cylindrica*. *Ann Bot* 18:307-8, 324-5 Jl '54

PLANTS, Effect of neutrons on

- Deschner, E. and Sparrow, A. H. Chromosome rejoining capacity with respect to breakage sensitivity to X-rays and thermal neutrons. *Genetics* 40:474-5 Jl '55

PLANTS, Effect of nickel on

- Crooke, W. M. and others. Relationship between nickel toxicity and iron supply. *Ann Ap Biol* 41:323-4 Je '54

PLANTS, Effect of nitrogen on

- Allen, M. B. and Arnon, D. I. Studies on nitrogen-fixing blue-green algae. *Plant Physiol* 30:371-2 Jl '55
Benson, N. R. and others. Effects of levels of nitrogen and pruning on Starking and Golden Delicious apples. *Am Soc Hort Sci Proc* 70:38-9 D '57
Mulder, E. G. Nitrogen-magnesium relationships in crop plants. *Plant & Soil* 7:373-6 Je '56

PLANTS, Effect of nitrogen on—Continued

Thomas, W. H. and Krauss, R. W. Nitrogen metabolism in scenedesmus as affected by environmental changes. *Plant Physiol* 30: 121-2 Mr '55

Wolfe, M. Effect of molybdenum upon the nitrogen metabolism of *anabaena cylindrica*. *Ann Bot* 18:307-8, 324-5 Jl '54

PLANTS, Effect of oxygen on

Chance, B. and Sager, R. Oxygen and light induced oxidations of cytochrome, flavo-protein, and pyridine nucleotide in a *chlamydomonas* mutant. *Plant Physiol* 32: 560-1 N '57

PLANTS, Effect of phosphorus on

Bingham, F. T. and others. Effects of phosphorus fertilization of California soils on minor element nutrition of citrus. *Soil Sci* 86:30-1 Jl '58

PLANTS, Effect of potash on

American potash institute. Bibliography of literature on potash as a plant nutrient. The institute. See numbers annot
American potash institute. Library. List of references to literature on potash as a plant nutrient. The library. See numbers thru Ap 1956

PLANTS, Effect of potassium on

Bolle-Jones, E. W. Interrelationships of iron and potassium in the potato plant. *Plant & Soil* 6:171-3 Mr '55

PLANTS, Effect of radiation on

Gordon, S. A. and Weber, R. P. Studies on the mechanism of phytohormone damage by ionizing radiation. *Plant Physiol* 30:209-10 My '55

Lawrence, T. Production of mutations by the irradiation of Montcalm barley. *Can J Bot* 33:529-30 N '55

Pedersen, S. Effect of ionizing radiations on sprout prevention and chemical composition of potatoes. *Food Tech* 10:536 N '56

Smith, H. H. Radiation in the production of useful mutations. *Bot R* 24:19-24 Ja '58

Sparrow, Arnold H. and others. Bibliography on the effects of ionizing radiations on plants, 1896-1955. (B.N.L. 504 (L-103)) Biology dept, Brookhaven nat. laboratory '58 222p

PLANTS, Effect of radioactivity on

Sparrow, A. H. and others. Tumor formation and other morphogenetic responses in an amphidiploid tobacco hybrid exposed to chronic gamma irradiation. *Am J Bot* 43: 337-8 My '56

PLANTS, Effect of salts on

Andel, Olga Marie van. Influence of salts on the exudation of tomato plants. North-Holland pub. co '53 p517-21

United States. Regional salinity laboratory, Riverside, California. Report of progress, 1958-1959. Div. of soil & plant relationships, Bur. of plant industry, soils, & agricultural engineering, Agricultural research adm, U.S. Dept. of agriculture '53 p37-8

PLANTS, Effect of sea water on

Sideris, C. P. Effects of sea water sprays on pineapple plants. *Phytopathology* 45:594 N '55

PLANTS, Effect of sodium on

Lehr, J. J. and Wybenga, J. M. Exploratory pot experiments on sensitiveness of different crops to sodium. *Plant & Soil* 6:259-61; 9: 252-3 My '55, Mr '58

PLANTS, Effect of soil temperature on

Army, T. J. and Miller, E. V. Relationships of the cation suite and yield of turnip greens for selected extremes of soils, fertilizers, and environment. *Soil Sci* 21:182 Mr '57

PLANTS, Effect of temperature on

Eaks, I. L. and Morris, L. L. Deterioration of cucumbers at chilling and non-chilling temperatures. *Am Soc Hort Sci Proc* 69: 398-9 Je '57

Ewart, M. H. and others. Studies on the chemistry of the living bark of the black locust in relation to its frost hardiness. *Plant Physiol* 29:412-13 S '54

Hellmers, H. and Ashby, W. C. Growth of native and exotic plants under controlled temperatures and in the San Gabriel mountains, California. *Ecology* 39:427-8 Jl '58

Macdonald, I. R. and DeKock, P. C. Temperature control and metabolic drifts in ageing disks of storage tissue. *Ann Bot* 22: 447-8 O '58

Nelson, S. H. and Tukey, H. B. Effects of controlled root temperatures on the growth of East Malling rootstocks in water culture. *J Hort Sci* 31:62-3 Ja '56

Pilet, P. E. and Went, F. W. Control of growth of lens culinaris by temperature and light. *Am J Bot* 43:197-8 Mr '56

Stearns, F. and Olson, J. Interactions of photoperiod and temperature affecting seed germination in *tsuga canadensis*. *Am J Bot* 45:58 Ja '58

Wilson, J. W. Observations on the temperatures of arctic plants and their environment. *J Ecol* 45:530-1 Jl '57

See also

Fungi, Effect of temperature on

PLANTS, Effect of ultraviolet rays on

Benda, G. T. A. Some effects of ultra-violet radiation on leaves of French bean (*phaseolus vulgaris* L.) *Ann Ap Biol* 43:84-5 Mr '55

PLANTS, Effect of water on. See Water requirements of plants

PLANTS, Effect of X rays on

Beatty, A. V. and others. Effects of various intensities of X radiation on chromosomal aberrations. *Am J Bot* 43:331-2 My '56

Davidson, D. Irradiation of dividing cells: changes in sensitivity to X-rays during mitosis. *Ann Bot* 22:194-5 Ap '58

Deschner, E. and Sparrow, A. H. Chromosome rejoining capacity with respect to breakage sensitivity to X-rays and thermal neutrons. *Genetics* 40:474-5 Jl '55

Mitra, S. Effects of X-rays on chromosomes of liliun longiflorum during meiosis. *Genetics* 43:787-9 N '58

Steffensen, D. Effects of various cation imbalances on the frequency of X-ray-induced chromosomal aberrations in *tridescantia*. *Genetics* 42:251-2 My '57

Walters, Marta (Sherman). Study of half-chromatid fragments in meiosis of the hybrid *bromus trinii* x *B. maritimus*. (Calif. Univ. Pubs. in botany, v28, no 1) Univ. of Calif. press '55 p 12-13

PLANTS, Effect of zinc on

Callbeck, L. C. Progress report on the effect of zinc as a constituent on potato fungicides. *Am Potato J* 31:348 N '54

PLANTS, Flowering of

Salisbury, F. B. Growth regulators and flowering. *Plant Physiol* 32:607-8 N '57

PLANTS, Fossil. See Paleobotany

PLANTS, Luminous. See Luminescence, Biological

PLANTS, Medicinal. See Botany, Medical**PLANTS, Ornamental**

Pape, Heinrich. Krankheiten, und schädlinge der zierpflanzen und ihre bekämpfung. 4th rev & enl ed Parey '55 p531-4

PLANTS, Poisonous. See Poisonous plants**PLANTS, Protection of**

Auersch, O. Über den pflanzenschutz in der UdSSR. Halle Univ Wiss Z Math Naturw Reihe 5:58-9 N '55

New Zealand. Plant diseases division. Plant protection in New Zealand, by J. D. Atkinson (and others) R. E. Owen '56 incl bibliog

PLANTS, Sex in

Foley, J. M. Occurrence, characteristics and genetic behavior of albino gametophytes in *allomyces*. *Am J Bot* 45:647-8 O '58

Hartmann, M. Sex problems in algae, fungi and protozoa. *Am Natur* 89:344-6 N '55

Heslop-Harrison, J. Experimental modification of sex expression in flowering plants. *Cambridge Philos Soc Biol R* 32:83-8 F '57

Olive, L. S. On the evolution of heterothallism in fungi. *Am Natur* 92:250-1 Jl '58

Thomas, R. G. Sexuality in diploid and hexaploid races of *mercurialis annua* L. *Ann Bot* 22:71-2 Ja '58

See also

Fungi, Sex in

Sterility in plants

PLANTS, Space arrangement of

Peebles, Robert Hibbs, and others. Effect of spacing on some agronomic and fiber characteristics of irrigated cotton. (U.S. Dept. of agriculture. Technical bul. no 1140) U.S. Gov. ptg. office '56 p60-2

Shubeck, Fred E. and Caldwell, A. C. Effects of fertilizers and stand on corn and of stand on soil moisture. (Technical bul. 214) Agricultural experiment station, Univ. of Minn. '55 p22-3

Smith, J. H. G. Better yields through wider spacing. *J For* 56:497 Jl '58

PLANTS, Temperature of. See Plants—Temperature

PLANTS, Translocation in. See Plants—Translocation

PLANTS, Water requirements of. See Water requirements of plants

PLANTS, Watering of. See Watering of plants

PLANTS in art

Behling, Lottisa. Die pflanze in der mittelalterlichen tafelmalerie. Böhlau nachfolger '57 p 186-90, 219-21

PLASMA. See Blood—Plasma

PLASMA prothrombin. See Prothrombin

PLASMAGENES

Hanson, E. D. Some aspects of the quantitative study of cytoplasmic particles: mixed populations of kappa in paramecium aurelia, variety 4. J Exp Zool 135:55-6 Je '57

PLASMODIOPHORA brassicae

Macfarlane, I. Variation in plasmodiophora brassicae Woron. Ann Ap Biol 43:305-6 Je '55

PLASTER board. See Wall board

PLASTIC industries

Survey of research problems in plastics with special reference to the development of plastics industry in India; comp. under the auspices of the Plastics research committee. Council of scientific & industrial research '54 incl bibliog

PLASTIC industry and trade. See Plastic industries

PLASTICITY

Elasticity and plasticity, by J. N. Goodier (and) P. G. Hodge. (Surveys in applied mathematics, 1) Wiley '58 p45-7, 128-44

Hu, H. C. On some variational principles in the theory of elasticity and the theory of plasticity. Scientia Sinica 4:53-4 Mr '55

Prager, William. Introduction to plasticity. (Addison-Wesley ser. in the engineering sciences: mechanics and thermodynamics) Addison-Wesley '59 incl bibliog

Rheology abstracts. See numbers of British society of rheology. Bulletin

Rosi, F. D. and others. Mechanism of plastic flow in titanium at low and high temperatures. J Metals 8:122 F '56

PLASTICS

Abstracts. See numbers of Society of glass technology. Journal

Abstracts of important articles. See numbers of Plastics technology

Bjorksten research laboratories, Madison, Wisconsin. Polyesters and their applications. Reinhold '56 p381-565, 575-6

British plastics convention. Plastics progress, 1955; papers and discussions. Iliffe '56 incl bibliog

British plastics federation. Abstracts. The federation. See numbers

Cummings, W. and Knapp, R. L. Developments in polyurethanes, unsaturated polyesters, polyvinyl chloride, and acrylonitrile copolymer blends, 1957. Plastics Tech 4: 243-4 Mr '58

Gould, David Foster. Phenolic resins. (Reinhold plastics applications ser) Reinhold '59 incl bibliog

Guzzetti, A. J. Measurement of cure rate of thermosetting molding materials. Am Soc Test Mat Bul 220:66 F '57

Hagen, Harro. Glasfaserverstärkte kunststoffe. (Chemie, physik und technologie der kunststoffe in einzeldarstellungen, 5) Springer '56 incl bibliog

London. Science museum. Science library. Select list of books on plastics, 1940-1954. (Bibliog. ser, no732) The library '55 2p

Morgan, Phillip, ed. Glass reinforced plastics. 2d ed Iliffe '57 incl bibliog

Neumann, J. Alex. and Bockhoff, Frank J. Welding of plastics. Reinhold '59 incl bibliog

Plastics digest. See numbers of Modern plastics

Redfarn, Cyril Aubrey. Guide to plastics. 2d ed Iliffe '58 p 140-1

Review of developments in plastics engineering, July 1953 through June 1954 [July 1954 through June 1955] Mech Eng 77:318-20+; 78:533-5+ Ap '55, Je '56

Seymour, Raymond Benedict, and Steiner, Robert Henry. Plastics for corrosion-resistant applications. Reinhold '55 incl bibliog

Seymour, R. B. Plastics. Ind & Eng Chem 47:2016-19; 48:1771-4; 49:1636-8; 50:1477-8 S '55, S '56, S '57, S '58

Society of the plastics industry, inc. Plastics; the story of an industry. 6th rev ed The society '55 p40

Survey of research problems in plastics with special reference to the development of plastics industry in India; comp. under the auspices of the Plastics research committee. Council of scientific & industrial research '54 incl bibliog

Švastal, Stanislav. Úvod do chemie a technologie plastických hmot; základy makromolekulární chemie, výroba, vlastnosti a použití plastických hmot. (V Knižnici techniku d. dopřovatelů, v28) ROH '54 p245-50

Tort, C. D. Contribución a la bibliografía de plásticos. Biblioteconomía 14:48-102 Ja '57
Year 1955(1958) in review. Mod Plastics 33: 135-6+; 34:149-52+; 35:153-4+; 36:135-6+ Ja '56, Ja '57, Ja '58, Ja '59

See also

Elastomers

Polyethylene

Resinous products

Testing

Westover, R. F. Thirty years of plastics impact testing. Plastics Tech 4:352 Ap '58

PLASTICS engineering

1955(1958) engineering highlights. Mod Plastics 33:115-18+; 34:129-35+; 35:117-19+; 36: 112+ Ja '56, Ja '57, Ja '58, Ja '59

Plastics engineering, 1953-1954(1957-1958) a review of developments. Mech Eng 77:318-20+; 78:533-5+; 79:161-4; 80:57-60; 81:54-7 Ap '55, Je '56, F '57, Ap '58, Ap '59

PLASTIDS

McGivern, Sister M. J. Mitochondria and plastids in sieve-tube cells. Am J Bot 44:48 Ja '57

PLATE

See also

Church plate

PLATES

Kärholm, Gunnar. Parallelogram plates; analysed by strip method. (Doktorsavhandlingar, no 11) Chalmers tekniska högskola '56 p 193-6

Nash, William Arthur. Bibliography on shells and shell-like structures. (Rep. 863) U.S. David W. Taylor model basin '54 63p

Shuleshko, P. New method of solving eigenvalue problems. Australian J Ap Sci 8:25-6 Mr '57

PLATING

See also

Chromium plating

Nickel plating

Vapor plating

PLATINUM metals

Platinum metals review. Johnson, Matthey & co. See numbers

PLATO, d 347 B.C.

Geoghegan, William Davidson. Platonism in recent religious thought. Columbia univ. press '58 p 177-93

Gould, John. Development of Plato's ethics. Cambridge '55 p226-30

Lynch, William F. Approach to the metaphysics of Plato through the Parmenides. Georgetown '59 p251-5

Manasse, Ernst Moritz. Bücher über Plato. (Philosophische rundschau, v5. Beiheft 1: Sonderheft Platonliteratur) Mohr, '57 61p

Manno, Ambrogio. Il telmo di Platone. (Pubblicazioni) Istituto superiore di scienze e lettere S. Chiara '55 p379-84

Vanhoutte, Maurice. La méthode ontologique de Platon. (Bibliothèque philosophique de Louvain, 18) Pubs. univ. de Louvain '56 p 179-82

Zürcher, Josef. Das Corpus academicum (Τὸ Σύνταγμα Ἀκαδημαϊκόν) in neuer auffassung. Schönningh '54 p3-14

PLATONISTS

Colie, Rosalie Littell. Light and enlightenment; a study of the Cambridge Platonists and the Dutch Arminians. Cambridge '57 p 145-56

Recherches sur la tradition platonicienne: sept exposés par W. K. C. Guthrie [et all] Vandoeuvres-Genève, 12-20 août 1955. (Entretiens sur l'antiquité classique, v3) Stämpria Valdionega '57 incl bibliog

PLATYHELMINTHES

See also

Turbellaria

PLAUTUS, Titus Maccius, ca 251-184 B.C.

Plautus, Titus Maccius, Truculentus; cum prolegomenis, notis criticis, commentario exegetico, edidit P. J. Enk. Sijthoff '53 2 v v2, p217-23

PLAY

Scheuerl, Hans. Das spiel; untersuchungen über sein wesen, seine pädagogischen möglichkeiten und grenzen. Beltz '54 p229-37

See also

Amusements
Drama in education
Games
Sports

PLAY centers. *See* Community centers

PLAY technique

Lebo, D. Formula for selecting toys for nondirective play therapy. *J Genetic Psychol* 92:33-4 Mr '58

PLAYGROUND directors. *See* Recreation workers

PLAYGROUNDS

Cornacchia, Harold J. and Nixon, John E. Playground facilities for rural and small elementary schools. (Stanford Univ. School of education. Educational adm. monograph no4) Stanford Univ. press '55 p41-2

Forsberg, Raymond T. Playground leaders; their selection and training. *Nat. recreation assn.* '55 p29-31

See also

Community centers

PLAYS. *See* Dramas

PLAYS for amateurs. *See* Dramas—Plays for amateurs

PLAYS for children. *See* Children's plays

PLAYWRIGHTS. *See* Dramatists

PLEASURE

Szasz, Thomas Stephen. Pain and pleasure; a study of bodily feelings. Basic bks. '57 p257-74

PLECOPTERA. *See* Stoneflies

PLEOCHROISM

Mandarino, J. A. Absorption and pleochroism; two much-neglected optical properties of crystals. *Am Min* 44:76-7 Ja '59

PLESSNER, Helmuth. 1892-

Ziegler, Klaus, ed. Wesen und wirklichkeit des menschen; festschrift für Helmuth Plessner (bibliog by L. Stern) Vandenhoeck & Ruprecht '57 p398-403

PLEURISY

Berlin, Sven Olof. Exudative tuberculous pleurisy, with a statistical analysis of prognostic factors according to a new method. (Sup40) *Acta tuberculosea scandinavica* '57 p 130-4

PLISNIER, Charles. 1897-1952

Bodart, Roger. Charles Plisnier. (Classiques du XX^e siècle, 17) Editions universitaires '54 p 139-40

PLOTINUS. 204-270

Bréhier, Emile. Philosophy of Plotinus; tr. by Joseph Thomas. Univ. of Chicago press '58 p 198-202 annot

Carbonara, Cleto. La filosofia di Plotino. 2d ed rev. (Filosofia e pedagogia) Libreria scientifica editrice '54 p429-39

PLOWING. *See* Tillage

PLOWS

Haudricourt, André G. and Delamarre, Mariel (Brunhes). L'homme et la charrue à travers le monde. (Géographie humaine, 25) Gallimard '55 p465-87

History

Jirlow, R. Den svenska plogens historia. Skogs- och Lantbruksakad Tids 97 no3:150-1 '58

PLUMAGE. *See* Feathers

PLUMBING

See also

Pipe fitting
Solder and soldering

PLURAL marriage. *See* Polygamy

PLYWOOD

American society for testing materials. Design and tests of building structures; symposiums on seismic and shock loading (and) glued laminated and other constructions; presented at the 2d Pacific area nat. meeting, Los Angeles, Calif. Sept. 17, 1956. (Special technical pub. no209) The society '57 p30, 41, 85

Larsson, Göran, and Wästlund, Georg. Plywood som konstruktionsmaterial. (Meddelanden, no21) Statens kommitté för byggnadsforskning '53 incl bibliog

Organization for European economic cooperation. European productivity agency. Laminated timber. (Project no 13) The organization '56 p97-101 annot

POCKET gophers. *See* Gophers

PODLACHA, Władysław. 1875-1951

Wrocławskie towarzystwo naukowe. Komisja historii sztuki. Księga ku czci Władysława Podlacha. (Rozprawy, v 1) Państwowe wydawn. naukowe '57 p23-7

POE, Edgar Allan. 1809-1849

Edgar Poe; présentation par Jean Rousselot; choix de textes, bibliog, dessins, portraits, fac-similés. (Poètes d'aujourd'hui, 39) Seghers '53 p211-18

Quinn, Patrick Francis. French face of Edgar Poe. Southern Ill. Univ. press '57 p295-9

Winwar, Frances. Haunted palace; a life of Edgar Allan Poe. Harper '59 p393-6

POECILIIDAE

Rivas, L. R. Origin, evolution, dispersal, and geographical distribution of the Cuban poeciliid fishes of the tribe Girardinini. *Am Philos Soc Proc* 102:319-20 Je '58

See also

Guppies

POETICS

See also

Rhythm

POETRY

Day-Lewis, Cecil. Enjoying poetry; a reader's guide. 3d ed Nat. bk. league '56 21p annot

Granger, Edith. Index to poetry; sup. to the 4th ed, indexing anthologies pub. from Jan. 1, 1951 to Dec. 31, 1955; ed. by Raymond J. Dixon. Columbia Univ. press '57 458p

Quinn, Sister M. Bernetta. Metamorphic tradition in modern poetry; essays on the work of Ezra Pound [and others] Rutgers Univ. press '55 p237-63

Scott, Arthur Finley. Poet's craft; a course in the critical appreciation of poetry based on the study of holograph mss, earlier and later versions of ptd. poems, transpositions of prose into verse and contrasted trs; with a sel. of unsigned poems and passages for appreciation. Cambridge '57 p219-20

University interscholastic league. Public speaking; prose and poetry bibliography; for use in the elementary school, junior and senior declamation, and poetry reading contests, and in the classroom. Bur. of public school service, Univ. of Tex. '58

16p annot

See also

Ballads
Children's poetry
Country life—Poetry
Epic poetry
Love poetry
Minnesingers
New York. Public library—Poetry
Religious poetry
Scalds and scaldic poetry
Songs
Troubadours
War poetry

History and criticism

Jarrell, R. Year in poetry. Harper 211:96-101 O '55

Pfeiffer, J. Dichtung und deutung; ein sammelbericht. Wirkendes Wort 7:73-81 D '56

Press, John. Chequer'd shade; reflections on obscurity in poetry. Oxford '58 p219-20

Rodríguez Alcade, Leopoldo. Vida y sentido de la poesía actual. (Libros de actualidad intelectual, 18) Editora nacional '56 p279-87

Study and teaching

Kerber, Adolf B. and Jett, Thomas F. Teaching of creative poetry. Waldemar press '56 p 127-8

POETS, Canadian

Pacey, Desmond. Ten Canadian poets; a group of biographical and critical essays. Ryerson press '58 p327-35

POIKILOTHERMS. *See* Animals, Cold-blooded

POISONOUS animals

Fish, Charles John, and Cobb, Mary Curtis. Noxious marine animals of the central and western Pacific ocean. (Woods Hole, Mass. Oceanographic inst. Contribution no708; R.I. Univ. Narragansett marine laboratory. Contribution no8; U.S. Fish and wildlife service. Research rep. 36) U. S. Gov. ptg. office '54 p37-45

See also

Scorpions

POISONOUS fishes

Randall, J. E. Review of ciguatera, tropical fish poisoning, with a tentative explanation of its cause. *Bul Marine Sci Gulf & Carib* 8:263-7 S '58

See also

Venom

POISONOUS plants

Norris, J. J. and Valentine, K. A. Principal livestock-poisoning plants of New Mexico ranges. (Bul. 390) Agricultural experiment station, N.Mex. college of agriculture & mechanic arts '54 p76-8

Quigley, C. Aboriginal fish poisons and the diffusion problem. *Am Anthropol* 58:522-5 Je '56

See also

Forage poisoning

POISONS

American academy of pediatrics. Committee on accident prevention. Accidental poisoning in childhood; a reference-guide to the chemical constituents of common household substances, together with treatment recommendations for their accidental ingestion by children; written by Edward Press. The committee '56 p 123-31

Goodman, Louis Sanford, and Gilman, Alfred Zack. Pharmacological basis of therapeutics; a textbk. of pharmacology, toxicology, and therapeutics for physicians and medical students. 2d ed Macmillan '55 incl bibliog

See also

Fish poisons

Fluorine—Toxicology

Food poisoning

Soil toxicity

Toxins and antitoxins

POISONS, Industrial

Elkins, Hervey Bertrand. Chemistry of industrial toxicology. 2d ed Wiley '59 p417-40

Jennings, Burgess Hill. Hazardous vapors and dusts in industry. Ventilating & air conditioning contractors assn. of Chicago '57 incl bibliog

See also

Aniline poisoning

Beryllium poisoning

Lead poisoning

Propylene oxide—Physiological effect

Resinous products—Toxicology

Thallium poisoning

Trichloroethylene—Physiological effect

Vanadium poisoning

POLABIAN language**Dictionaries**

New York (city). Public library. Bibliography of Polish dictionaries; with a sup. of Lusatian and Polabian dictionaries; comp. by Richard C. Lewanski. The library '59 63p

POLAND

Barnett, Clifford R. and others. Poland; its people, its society, its culture. (Survey of world cultures) HRAF press '58 p443-60

Bibliographies. See numbers of Polish review

Chicago, University. Bibliography of Poland; prepared by the University for Human relations area files. (Behavior science bibliogs) The university '56 21p

Halecki, Oskar. Poland. (East-Central Europe under the Communists; Praeger pubs. in Russian history and world communism, v50) Praeger '57 p572-86

Kowalik, Jan. Polska w bibliografii niemieckiej, 1953-1956, oraz uzupełnienia do okresu, 1945-1953. (Biblioteka Kultury, v30) Inst. literacki '58 114p

Rister, Herbert. Schrifttum über Polen, 1943-1951[-1954-1955] mit besonderer berücksichtigung des Posener landes (auswahl) (Wissenschaftliche beiträge zur geschichte und landeskunde Ost-Mitteleuropas, 10, 20, 33) Historisch-landeskundliche Komm. für Posen & das deutschum in Polen '53-58 3v

Trypućko, Józef. Bibliografi över svenska Polonica, 1918-1939. Slaviska institutionen, Uppsala univ. '55 2v

Trypućko, Józef. Polonica vetera upsaliensia; catalogue des imprimés polonais ou concernant la Pologne des XV^e, XVI^e, XVII^e et XVIII^e siècles conservés à la bibliothèque de l'Univ. royale d'Upsala. (Acta, v 13) Bibliotek, Uppsala univ. '58 p xv-xvi

Antiquities

Kowalski, Kazimierz. Jaskinie Polski. The author '51-'53 2v incl bibliog

Luka, Leon Jan. Bibliografia archeologii polskiej za lata 1944-1954. Inst. historii kultury materialnej PAN '56 163p

Boundaries

Goguel, Rudi, and Pohl, Heinz. Oder-Neisse; eine dokumentation. (Deutsches inst. für zeitgeschichte. Quellen und studien) Kongress-verlag '55 p 185-9

Germany

Wójcik, Andrzej J. Teheran conference and the Odra-Nisa boundary. The author '59 p67-70

Constitutional history

Gwiżdż, Andrzej. Burżuazyjno-obszarnicza konstytucja z 1921 roku w praktyce. Wydawnictwo prawnicze '56 p337-50

Economic conditions

Barbag, Józef. Geografia gospodarcza Polski, w zarysie; materiały pomocnicze dla klasy x. (Biblioteka polskiego radia) Polskie radio '51 p 159-60

Mid-European research and planning centre, Paris. Struktura gospodarstwa polskiego; praca zbiorowa pod red. Stanisława Gryźlewicza [et al] (Kultura; szkice, opowiadania, sprawozdania. Numer krajowy, 4) Inst. literacki '53 incl bibliog

Polska akademie nauk. Zakład nauk ekonomicznych. Bibliografia polskiej myśli, 1831-1871; oprac. Hanna Uniejewska [et al] The institute '58-'59 2v

Rutkowski, Jan. Historia gospodarcza Polski, do 1864 r.; z przedm. Witolda Kułi. Książka i Wiedza '53 p467-537

Economic policy

Alton, Thad Paul. Polish postwar economy. (Columbia univ. Russian inst. Studies) Columbia univ. press '55 p307-15

Stankiewicz, W. J. and Montias, J. M. Institutional changes in the postwar economy of Poland. (Pub. no21) Mid-European studies center, Free Europe com. '55 p 114-25

Foreign relations**Germany**

Breyer, Richard. Das Deutsche Reich und Polen, 1932-1937; aussenpolitik und volksgruppenfragen. (Marburger ostforschungen, v3) Holzner '55 p343-59

History

Baszkiewicz, Jan. Powstanie zjednoczonego Państwa Polskiego na przełomie XIII i XIV wieku. (Polska akad. nauk. Komitet nauk prawnych. Studia nad historią państwa i prawa, ser 2, v 1) Książka i Wiedza '54 p462-85

Jasnowski, J. Poland's past in English historiography (XVII-XIX centuries) Polish R 3:21-35 Winter '58 annot

Komarnicki, Titus. Rebirth of the Polish republic; a study in the diplomatic history of Europe, 1914-1920. Heinemann '57 p749-62

Leslie, R. F. Polish politics and the revolution of November 1830. (London, Univ. Historical studies, 3) Athlone press '56 p287-302 annot

Occupation, 1939-1945

Rozek, Edward J. Allied wartime diplomacy; a pattern in Poland. Wiley '58 p465-70

Revolution, 1830-1832

Lerski, Jerzy Jan. Polish chapter in Jacksonian America; the United States and the Polish exiles of 1831. (Poland's millennium ser) Univ. of Wis. press '58 p221-30

History, Local

Deresiewicz, Janusz, ed. Materiały do dziejów chłopstwa wielkopolskiego w drugiej połowie XVIII wieku; z ksiąg grodzkich wyboru dokonał i wydał Janusz Deresiewicz. (Materiały do dziejów wsi polskiej. Ser III. Inwentarze dóbr ziemskich) Zakład im. Ossolińskich '56 2v

Politics and government

Gwiżdż, Andrzej. Burżuazyjno-obszarnicza konstytucja z 1921 roku w praktyce. Wydawnictwo prawnicze '56 p337-50

Leslie, R. F. Polish politics and the revolution of November 1830. (London, Univ. Historical studies, 3) Athlone press '56 p287-302 annot

See also

Communist party (Poland)

POLAR regions

Expéditions polaires françaises. Terre Adélie, Groenland, 1947-1955; bibliographie. Arthaud '56 51p

Recent polar literature. See numbers of Polar record

Scott polar research institute, Cambridge, England. Manuscript collection, by Ann Savours. The institute '58 9p

United States. Library of Congress. Technical information division. Polar bibliography. U.S. Dept. of defense '56-'59 3v

See also

Antarctic regions

Arctic regions

North pole

POLARIZATION (electricity)

See also

Mesomerism

POLAROGRAPH and polarography

Bibliografia polarografica; parte 1, Elenco dei lavori e indice degli autori, 1922/1949. (Ricerca scientifica) Centro di studio per la polarografia '49 140p

—Suplemento [4-9] 1922/1951[-1922/1956] (Ricerca scientifica) Centro di studio per la polarografia '51-'57 6v

Brezina, Miroslav, and Zuman, P. Die polarographie in der medizin, biochemie und pharmazie; bearb. und ergänzte übersetzung aus dem tschechischen; übers. von Helga Bažantová. Geest & Portig '56 p724-34

—Same; with title: Polarography in medicine, biochemistry, and pharmacy; with a foreword by J. Heyrovský; rev. English ed. tr. from the Czech by S. Wawzonek. Interscience '58 incl bibliog

Heyrovský, Jaroslav. Bibliography of publications dealing with the polarographic method in 1954. CSAV '55 61p

Heyrovský, Jaroslav. Oscilografická polarografie; polarografie střídavým proudem, její theorie a použití. Státní nakl. technické literatury '53 p 145-50

Heyrovský, Jaroslav. Úvod do praktické polarografie. 2d rev & enl ed (Československá akademie věd. Sekce chemická. Studie a prameny, no6) Nakl. Československé akad. věd. '53 p 189-93

Hume, D. N. Polarographic theory, instrumentation, and methodology. Anal Chem 28:635-7; 30:679-81 Ap '56, Ap '58

Majer, Vladimír. Polarografické rozborý. 2d rev & enl ed (Chemická technologie, v6: Technické rozborý, pt 1, article 12) Technicko-vědecké vydavatelství '52 p 167-90

Sargent, (E. H.) and company. Bibliography of polarographic literature, 1922-1955. The company '56 192p

Voress, Hugh E. Polarography; a title list of unclassified report literature. (U.S. Atomic energy comm. TID-3057) Technical information service '54 9p

Wawzonek, S. Organic polarography. Anal Chem 28:645-9; 30:670-4 Ap '56, Ap '58

Zagórski, Zbigniew. Metoda polarograficzna v analize chemicznej. Państwowe wydawn. naukowe '56 p536-68

POLES

Bibliographies. See numbers of Polish review

Folklore

See Folklore, Polish

POLES in the United States

Kusielewicz, E. Readers guide to Polish American studies. Polish R 1:155-66 Spring '56

Lerski, Jerzy Jan. Polish chapter in Jack-sonian America; the United States and the Polish exiles of 1831. (Poland's millennium ser) Univ. of Wis. press '58 p221-30

POLICE

Angel, Juvenal Londoño. Careers in law enforcement. (Monograph no30) World trade acad. press '55 p20-1

See also

Secret service

United States

Braun, Berton G. Milwaukee police department; a case study in police organization. (Papers in public adm, no 14) Bur. of gov. Inst. of public adm, Univ. of Mich. '55 p 120-3

Kephart, William M. Racial factors and urban law enforcement. Univ. of Pa. press '57 p207-9

Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p426-8; 1957, p417-19; 1958, p429-31; 1959, p435-7

Roettinger, Ruth Locke. Supreme court and state police power; a study in federalism; foreword by W. W. Pierson. Public affairs press '57 p233-9

See also

New York (city)—Police

POLICE, State

Roettinger, Ruth Locke. Supreme court and state police power; a study in federalism; foreword by W. W. Pierson. Public affairs press '57 p233-9

POLIOMYELITIS. See Infantile paralysis**POLISH language**

Bandtkie, Jerzy Samuel. Wiadomości o języku polskim w Śląsku i o polskich Ślązakach, 1821; z pierwodruku wydali, przedm. i przypisami opatrzyli Bolesław Olszewicz i Witold Taszycki. (Orbis Polonicus, 1) Nakl. Wrocławskiego tow. naukowego '52 p 19-20

Dialects

Olesch, Reinhold. Drei polnische mundarten; goralisch, nordmasowisch, kujawisch. (Berlin. Univ. Inst. für phonetik, Arbeiten, no 13) Harrassowitz '51 p8-11

Dictionaries

New York (city). Public library. Bibliography of Polish dictionaries; with a sup. of Lusatian and Polabian dictionaries; comp. by Richard C. Lewanski. The library '59 63p

POLISH literature

Polska akademія nauk. Instytut badań literackich. Polska bibliografia literacka za rok 1944/45[-1949] Zakład narodowy im Ossolińskich '54-'58 4v

History and criticism

Kridl, Manfred. Survey of Polish literature and culture; tr. from the Polish by Olga Scherer-Virski. (Columbia univ. Dept. of Slavic languages, Columbia Slavic studies) Columbia univ. press '56 p515-17

Polska akademія nauk. Instytut badań literackich. Polska bibliografia literacka za rok 1944/45[-1949] Zakład narodowy im Ossolińskich '54-'58 4v

Starnawski, Jerzy. Warsztat bibliograficzny historyka literatury polskiej. Państwowe wydawn. naukowe '57 283p

Translations into English

Ordon, E. Reception of the Polish short story in English: reflections on a bibliography. Polish R 2:125-32 Spring '57

Ordon, E. Tentative bibliography of the Polish short story in English translation. Polish R 1:167-76 Spring '56

Translations into Slovak

Bratislava. Univerzita. Knižnica. Čo čítat? z polskej literatury v slovenčine? Výberový zoznam; spracoval Jozef Bánsky. (Bibliografie) The library '55 31p

POLISHING, Electrolytic. See Grinding and polishing, Electrolytic**POLITICAL crimes and offenses**

See also

Treason

POLITICAL economy. See Economics**POLITICAL geography. See Geopolitics****POLITICAL parties**

McDonald, Neil A. Study of political parties. (Doubleday short studies in political science, no26) Doubleday '55 p94-7 annot

Neumann, Sigmund, ed. Modern political parties; approaches to comparative politics; contributors: Frederick C. Barghoorn [and others] Univ. of Chicago press '56 p425-46 annot

France

Mabileau, Albert. Le parti libéral dans le système constitutionnel britannique; préf. de J. J. Chevallier. (Fondation nat. des sciences politiques, 47) Colin '53 p341-9

See also

Poujadisme

POLITICAL parties—Continued

Germany

Treue, Wolfgang. Deutsche parteiprogramme, 1861-1954. (Quellensammlung zur kultur-geschichte, v3) Musterschmidt '54 p309-12

See also

Communist party (Germany)
Social democratic party (Germany)

Great Britain

Bailey, Sydney Dawson, ed. Political parties and the party system in Britain; a symposium. (Hansard soc. Ser. in parliamentary gov, v5) Praeger '52 p203-7

See also

Conservative party (Great Britain)
Labor party (Great Britain)
Liberal party (Great Britain)

India

Weiner, Myron. Party politics in India; the development of a multi-party system. Princeton univ. press '57 p293-312

Poland

See also
Communist party (Poland)

Russia

See also
Communist party (Russia)

United States

Binkley, Wilfred Ellsworth. American political parties; their natural history. 3d ed rev & enl Knopf '58 p453-70

Bone, Hugh Alvin. Party committees and national politics. Univ. of Wash. press '58 p245-9

Goodman, William. Two-party system in the United States. (Van Nostrand political science ser) Van Nostrand '56 incl bibliog

Hinderaker, Ivan Henrik. Party politics. Holt '56 p676-89 annot

Nash, Howard Pervear. Third parties in American politics; with an introd. by William B. Hasseltine. Public affairs press '59 p318-20

See also

Populist party (United States)

POLITICAL philosophy

Eusden, John Dykstra. Puritans, lawyers, and politics in early seventeenth-century England. (Yale univ. Yale studies in religious education, v23) Yale univ. press '58 p 182-221 annot

POLITICAL psychology

Eysenck, Hans Jurgen. Psychology of politics. Routledge '54 p285-311

POLITICAL science

Bibliographischer dienst Staat und recht. Deutsches inst. für rechtswissenschaft. See numbers

Book reviews, notes and bibliography. See numbers of American political science review

Chandler, Albert Richard, ed. Clash of political ideals; a source bk. on democracy and the totalitarian state, sel. and annot; 3d ed. with annot. bibliography. Appleton '57 p334-74

Clough, Wilson Ober, ed. Our long heritage; pages from the bks. our founding fathers read. Univ. of Minn. press '55 p274-6

Corry, James Alexander. Elements of democratic government; 3d ed. rev. and enl [by the auth. and] Henry Julian Abraham. Oxford '58 p687-700

Doctoral dissertations in political science in American universities. Am Pol Sci R 49:792-826; 50:807-44; 51:788-808; 52:915-24; 53:896-914 S '55, S '56, S '57, S '58, S '59

International bibliography of political science, works published in 1955[1-1957] (V4-6) (Doc. in the social sciences) UNESCO '57-'59 3v

International political science abstracts. UNESCO. See numbers

Japan science review. Law and politics; list of books and articles, 1946-1950[1-1956] (No2-3, 5-9) Union of Japanese socs. of law & politics '51-'58 7v

King, George A. Theodore Dwight Woolsey; his political and social ideas. (Jesuit studies, no4) Loyola univ. press '56 p273-88

Nagy, Lajos. Jogi és államigazgatási bibliográfia, 1952. (Budapest. Állam- és jogtudomány intézet. Könyvtár, no7) Jogi és államigazgatási könyv- és folyóiratkiadó '54 135p

Neumann, Robert Gerhard. European and comparative government, 2d ed (McGraw-Hill ser. in political science) McGraw '55 p775-801 annot

Public affairs information service. Bulletin. The service. See numbers

Ranney, Austin. Governing of men; an introd. to political science. Holt '58 p593-614 annot

Reviews of books and documents. See numbers of Public administration review

Rienow, Robert. Introduction to government, 2d ed rev (Borzoi bk) Knopf '56 incl bibliog

Schulz, Ernst B. Essentials of government. Prentice-Hall '58 incl bibliog

United States. Superintendent of documents. Political science. (Price list 54, 39th ed) U.S. Gov. ptg. office '59 27p

Uitley, Thomas Edwin, and Maclure, John Stuart, eds. Documents of modern political thought. Cambridge '57 p267-8

Washington university, St Louis. Libraries. Guide to research material in political science, by Joseph M. Thom. The libraries '52 2v

Zink, Harold. Modern governments. (Van Nostrand political science ser) Van Nostrand '58 incl bibliog

See also

Administration, Public
Administrative law
Anarchism and anarchists
Authoritarianism
Church and state
Civil rights
Civil service
Civilization
Communism
Comparative government
Conservatism
Constitution
Corporate state
Democracy
Elections
Federal government
Geopolitics
Government ownership
Imperialism
International law
International organization
International relations
Law
Legislation
Liberty
Local government
Municipal government
Nationalism and nationality
Political parties
Public opinion
Regionalism
Revolutions
Socialism
Sovereignty
State governments
Taxation
Utopias
World politics

History

Battaglia, Felice. Lineamenti di storia delle dottrine politiche; con appendici bibliografiche. 2d ed rev, corrected & enl Giuffrè '52 p51-65

Ebenstein, William, ed. Great political thinkers; Plato to the present, 2d ed enl Rinehart '56 p847-936 annot

Hyneman, Charles Shang. Study of politics; the present state of American political science. Univ. of Ill. press '59 p211-25

Reisenberg, Peter N. Inalienability of sovereignty in medieval political thought. (Columbia univ. Columbia studies in the social sciences, no591) Columbia univ. press '56 p 179-93

Vereker, Charles. Development of political theory. (Hutchinson univ. lib: Politics) Reinhart '57 p223-6 annot

POLITICS, Practical

See also

Civil service
Elections
Lobbying
Political parties

Psychological aspects

See Political psychology

POLITICS and Christianity. See Christianity and politics

POLLEN

- Brewbaker, J. L. Pollen cytology and self-incompatibility system in plants. *J Heredity* 48:276-7 N '57
- Dingle, A. N. Hay fever pollen counts and some weather effects. *Am Meteorol Soc Bul* 38:469 O '57
- Erdtman, Gunnar. Pollen and spore morphology—plant taxonomy; gymnospermae, pteridophyta, bryophyta. (Intro. to palynology, 2) Ronald '57 p 133-4
- Fægri, K. Recent trends in palynology. *Bot R* 22:663-4 N '56
- Heusser, C. J. Pollen profiles from Prince William sound and southeastern Kenai peninsula, Alaska. *Ecology* 36:200-2 Ap '55
- King, J. R. Irish potato pollen storage. *Am Potato J* 32:465-6 D '55
- O'Kelley, J. C. External carbohydrates in growth and respiration of pollen tubes in vitro. *Am J Bot* 42:326-7 Mr '55
- Rowley, J. R. Fine structure of the pollen wall in the commelinaceae. *Grana Palynologica* ns2 no 1:26-30 '59
- Traverse, Alfred. Pollen analysis of the Brandon lignite of Vermont. (Rep. of investigations 5151) U.S. Bur. of mines '55 p 101-7
- POLLEN, Fossil**
- Davis, M. B. Three pollen diagrams from central Massachusetts. *Am J Sci* 256:569-70 O '58
- Duigan, S. L. Pollen analysis of the Nechells interglacial deposits, Birmingham. *Geol Soc Lond Q J* no 447:388-9 D '56
- Erdtman, G. Literature on basic palynology. *Grana Palynologica* ns2 no 1:87-102 '59
- Erdtman, G. Literature on palynology, 171-131 Grana Palynologica ns 1 no 1:17-45; no 2:71-113; no 3:601-736 '54-'58
- Macko, Stefan. Lower miocene pollen flora from the valley of Klodnica near Gliwice (Upper Silesia) (Prace, serB, no88) Wrocławskie towarzystwo naukowe '57 p307-9
- Morgan, James Leland. Spores of McAlester coal. (Circ. 36) Okla. Geological survey '55 p44-9
- Ogden, J. G. Late-glacial pollen sequence from Martha's Vineyard, Massachusetts. *Am J Sci* 257:381 My '59
- Rouse, G. E. Application of a new nomenclatural approach to upper cretaceous plant microfossils from western Canada. *Can J Bot* 35:373-5 My '57
- Zeist, Willem van. Pollen analytical investigations in the northern Netherlands, with special reference to archaeology. North-Holland '55 p76-81
- Zumberge, J. H. and Potzger, J. E. Late Wisconsin chronology of the Lake Michigan basin correlated with pollen studies. *Geol Soc Am Bul* 67:287-8 Mr '56

POLLINATION. See Fertilization of plants

POLLOCK, Jackson, 1912-1956

- Hunter, S. Jackson Pollock [sel. bibliog by E. Karpel] *Mus Mod Art Bul* 24 no 2:36 '56-'57

POLLS. See Public opinion polls; Voting

POLO, Marco, 1254-1323?

- Olschki, Leonardo. L'Asia di Marco Polo: introduzione alla lettura e allo studio del Milione. (Biblioteca storica Sansoni, new ser, v30) Sansoni '57 p452

POLYAMIDES. See Amides

POLYBIUS, ca 205-125 B.C.

- Devroye, Sister Irena, and Kemp, Lysiane. Over de historische methode van Polybios. (Verhandelingen, v 18, no28) Klasse der letteren, Vlaamsche acad, voor wetenschapen, letteren & schoone kunsten van België '56 p 7-11

POLYCHAETA

- Anderson, D. T. Embryology of the polychaete scoloplos Armiger. *Q J Micros Sci* 100:164-6 Mr '59
- Berkeley, E. and Berkeley, C. Some notes on a collection of polychaeta from the North-east Pacific south of latitude 32° N. *Can J Zool* 36:406-7 Je '58
- Dales, Rodney Phillips. Pelagic polychaetes of the Pacific ocean. (Calif. Univ. Scripps inst. of oceanography. Bul, v7, no2; Contributions, new ser, no920) Univ. of Calif. press '57 p 162-7
- Hartman, Olga. Orbinidae, apistobranchidae, paraonidae, and longosomidae. (Los Angeles, Univ. of Southern Calif. Allan Hancock foundation for scientific research. Allan Hancock Pacific expeditions, Reps, v 15, no3) Univ. of Southern Calif. press '57 p337-43

- Hartman, Olga. Polychaetous annelids erected by Treadwell, 1891 to 1948, together with a brief chronology. (Los Angeles, Univ. of Southern Calif. Allan Hancock foundation for scientific research. Contribution no 162. Bul, v 109, article 2) Am. museum of natural history '56 p302-10

- Hartman, O. Capitellidae and nereidae (marine annelids) from the gulf side of Florida, with a review of freshwater nereidae. *Bul Marine Sci Gulf & Carib* 9: 166-8 Je '59

- Pettibone, M. H. Marine polychaete worms from Point Barrow, Alaska, with additional records from the North Atlantic and North Pacific. *U S Nat Mus Proc* 103:346-56 '56
- Rullier, Louis Jean François Marie. L'organe nucal chez les annélides polychètes sédentaires [étude morphologique, histologique et physiologique] (Inst. océanographique. Annales, new ser, v25, no3) Masson '51 p333-41

See also

Nereis

POLYCYTHEMIA. See Erythremia

POLYDACTYLISM

- Zwilling, E. and Ames, J. F. Polydactyly, related defects and axial shifts—a critique. *Am Natur* 92:265-6 S '58

POLYETHYLENE

- Aggarwal, S. L. and Sweeting, O. J. Polyethylene; preparation, structure, and properties. *Chem R* 57:729-42 Ag '57
- Pinsky, J. Theoretical study of polyethylene permeability. *Mod Plastics* 34:237 Ap '57

POLYGAMY

- Dorjahn, V. R. Fertility, polygyny and their interrelations. *Am Anthropol* 60:559-60 O '58

POLYGONUM

- Löve, A. and Löve, D. Chromosomes and taxonomy of eastern North American polygonum. *Can J Bot* 34:520-1 Jl '56

POLYGYN. See Polygamy

POLYMERS and polymerization

- Battista, Orlando A. Fundamentals of high polymers. Reinhold '58 p 127-33
- Bernhardt, Ernest C. ed. Processing of thermoplastic materials. (Plastics engineering ser) Reinhold '59 incl bibliog
- Billmeyer, Fred W. Textbook of polymer chemistry. Interscience '57 incl bibliog
- Bjorksten research laboratories, Madison, Wisconsin. Polyesters and their applications. Reinhold '56 p381-565, 575-6
- Golding, Brage. Polymers and resins: their chemistry and chemical engineering. Van Nostrand '59 incl bibliog
- Huggins, Maurice Loyal. Physical chemistry of high polymers. Wiley '58 incl bibliog
- Mandelkern, L. Crystallization of flexible polymer molecules. *Chem R* 56:564-8 O '56
- Roche, A. F. and Bolton, F. H. Polymerization. *Ind & Eng Chem* 47:1908-10; 48:1649-52; 49:1543-7; 50:1396-1400 S '55, S '56, S '57, S '58

See also

Elastomers

POLYMORPHISM

- Albrecht, F. O. Phase and moulting polymorphism in locusts. *Evolution* 11:176-7 Je '57
- Huxley, J. Morphism and evolution. *Heredity* 9:43-50 Ap '55
- Williamson, M. H. Selection, controlling factors and polymorphism. *Am Natur* 92: 334-5 N '58

See also

Morphology

POLYMYXINS

- Newton, B. A. Properties and mode of action of the polymyxins. *Bact R* 20:25-7 Mr '56

POLYNESIA

- Keesing, Felix Maxwell. Social anthropology in Polynesia; a review of research. Oxford '53 p 68-119

Social life and customs

- Hye-Kerkdal, K. Secret of the jumping stick. *Polynesian Soc J* 64:43 Mr '55

POLYNESIANS

- Danielsson, Bengt. Love in the South seas; tr. by F. H. Lyon. Reynal '56 p232-8
- Heyerdahl, Thor. American Indians in the Pacific; the theory behind the Kon-Tiki expedition. Allen '52 p765-97

See also

Maoris

POLYOXYETHYLENE stearates

- Poling, C. E. and others. Effects of feeding polyoxyethylene preparations to rats and hamsters. *Food Res* 21:346-7 My '56

POLYPEPTIDES. See Peptides

POLYPHOSPHATES. See Phosphates

POLYPOIDY

Bungenberg de Jong, C. M. Polyploidy in animals. *Bibliog Genet* 17 no2:215-28 '57
Eigsti, O. J. Induced polyploidy. *Am J Bot* 44:278-9 Mr '57

POLYPORACEAE

Lowe, J. L. Type studies of the polypores described by Karsten. *Mycologia* 48:124-5 Ja '56

Nobles, M. K. Cultural characters as a guide to the taxonomy and phylogeny of the polyporaceae. *Can J Bot* 36:922-4 N '58

POLYPS. See Coelenterata

POLYSACCHARIDES

Conference on polysaccharides in biology. *Polysaccharides in biology; transactions of the 1st[4th] Conference, 1955[1958]* Macy '56-'59 4v incl bibliog

Wiley, B. B. and Scherp, H. W. Capsular polysaccharides of *Escherichia coli*, types K28A and K34A. *Can J Microbiol* 4:515-16 O '58

Wilkinson, J. F. Extracellular polysaccharides of bacteria. *Bact R* 22:69-73 Mr '58

See also

Dextran

Sugars

Xylan

POLYSPERMY

Rothschild, Lord. Polyspermy. *Q R Biol* 29: 341-2 D '54

POLYTHONE. See Polyethylene

POLYZOA. See Bryozoa

POLYZOA, Fossil. See Bryozoa, Fossil

POMPEII

Richardson, L. Pompeii: the casa dei dioscuri and its painters. *Am Acad Rome Mem* 23: xvii-xviii '55

PONDS

Weatherley A. H. Tasmanian farm dams in relation to fish culture. (Technical paper, no4) Div. of fisheries & oceanography. Commonwealth scientific & industrial research organization. Australia '58 p23-4

PONDS, Sewage. See Sewage lagoons

PONI, Petru, 1841-1952

Academia Republicii Populare Romine. Biblioteca. Petru Poni (1841-1952) [studiu introductiv de C. Simionescu și C. Calistru; bibliog. întocmită în Secția de bibliog, a Bibliotecii Academiei R. P. R. de către George Baiculescu (redactor principal) și Dan Bugeanu] (Ser. de bio-bibliog, 11) Editura Academiei Republicii Populare Romine '57 p27-41

PONTOPPIDAN, Henrik, 1857-1943

Ahnlund, Knut. Henrik Pontoppidan; fem huvudlinjer i författarskapet. Nordstedt '56 p44-50

PONY express

Floyd, William Harris. Phantom riders of the Pony express. Dorrance '58 p 141-2
Settle, Raymond W. and Settle, Mary Anna. Lund. Saddlers and spurs; the Pony express saga. Stackpole co. '55 p212-17

POOR

Bremner, Robert H. From the depths: the discovery of poverty in the United States. N. Y. univ. press '56 p309-45

See also

Slums

POOR relief. See Charities

POPES

Fusco, Nicola. John is his name; a survey of the popes by that name. Soc. of St Paul '59 p224

See also

Papacy

POPISH plot, 1678

Complete catalogue of stich'd books and single sheets. Narcissus Luttrell's Popish plot catalogues; introd. by F. C. Francis. (Luttrell soc. reprints, no 15) Blackwell '56 15p

POPLAR

Food and agriculture organization of the United Nations. Forest division. Poplars in forestry and land use. (FAO forestry and forest product studies, no 12) The organization '58 p499-511

—Same; with title: Les peupliers dans la production du bois et l'utilisation des terres. (Coll. de la FAO: études des forêts et des produits forestiers, no 12) The organization '56 p515-25

Hesmer, Herbert, and others, eds. Das pappelbuch. Verlag des deutschen pappelvereins '51 p278-87

POPPE, Nikolaus, 1897-

Studia altaica; festschrift für Nikolaus Poppe zum 60. geburtstag am 8. aug. 1957. (Ultraaltaische bibliothek 5) Harrassowitz '57 p 177-88

POPPER, Josef, 1838-1921

Popper, Josef. Security for all and free enterprise; a summary of the social philosophy of Josef Popper-Lynkeus; ed. and with notes by Henry I. Wachtel; with an introd. by Albert Einstein. Philosophical lib. '55 p 145-58

POPULATION

Bates, Marston. Prevalence of people. Scribner '55 p263-72

Dambaugh, L. N. Population and food resources. *J Geog* 54:341-2 O '55

Economie et population: les doctrines françaises avant 1800 [v2] *Bibliographie générale commentée.* (Inst. nat. d'études démographiques. Travaux et docs, no28) Presses univ. de France '56 683p

Eldridge, Hope Tisdale. Population policies: a survey of recent developments; foreword by D. V. Glass. Int. union for the scientific study of population '54 p129-48

Glass, David Victor, ed. University teaching of social sciences; demography; a survey prepared under the auspices of the Int. union for the scientific study of population on the basis of regional and nat. reps. contributed by W. D. Borrie [and others] (Teaching in the social sciences) UNESCO '57 incl bibliog

Hauser, Philip Morris, and Duncan, Otis Dudley, eds. Study of population; an inventory and appraisal. Univ. of Chicago press '59 incl bibliog

Henshaw, Paul Stewart. Adaptive human fertility. McGraw '55 p270-302

Hertzler, Joyce Oramel. Crisis in world population; a sociological examination with special reference to the underdeveloped areas. Univ. of Neb. press '56 p273-4

Population index. School of public affairs, Princeton univ. See numbers

Sax, Karl. Standing room only; the challenge of overpopulation. Beacon press '55 p 193-201

Spengler, Joseph John, and Duncan, Otis Dudley, eds. Demographic analysis; sel. readings. Free press '56 p785-813

Spengler, Joseph John, and Duncan, Otis Dudley, eds. Population theory and policy; sel. readings. Free press '56 p510-19

Witthauer, Kurt. Die bevölkerung der erde; verteilung und dynamik. Haack '58 p334-6

Wrong, Dennis Hume. Population. (Studies in sociology) Random house '56 p 125-8 annot

See also

Birth control

Census

Demography

Eugenics

Man—Migrations

Sex ratio

Statistics

Demographic yearbook, 1955; prepared by Statistical office, Dept. of economic affairs. (V7) United nations '55 p751-72

See also

Vital statistics

America

Doherty, Donald K. Preliminary bibliography of colonization and settlement in Latin and Anglo-America. Geographical branch, Dept. of mines & technical surveys '52 70p

Brazil

Saunders, John Van Dyke. Differential fertility in Brazil. Univ. of Fla. press '58 p87-8

Europe

Frumkin, Grzegorz. Population changes in Europe since 1939; a study of population changes in Europe during and since World war II, as shown by the balance sheets of twenty-four European countries. Allen '51 incl bibliog

Great Britain

Moser, C. A. Recent developments in the sampling of human populations in Great Britain. *Am Stat Assn J* 50:1211-14 D '55

India

Chandrasekhar, Sripati. Population and planned parenthood in India; introd. by Julian Huxley. Allen '55 p99-105

POPULATION—Continued

Puerto Rico

Jaffe, Abraham J. People, jobs, and economic development; a case history of Puerto Rico sup. by recent Mexican experiences; foreword by Charles D. Stewart. (Columbia univ. Bur. of applied social research, Rep) Free press '59 p369-75

Westphalia

Reekers, S. Bevölkerung und bevölkerungsentwicklung in Westfalen im schrifttum der jahre 1943-1954. Westfälische Forsch 8: 222-7 '55

Wrede, G. Literaturbericht zur westfälischen siedlungsforschung 1938-1954. Westfälische Forsch 8:191-4 '55

POPULATION (botany). See Plant population
POPULATION (zoology)

Balogh, János. Lebensgemeinschaften der landtiere, ihre erforschung unter besonderer berücksichtigung der zoologischen arbeitsmethoden; 2. verb. und erweiterte ausg. des 1953 erschienenen werkes Grundzüge der zoözoologie. Verlag der Ungarischen akad. der wissenschaften '58 p509-87

Barbehenn, K. R. Spatial and population relationships between microtus and blarina. Ecology 39:303-4 Ap '58

Christian, J. J. Adrenal and reproductive responses to population size in mice from freely growing populations. Ecology 37:273 Ap '56

Crow, J. F. and Morton, N. E. Measurement of gene frequency drift in small populations. Evolution 9:214 Je '55

Edmondson, W. T. Seasonal life history of daphnia in an arctic lake. Ecology 36:454-5 Jl '55

Jameson, D. L. Population dynamics of the cliff frog, syrrophus Marnocki. Am Midland Nat 54:379-81 O '55

Kennerly, T. E. Contact between the ranges of two allopatric species of pocket gophers. Evolution 13:262-3 Je '59

Southwick, C. H. Population dynamics of confined house mice supplied with unlimited food. Ecology 36:224-5 Ap '55

Volpe, E. P. Genetic aspects of anuran populations. Am Natur 91:368-71 N '57

See also

Bird population
Fish population
Insect population

POPULATION density (biology) See Aggregation (biology)

POPULATION transfers

Kostanick, Huey Louis. Turkish resettlement of Bulgarian Turks, 1950-1953. (Calif. Univ. Pubs. in geography, v8, no2) Univ. of Calif. press '57 p 145-6

POPULISM in Russia (narodnichestvo)

Billington, James H. Mikhailovsky and Russian populism. Oxford '58 p 197-211

POPULIST party (United States)

Hicks, John Donald. Populist revolt; a history of the Farmer's alliance and the People's party. Univ. of Minn. press '55 p447-64 annot

PORCELAIN. See Pottery

PORE fungi. See Polyporaceae

PORK

Wismer-Pedersen, J. Some observations on the quality of cured bacon in relation to ante-mortem treatment. Acta Ag Scand 9 no 1:89-90, 101, 109

Zobriskey, S. E. and others. Significant relationships in pork carcass evaluation. J Animal Sci 18:426, 587-8, 593, 598 F-M '59

See also

Ham

POROSITY of soils. See Soil permeability

POROUS concrete. See Concrete, Porous

PORPHIN

Banks, Charles V. and Anderson, Samuel. Annotated bibliography of alpha, beta, gamma, delta-tetraphenylporphine. Ames laboratory, Iowa state college '57 17p

PORT authorities. See Authorities (state, municipal, etc)

PORT of New York authority

Griffin, John Ignatius. Port of New York. (New York (city). City college. Inst. of N.Y. area studies. Monograph no3) Arco '59 p 143-51

Port of New York authority. Selected bibliography of the Port of New York authority, 1921-1956. The authority '56 66p
—Supplement, 1956-1958. The authority '58 20p

PORT ROYAL DES CHAMPS (Cistercian abbey)

Trouncer, Margaret (Lahey). Reluctant abbess; Angélique Arnauld of Port-Royal (1591-1661) Sheed '57 p269-71

PORTER, William Trotter, 1809-1858

Yates, Norris Wilson. William T. Porter and the Spirit of the times; a study of the Big Bear school of humor. La. state univ. press '57 p205-10

PORTLAND cement. See Cement

PORTO RICO. See Puerto Rico

PORTRAIT painting

Sellers, C. C. Mezzotint prototypes of colonial portraiture: a survey based on the research of Waldron Phoenix Belknap, jr. Art Q 20:464+ Winter '57

PORTUGAL

Amorim Girão, Aristides de. Geografia de Portugal; 2d ed, acrescida do estudo das ilhas adjacentes. Portucalense editora '52 incl bibliog

British bulletin of publications on Latin America, the West Indies, Portugal and Spain, Hispanic and Luso-Brazilian councils, Canning house lib. See numbers

Chronique bibliographique portugaise. See numbers of Bulletin des études portugaises et de l'Institut français au Portugal

Hilton, Ronald, ed. Handbook of Hispanic source materials and research organizations in the United States. 2d ed Stanford univ press '56 448p

Kloosterboer, Willemina. Bibliografie van Nederlands publikaties over Portugal en zyn overzeese gebiedsdeelen; taal, literatuur, geschiedenis, land en volk; met een woord vooraf van M. de Jong. Bibliotheek, Rijksuniversiteit '57 232p

Perrino Rodriguez, F. Libros españoles sobre Portugal. Libro Esp 1:27-38 Ja '58

Church history

Méndez, Francisco. Índice-catálogo de la biblioteca del padre E. Flórez, o España sagrada; publicado, con una breve introd, Angel Custodio Vega. Real acad. de la historia '52 309p

Colonies

Amorim Girão, Aristides de. Geografia de Portugal; 2d ed, acrescida do estudo das ilhas adjacentes. Portucalense editora '52 incl bibliog

Kloosterboer, Willemina. Bibliografie van Nederlands publikaties over Portugal en zyn overzeese gebiedsdeelen; taal, literatuur, geschiedenis, land en volk; met een woord vooraf van M. de Jong. Bibliotheek, Rijksuniversiteit '57 232p

See also

Mozambique

Description and travel

Younger, William Anthony, and Younger, Elizabeth. Blue moon in Portugal; travels. Morrow '58 p288-9

Economic conditions

Macedo, Jorge de. A situação económica no tempo de Pombal; alguns aspectos. (Estudos e documentos para a história de Portugal, 1) Livraria Portugalá '51 p209-307

Historical geography

Stanislawski, Dan. Individuality of Portugal; a study in historical-political geography. Univ. of Tex. press '59 p219-28

Religion

See also

Catholic church in Portugal

PORTUGUESE EAST AFRICA. See Mozambique

PORTUGUESE in India

From Lisbon to Calicut; tr. by Alvin E. Prottengeier; commentary and notes by John Parker. (Minnesota. Univ. Library. James Ford Bell collection. Pubs) Univ. of Minn. press '56 p39-40

PORTUGUESE INDIA. See India, Portuguese

PORTUGUESE language

Nascentes, Antenor. A gíria brasileira. (Biblioteca brasileira de filologia no3) Livraria acadêmica '53 p ix-xvi

PORTUGUESE literature*See also*

Brazilian literature

History and criticism

Portuguese literature in recent years, 1951-1953[-1954-1956] a survey. *Mod Lang J* 35: 347-53; 41:173-93 N '54, Ap '57

Rossi, Giuseppe Carlo. *Storia della letteratura portoghese*. (La Civiltà europea) Sansoni '53 incl bibliog

Translations from English

United States. Library of Congress. Hispanic foundation. Provisional bibliography of United States books translated into Portuguese. (Hispanic foundation bibliog. ser. no2) Reference dept. '57 182p

PORTUGUESE manuscripts. *See* Manuscripts, Portuguese

PORTUGUESE philology

Manuppela, Giacinto. Os estudos de filologia portuguesa de 1930 a 1949; subsídios bibliográficos. (Publicações, 4) Centro de estudos filológicos, Inst. para a alta cultura '50 246p

Rohlf, Gerhard. *Manual de filologia hispânica; guia bibliog. crítica y metódica*; tr. castellana del manuscrito alemán por Carlos Patiño Rosselli. (Pubs. 12) Inst. Caro y Cuervo '57 377p

PORTUGUESE poetry

Seirós de Almeida Esteves, M. H. *Poesia da noite no lirismo português*. *Bol Filol* 15 no 1/2:192-7 '54/'55

History and criticism

Seirós de Almeida Esteves, M. H. *Poesia da noite no lirismo português*. *Bol Filol* 15 no 1/2:192-7 '54/'55

POSITIVISM

Marcuse, Herbert. Reason and revolution; Hegel and the rise of social theory; 2d ed, with sup. chapter. Humanities press '54 incl bibliog

POSTAGE stamps

Stockholm. Postmuseum. Filatelistiska bibliotek. *Handbok över monografier m. m.* Postmuseums filatelistiska bibliotek, Stockholm. Kungl. generalpoststyrelsen '54 1506p

Italy

Piloni, Luigi. *Bibliografia della posta e filatelia italiana*. (Biblioteca de bibliog. italiana, 33) Olschki '59 396p

Venezuela

Hernández Ron, Santiago. Orígenes de las dos primeras emisiones de las estampillas de correo de Venezuela. *Tip. Elzmeendi scrs.* '56 p69-71

POSTAL service

Staff, Frank. *Transatlantic mail*. De Graff '56 p 179-80

China

Olbricht, Peter. Das postwesen in China unter der Mongolenherrschaft im 13. und 14. Jahrhundert. (Göttinger asiatische forschungen, v 1) Harrassowitz '54 p91-8

Italy

Piloni, Luigi. *Bibliografia della posta e filatelia italiana*. (Biblioteca de bibliog. italiana, 33) Olschki '59 396p

Mexico

Mexico. Dirección general de correos. Biblioteca. Catálogo de documentos históricos de la Biblioteca postal. The library '54 110p

Netherlands

Benschop, W. J. M. Het postwezen van s'Gravenhage in derdehalve eeuw. (Geschiedkundige uitgaven, 3) Staatsbedrijf der posterijen. telegraaf en telefonie '51 p415-18

United States*See also*

Pony express

POST-IMPRESSIONISM (art)

Rewald, John. Post-impressionism; from Van Gogh to Gauguin. Museum of modern art '56 p551-94 annot

POST-MORTEM examinations. *See* Autopsy

POSTEL, Guillaume, 1510-1581

Bouwsmas, William James. *Concordia mundi: the career and thought of Guillaume Postel (1510-1581)*. (Harvard historical monographs, no33) Harvard univ. press '57 p299-313 annot

POSTURE

Phelps, Winthrop Morgan, and others. Diagnosis and treatment of postural defects. 2d ed Thomas '56 p 173-7

POTASH*See also*

Plants. Effect of potash on

POTASSIUM

Lown, Bernard, and Levine, Harold David. Atrial arrhythmias, digitalis and potassium. *Landsberger medical bks.* '58 p209-22

Weaver, C. E. Effects of geologic significance of potassium fixation by expandable clay minerals derived from muscovite, biotite, chlorite, and volcanic material. *Am Min* 43:859-61 S '58

See also

Bacteria. Effect of potassium on

Plants—Potassium content

Plants. Effect of potassium on

Soils—Potassium content

Isotopes

Carr, D. R. and Kulp, J. L. Potassium-argon method of geochronometry. *Geol Soc Am Bul* 68:783-4 Je '57

POTASSIUM salts

Lotze, Franz. *Steinsalz und kalisalze*. 2d rev ed Borntraeger '57 p386-451

POTATOES

American potato yearbook, 1955[-1959] Macfarland '55-'59 5v incl bibliog

Bettelheim, F. A. and Sterling, C. Factors associated with potato texture. *Food Res* 20:79-80, 128-9, 137 Ja-Mr '55

Callbeck, L. C. Progress report on the effect of zinc as a constituent of potato fungicides. *Am Potato J* 31:348 N '54

Emilsson, B. and others. *Användning av gröningshämmande medel vid lagring av matpotatis*. *Lantbruksakad Tids* 94 no2:157-8 '55

Fincher, Lillian Juanita, and Mountjoy, Beatrice Mersh. Potatoes: facts for consumer education. (U.S. Dept. of agriculture. Agriculture information bul. no 178) U.S. Gov. ptg. office '57 p25-7

Fults, J. L. and Payne, M. G. Effect of 2,4-D and maleic hydrazide on sprouting, yields and color in red McClure potatoes. *Am Potato J* 32:457-9 D '55

Hawkins, A. Response of potatoes to fertilizer nitrogen in the northeast. *Am Potato J* 33:233 J1 '56

Heiken, A. Aberrant types in the potato. *Acta Ag Scand* 8 no3:355-8 '58

Heinze, Peter Herman, and others. Cooking quality and compositional factors of potatoes of different varieties from several commercial locations. (U.S. Dept. of agriculture. Technical bul. no 1106) U.S. Gov. ptg. office '55 p57-61

Hougas, R. W. and Peloquin, S. J. Potential of potato haploids in breeding and genetic research. *Am Potato J* 35:707 O '58

Hougas, R. W. and Ross, R. W. Use of foreign introductions in breeding American potato varieties. *Am Potato J* 33:337-9 N '56

Hutchinson, A. and Hilton, R. J. Influence of certain cultural practices on solanine content and tuber yields in netted gem potatoes. *Can J Ag Sci* 35:490-1 S '55

King, J. R. Irish potato pollen storage. *Am Potato J* 32:465-6 D '55

King, J. R. and Johnston, T. M. Factors affecting Irish potato pollen germination in an artificial environment. *Am Potato J* 35:699-700 O '58

Kirkpatrick, Mary E. French-frying quality of potatoes as influenced by cooking methods, storage conditions and specific gravity of tubers. (U.S. Dept. of agriculture. Technical bul. no 1142) U.S. Gov. ptg. office '56 p43-5

Pedersen, S. Effect of ionizing radiations on sprout prevention and chemical composition of potatoes. *Food Tech* 10:536 N '56

Pohjakallio, O. and others. Analysis of earliness in the potato. *Acta Ag Scand* 7 no4:387-8 '57

Sereno, Mario N. and others. Effect of irradiation and subsequent controlled storage upon the composition of Maine Katahdin potatoes. (Bul. 563) Me. Agricultural experiment station, Univ. of Me. '57 p36-9

Smith, O. Potato quality. *Am Potato J* 35:582-4 J1 '58

Swaminathan, M. and Howard H. W. Cytology and genetics of the potato (*solanum tuberosum*) and related species. *Bibliog Genet* 16 no 1-2:156-92 '53

POTATOES—Continued

- United States. Department of agriculture. Cooking quality and compositional factors of potatoes of different varieties from several commercial locations. (Technical bul. no 1106) The department '55 p57-61
- Unrau, A. M. and Nylund, R. E. Relation of physical properties and chemical composition to mealiness in the potato. *Am Potato J* 34:253, 311 S, N '57
- Van Schreven, D. A. On the physiology of tuber-formation in potatoes. *Plant & Soil* 8:73-4, 85-6 Ag '56
- Watada, A. E. and Kunkel, R. Variation in reducing sugar content in different varieties of potatoes. *Am Potato J* 32:140 Ap '55
- Young, D. A. Fungus-like structure in potato tubers and potato tissue cultures. *Am Potato J* 35:594-5 J1 '58
- See also
Sweet potatoes

Diseases and pests

- Bagnall, R. H. and Bradley, R. H. E. Resistance to virus Y in the potato. *Phytopathology* 48:125 Mr '58
- Bagnall, R. H. and others. Potato viruses M, S and X in relation to interveinal mosaic of the Irish cobbler variety. (Research bul. 198) Agricultural experiment station, Univ. of Wis. '56 p44-5
- Corbett, M. K. Apparent hypersensitivity of potato hybrids to potato virus Y. *Phytopathology* 45:155 Mr '55
- Day, M. F. Mechanism of the transmission of potato leaf roll virus by aphids. *Australian J Biol Sci* 8:512-13 N '55
- Easton, G. D. and others. Immunity to virus Y in the genus *solanum*. (Research bul. 205) Agricultural experiment station, Univ. of Wis. '58 p28-31
- Folsom, D. Testing potato seedling varieties in Maine for field resistance to leafroll and for desirable horticultural characteristics. *Am Potato J* 32:384-5 O '55
- Hooker, W. J. and others. Virus X resistance in potato. *Am Potato J* 31:210-12 J1 '54
- Murant, A. F. and Wood, R. K. S. Factors affecting the pathogenicity of bacteria to potato tubers. *Ann Ap Biol* 45:649, 662-3 D '57
- Silberschmidt, K. Potato viruses in the Americas. *Phytopathology* 44:419-20 Ag '54
- Wilson, James Dean, and others. Control of foliage diseases and insects of potatoes. (Research bul. 788) Ohio agricultural experiment station '57 p 112-14
- Wilson, J. H. Effects of nutrition and light intensity on symptoms of leaf-roll virus infection in the potato plant. *Ann Ap Biol* 43:286-7 Je '55

Periodicals

- Potato handbook, 1959. Potato assn. of Am. '59 p55

Storage

- Schreiber, J. S. and Highlands, M. E. Study of the biochemistry of irradiated potatoes stored under commercial conditions. *Food Res* 23:471-2 S '58

POTATOES, Dried

- Olson, R. L. and Harrington, W. O. Technology of potato granule manufacture. *Am Potato J* 32:110-11 Mr '55

POTENTIALS, Brain. See Brain potentials**POTENTILLA. See Cinquefoil****POTTER, Beatrix, 1866-1943**

- Potter, Beatrix. Art of Beatrix Potter; with an appreciation by Anne Carroll Moore. Warne '55 p334-6
- Same, 2d ed Warne '56 p334-6

POTTERY

- American ceramic society. Indexes to publications of the Society: *Journal of the American ceramic society*, 1918-1955 [and] the American ceramic society bulletin, 1922-1955; comp. and ed. by Lola Schell Bigler [and others] The society '57 131p
- British ceramic abstracts. See numbers of British ceramic society. Transactions
- British ceramic society. Ceramics, a symposium arr. and ed. by A. T. Green and Gerald H. Stewart. The society '53 incl bibliog

- Ceramic abstracts. See numbers of American ceramic society. *Journal*
- Hughes, George Bernard and Hughes, Therle. Collector's encyclopaedia of English ceramics. Macmillan '56? p 167-72

- Liebscher, Imfried, and Willert, Franz. Technologie der keramik. (Keramisches schafffen, v 1) Verlag der kunst '55 p391-4

- Macht, Carol. Classical Wedgwood designs; the sources and their use and the relationship of Wedgwood jasper ware to the classical revival of the 18th century. Barrows '57 p 132-8

- Norton, Frederick Harwood. Ceramics for the artist potter. Addison-Wesley '56 incl bibliog

- Pennsylvania. Department of public instruction. Ceramics as an area of industrial arts instruction in Pennsylvania public schools. (Bul. 331-B) The department '55 p64-72, 76-7 annoi

- Seeley, Vernon D. and Thompson, Robert L. Activities in ceramics. McKnight '56 p78-80 annot

See also**Glazes****Indians—Pottery****History**

- Wykes-Joyce, Max. 7000 years of pottery and porcelain. Philosophical lib. '58 p262-7

Japan

- Kidder, Jonathan Edward. Jomon pottery of Japan. (Artibus Asiae. Sup. 17) Artibus Asiae pubs. '57 p 154-86

POTTERY, Ancient

- Townsend, E. D. Mycenaean chamber tomb under the Temple of Ares. *Hesperia* 24: 187-8 J1 '55

POTTERY, Chinese

- Goidsenhoven, Jules Pierre van. La céramique chinoise; commentaires sur son évolution; préf. par Daisy Lion-Goldschmidt. Editions de la connaissance '53 p 197-200

- Osgood, Cornelius. Blue-and-white Chinese porcelain; a study of form. Ronald '56 p 147-55

- Pope, John Alexander. Chinese porcelains from the Ardebil shrine. (Pub. 4231) Smithsonian institution '56 p 163-71

POTTERY, English

- Haggar, Reginald George. Staffordshire chimney ornaments. Pitman '55 p 151-2

- Untermeyer, Irwin. Chelsea and other English porcelain, pottery and enamel in the Irwin Untermeyer collection; text by Yvonne Hackenbroch. Harvard univ. press '57 p275-83

POTTERY, Gallo-Roman

- Stanfield, Joseph Aloysius, and Simpson, Grace. Central Gaulish potters with a pref. by Eric Birley. (Durham, England, Univ. Pubs) Oxford '58 p xxv-xxviii

POTTERY, German

- Savage, George. 18th-century German porcelain; foreword by H. Weinberg. Macmillan '5-? p226-7

POTTERY, Hungarian

- Csányi, Károly. Geschichte der ungarischen keramik, des porzellans und ihre marken; tr. by Thomas Mátrai. Verlag des Fonds für bildende künste '54 p 124-6

POTTERY, Italian

- Bassano del Grappa, Italy. Museo civico. Catalogo della I mostra di ceramiche antiche di Bassano, delle Nove e di Vicenza, a cura di Gino Baroli. Neri Pozza '54 p79-80

- Società ceramica italiana, Laveno-Mombello, Italy. La terraglia italiana; note di Giuseppe Morazzoni; pref. di Leonardo Borgese. Alfieri '56? p 172-4

POTTERY, Maya

- Brainerd, George Walton. Archaeological ceramics of Yucatan. (Anthropological records, v 19) Univ. of Calif. press '53 p 101-6

- Smith, Robert Eliot. Ceramic sequence at Uaxactun, Guatemala. (Pub. no20) Middle Am. research inst, Tulane univ. '55 2v v 1, p205-11

POTTERY, Mohammedan

- Lane, Arthur. Later Islamic pottery: Persia, Syria, Egypt, Turkey. (Faber monographs on pottery and porcelain) Pitman '57 p 124-7

POTTERY, Primitive

Tolstoy, P. Archaeology of the Lena basin and its New World relationships. *Am Antiq* 23:415-18 Ap '58

See also

Indians of Mexico—Pottery

Indians of North America—Pottery

POTTERY, Roman

Charleston, R. J. Roman pottery. (Faber monographs on pottery and porcelain) Faber '55 p41-4

POTZGER, John Ernest, 1886-1955

Potzger, J. E. Bibliography of scientific papers. *Butler Univ Bot Stud* 13:6-11 D '56

POUJADISME

Touchard, M. Bibliographie et chronologie du poujadisme. *R Française Sci Pol* 6:18-43 Ja '56

POULTRY

Johndrew, Orvis F. and others. Poultry grading manual. rev ed (U.S. Dept. of agriculture. Agriculture handbk. no31) U.S. Gov. ptg. office '56 p37-8

Newcomer, E. H. Mitotic chromosomes of the domestic fowl. *J Heredity* 48:233-4 S '57

Rice, James Edward, and Botsford, Harold Eugene. Practical poultry management. 6th ed (Wiley farm ser) Wiley '56 incl bibliog

United States. Superintendent of documents. Animal industry. (Price list 38, 53d ed) U.S. Gov. ptg. office '59 12p

Winter, Alden Raymond, and Funk, Ernest Marvin. Poultry science and practice; ed. by R. W. Gregory. 4th ed Lippincott '56 incl bibliog

See also

Ducks

Eggs

Incubation

Turkeys

Anatomy

See Birds—Anatomy

Breeding

See Poultry breeding

Diseases and pests

Barger, Edgar Hugh, and others. Diseases and parasites of poultry. 5th rev ed Lea '58 incl bibliog

Biester, Harry Edward, and De Vries, Louis. Diseases of poultry; 4th ed. by H. E. Biester and L. H. Schwarte. Iowa state univ. press '59 incl bibliog

Biester, Harry Edward, and Schwarte, Louis Harold, eds. Diseases of poultry. 3d ed Iowa state college press '52 incl bibliog

Champion, L. R. Inheritance of resistance to cecal coccidiosis in the domestic fowl. *Poultry Sci* 33:681 JI '54

Cover, M. S. Review of the chemotherapy of avian viral and bacterial infections. *Am Vet Med Ass J* 131:468-9 N 15 '57

DeKock, G. Studies on the histo-pathology and pathogenesis of Newcastle disease of fowls in South Africa, with special reference to the lymphoid tissue. *Onderstepoort J Vet Res* 26:610-12 S '54

Sanger, V. L. and others. Alimentary toxemia in chickens. *Am Vet Med Assn J* 133:176 Ag 1 '58

Staflseth, H. J. Advances in knowledge of poultry diseases over the past fifty years. *Poultry Sci* 37:766-75 JI '58

United States. Congress. House. Committee on agriculture. Poultry inspection; hearings before the Subcom. on poultry and eggs on compulsory poultry inspection. July 17 and 18, 1956. U.S. Gov. ptg. office '57 p33-7

Van Roekel, Henry, and others. Etiology and pathology of the chronic respiratory disease complex in chickens. (Bul. no486) Experiment station, College of agriculture, Univ. of Mass. '57 p91-4

See also

Leucemia in poultry

Newcastle disease

Egg production

Anderson, G. J. and others. Effect of high level vitamin supplementation of high and low energy rations on egg production and egg shell quality. *Poultry Sci* 36:1375-6 N '57

Biswal, G. and Morrill, C. C. Pathology of the reproductive tract of laying pullets affected with Newcastle disease. *Poultry Sci* 33:896-7 S '54

Branion, H. D. and others. Effect of an antibiotic on egg production. *Poultry Sci* 35:788-9 JI '56

Francis, D. W. and Shaffner, C. S. Investigation of the morphological changes in young chickens and the reproductive performance of adult chickens fed furazolidone or nitrofurazone. *Poultry Sci* 35:1379-81 N '56

Hosoda, T. and others. Serological studies on egg production in the fowl. *Poultry Sci* 34:14-15 Ja '55

Wyatt, A. J. Genetic variation and covariation in egg production and other economic traits in chickens. *Poultry Sci* 33:1273-4 N '54

Embryology

See Embryology—Birds

Feeding

Almquist, H. J. Phosphorus requirement of young chicks and poults—a review. *Poultry Sci* 33:943-4 S '54

Ames, S. R. Role of vitamin E (α -tocopherol) in poultry nutrition and disease. *Poultry Sci* 35:156-9 Ja '56

Anderson, G. J. and others. Effect of high level vitamin supplementation of high and low energy rations on egg production and egg shell quality. *Poultry Sci* 36:1375-6 N '57

Atkinson, R. L. and others. Further studies on unidentified growth factor sources for broad breasted bronze turkey poults. *Poultry Sci* 34:860-1 JI '55

Camp, A. A. and others. Response to diethylstilbestrol injections of growing chicks fed various protein levels. *Poultry Sci* 36:177-8 Ja '57

Camp, A. A. and others. Supplementary vitamin A and choline in the diet of the growing chick. *Poultry Sci* 34:1138 S '55

Combs, G. F. and others. Effect of diethylstilbestrol pelleting, dietary fat level and C/P ratio on growth, feed requirements and quality of turkey fryers. *Poultry Sci* 37:861-70 JI '58

Dow, D. S. and Allen, C. E. Rapeseed oil meal in broiler rations with observations on the nature and control of its metabolic inhibitors. *Can J Ag Sci* 34:612-13 N '54

Eastman Kodak company. Distillation products industries. Annotated bibliography of vitamin E (alpha-tocopherol) in the nutrition of turkeys, ducks, and pheasants; 1934 to 1955; comp. by Stanley R. Ames [and others] The company '55 28, 4p

Edwards, H. M. and others. Differentiation of unidentified chick growth factors in liver. *J Nutrition* 57:341-3 N '55

Fisher, H. and others. Role of glycine in chick nutrition. *J Nutrition* 55:428-30 Mr '55

Francis, D. W. and Shaffner, C. S. Investigation of the morphological changes in young chickens and the reproductive performance of adult chickens fed furazolidone or nitrofurazone. *Poultry Sci* 35:1379-81 N '56

Harms, R. H. and others. Evidence for a substance in fish solubles which enhances vitamin A storage in chick livers. *Poultry Sci* 35:290-1 Mr '56

Heuser, Gustave Frederick. Feeding poultry. 2d ed (Wiley poultry science ser) Wiley '55 incl bibliog

Jacobs, B. L. and others. Unidentified chick-growth factor found in litter. *J Nutrition* 54:425-6 N '54

Klain, G. J. and others. Value of rapeseed oil meal and sunflower seed oil meal in chick starter rations. *Poultry Sci* 35:1326 N '56

Leveille, G. A. and Fisher, H. Observation on lipid utilization in hens fed vegetable and animal fat supplemented diets. *Poultry Sci* 37:663-4 My '58

Mellen, W. J. and others. Studies of the energy requirements of chickens; effect of dietary energy level on the basal metabolism of growing chickens. *Poultry Sci* 33:798 JI '54

POULTRY—Feeding—Continued

- Morrison, W. D. and others. Utilization of D-tryptophan by the chick. *J Nutrition* 60: 61-3 S '56
- Motzok, I. and others. Utilization of phosphorus from various phosphate supplements by chicks. *Poultry Sci* 35:647-9 My '56
- Mueller, W. J. and others. Influence of age and sex on the utilization of proximate nutrients and energy by chickens. *J Nutrition* 58:49-50 Ja '56
- Norris, L. C. Significant advances of the past fifty years in poultry nutrition. *Poultry Sci* 37:268-74 Mr '58
- Rasmussen, R. A. and others. Measurement and differentiation of unidentified chick growth factors using a new semi-purified ration. *Poultry Sci* 36:53-4 Ja '57
- Welch, B. E. and Couch, J. R. Homocystine, Vitamin B₁₂, choline, and methionine in the nutrition of the laying fowl. *Poultry Sci* 34:221-2 Ja '55
- Wixom, R. L. and others. Nutritional studies with glycine, aminoethanol and related compounds in the chick. *J Nutrition* 64:28-31 Ja '58
- Marketing**
- Klose, A. A. and others. Poultry tenderness. *Food Tech* 13:24, 29 Ja '59
- Physiology**
- See Birds—Physiology*
- POULTRY, Effect of X rays on**
- Lucas, A. M. and Denington, E. M. Effect of total body X-ray irradiation on the blood of female single comb white leghorn chickens. *Poultry Sci* 36:1309-10 N '57
- POULTRY breeding**
- Crittenden, L. B. and others. Genetic variance and covariance of the components of hatchability in New Hampshires. *Poultry Sci* 36:102-3 Ja '57
- Jerome, F. N. and others. Heritabilities, gene interactions, and correlations associated with certain traits in the domestic fowl. *Poultry Sci* 35:1013 S '56
- Johnson, A. S. and Asmundson, V. S. Genetic and environmental factors affecting size of body and body parts of turkeys. *Poultry Sci* 36:966, 1056-7, 1061-2 S '57
- Parnell, Edward Douglas. Profitable poultry production. (Southern farm ser) Wiley '57 incl bibliog
- Warren, D. C. Half century of advances in the genetics and breeding improvement of poultry. *Poultry Sci* 37:17-20 Ja '58
- Yamada, Y. and others. Genetic analysis of a white leghorn closed flock apparently plateaued for egg production. *Poultry Sci* 37:579-80 My '58
- POULTRY industry and trade**
- Kahle, Humbert Scott, and Gray, Leo R. Utilization and disposal of poultry by-products and wastes. (U.S. Agricultural marketing service, Marketing research rep. no 143) U.S. Govt. ptg. office '56 p50-4
- Manchester, Alden Coe. Guide for northeast regional research in the economics of marketing poultry products. Northeastern agricultural experiment stations; U.S. Dept. of agriculture; New England research council on marketing & food supply '52 incl bibliog
- POUSSIN, Nicolas, 1594-1665**
- Wildenstein, G. Les graveurs de Poussin au XVII^e siècle. *Gaz Beaux Arts* 46:75-372 S '55 incl bibliog
- POVERTY**
- See also*
- Poor
- POWDER metallurgy**
- American society for metals. Powder metallurgy in nuclear engineering; proceedings of the conference on powder metallurgy in atomic energy, held Oct. 20, 1955 in Philadelphia. The society '58 incl bibliog
- American society of tool engineers. Tooling for metal powder parts; a practical treatment on modern practice in the process planning, tool design, equipment, and operations involved in producing structural parts from metal powders, by George H. De Groat; Frank W. Wilson [and] Philip D. Harvey, editors. McGraw '53 p230-6
- Československá akademie věd. Sekce technická. Pokroky práškové metalurgie; sborník referátů přednesených na konferenci pořádané Technickou sekcí Československé akademie věd za spolupráce Výzkumného ústavu pro práškovou metalurgii ve Vestci, ve dnech 12. až 15. dubna 1953 v Brně; za red. Františka Piška a Ladislava Jeníčka. Nakl. Československé akad. věd '54 incl bibliog
- Goetzel, C. G. Dispersion strengthened alloys: the possibilities for light metals. *J Metals* 11:194, 280 Mr-Apr '59
- Organization for European economic co-operation. Powder metallurgy. Technical assistance mission no 141. The organization '55 p286-9
- POWELL, Lawrence Clark, 1906-**
- Rosenberg, Betty. Check-list of the published writings 1931-1958 of Lawrence Clark Powell. Univ. of Calif. lib. '58 18p
- POWER (mechanics)**
- European coal and steel community. High authority. Bibliothèque. Problèmes d'énergie, 1946-1955. Energieprobleme, 1946-1955. (Bibliogs. de la Haute autorité, 2) The library '55 28p
- Obrąpalski, Jan. Gospodarka energetyczna. Państwowe wydawn. techniczne '53 incl bibliog
- Prague. Ústřední technická knihovna. Novinky technické literatury z oboru energetiky; seznam knih vydaných v letech 1953 a 1954 v ČSR, SSSR a lidových demokraciích a zařazených v ÚTK. The library '54 46p
- See also*
- Atomic power
Electric power
Force and energy
Machinery
Power resources
Servomechanisms
Water power
Wind power
- POWER (social sciences)**
- Spitz, David. Democracy and the challenge of power. Columbia univ. press '58 p211-22
- POWER plants**
- See also*
- Hydroelectric plants
Steam plants
- POWER resources**
- Schanz, John J. and others. Future energy sources for Pennsylvania. (Circ. no53) Mineral industries experiment station, Pa. state univ. '58 p 157-66
- Tybout, Richard Alton. Atomic power and energy resource planning. (Research monograph no94) Bur. of business research, Ohio state univ. '58 p95-8
- POWER transmission**
- See also*
- Servomechanisms
- POWERS, James Earl, 1917-**
- Wedge, G. F. [Bibliography]. Critique 2:63-70 Fall '58
- POWERS, Delegation of. See Delegation of powers**
- PRAAG, Jonas Andries van, 1895-**
- Homenaje a J. A. van Praag, catedrático de la Universidad de Amsterdam, 1930-1955. L. J. Veen '57 p8-11
- PRAGMATISM**
- Keating, James. Function of the philosopher in American pragmatism. (Catholic univ. of Am. Philosophical studies, v 149) Catholic univ. press '53 p31-6
- PRAIRIE dogs**
- Koford, Carl Buckingham. Prairie dogs, whitefaces, and blue grama. (Wildlife monographs, no3) Wildlife soc. '58 p76-8
- PRAIRIES**
- Weaver, John Ernest. North American prairie. Johnsen pub. co. '54 p332-9
- Weaver, John Ernest, and others. Grasslands of the Great Plains: their nature and use. Johnsen pub. co. '56 p379-87
- PRATT, Wallace Everette, 1885-**
- Barrow, L. T. Wallace Everette Pratt. *Am Assn Pet Geol Bul* 42:1759-60 Jl '58
- PRAYER**
- Blackwood, Andrew Watterson. Leading in public prayer. Abingdon '58 p 197-202

PRAYER—Continued

- Eddy, Robert Leigh, ed. Pastoral prayers through the year; an anthology by contemporary leaders and teachers of Am. Protestantism; with an introduction. Scribner '59 p 177-80 annot
- Lercaro, Giacomo, cardinal. Metodi di orazione mentale. 2d ed Bevilacqua e Solari '57 incl bibliog
- Same; with title Methods of mental prayer; tr. from the original Italian by T. F. Lindsay. Newman press '57 p293-305 annot
- Stephens, John Underwood. Simple guide to prayer. Abingdon '57 p 119-24 annot
- Thomson, James G. S. S. Praying Christ; a study of Jesus doctrine and practice of prayer. Eerdmans '59 p 153-5

PREACHING

- Blackwood, Andrew Watterson. Doctrinal preaching for today; case studies of Bible teachings. Abingdon '56 p209-15 annot
- Davis, Henry Grady. Design for preaching. Muhlenberg press '58 p295-300
- Jackson, Edgar Newman. How to preach to people's need. Abingdon '56 p 183-7 annot
- Johnson, Howard Albert, ed. Preaching the Christian year [by] Hughell E. W. Fosbroke [and others] ed. for the dean and chapter of the Cathedral church of St John the Divine; with a foreword by James A. Pike. Scribner '57 p236-8
- Jones, Hilon Tینگal. Principles and practice of preaching. Abingdon '56 incl bibliog
- Pickell, Charles N. Preaching to meet men's needs; the meaning of the Acts as a guide for preaching today. Exposition '58 p79-82
- Stevenson, Dwight E. and Diehl, Charles F. Reaching people from the pulpit; a guide to effective sermon delivery. Harper '58 p 164-8 annot

See also

Sermons

PRECIOUS metals

See also

Platinum metals

PRECIOUS stones

- Brown, John Coggin, and Dey, A. K. India's mineral wealth; a guide to the occurrences and economics of the useful minerals of India, Pakistan, and Burma. 3d ed Oxford '55 p707-27
- Rockhound buyers guide, 1st ed, 1953. Lapidary journal '53 p 114-28
- Smith, George Frederick Herbert. Gemstones; rev. by F. C. Phillips. Pittman '58 p532-42
- Weinstein, Michael. World of jewel stones. Sheridan '58 p399-402

See also

Diamonds

Gems

PRECIPITATION (chemistry)

- American society for metals. Precipitation from solid solution, by R. F. Mehl [and others] a ser. of nine educational lectures on precipitation from solid solution presented to the members of the ASM during the Nat. metal congress and exposition, Chicago, Nov. 4 to 8, 1957. The society '59 incl bibliog

PRECISION casting

- Allendorf, Hans. Präzisionsgiesserei mit ausschmelzmodellen. Fachbuchverlag '56 incl bibliog
- Doškář, J. and Krumpole, V. Novodobé způsoby lití kovů. Státní nakl. technické literatury '55 p283-7
- United States. Department of commerce. Office of technical services. Investment precision casting, by Roy W. Tindula. The office '54 p 16-25

PREDATORY animals. See Animals, Predatory**PREDATORY insects. See Insects, Predatory****PREDEEK, Albert, 1883-1956**

- Kaegbein, P. Verzeichnis der arbeiten von Albert Predeek. Z Bibl & Bibliog 3 no3: 229-34 '56

PREDESTINATION

- Buls, Harry. Historic Protestantism and predestination. Presbyterian & reformed pub. '58 p 139-42
- Nygren, Gotthard. Das prädestinationsproblem in der theologie Augustins; eine systematisch-theologische studie [übers: Christa-Maria Lyckhagel (Forschungen zur kirchen- und dogmengeschichte. v5) Vandenhoeck & Ruprecht '56 p296-306

PREDICTIONS. See Prophecies**PREFABRICATED buildings. See Buildings, Prefabricated****PREFERENCES (psychology) See Choice (psychology)****PREGNANCY**

- Brandt-Nielsen, Erik. Experiments on the oxytocin sensitivity of the rat uterus; an investigation into the hormonal factors which control the length of gestation and the initiation of parturition in the white rat, by means of myographic experiments on isolated uteri from pregnant and parturient rats, and from rats under various experimental conditions. Danske forlag '51 p205-40
- Conference on gestation. Gestation; transactions of the 2d[5th] Conference, 1955 [-1958] Macy '56-'59 4v incl bibliog
- Foster, T. S. Gonadotrophins of bovine blood and urine. Can J Ag Sci 36:469-70 N '56
- Gorski, J. and others. Sources of progestins in the pregnant cow. J Dairy Sci 41:1385-6 O '58
- Greenwald, G. S. Interruption of pregnancy in the rabbit by the administration of estrogen. J Exp Zool 135:476-8 Ag '57
- Hagbard, Lars. Pregnancy and diabetes mellitus, a clinical study [from the Swedish by Helen Frey] (V35. Sup 1) Acta obstetricia et gynecologica scandinavica '56 p 156-69
- Harrell, Ruth Flinn, and others. Effect of mothers' diets on the intelligence of offsprings; a study of the influence of vitamin supplementation of the diets of pregnant and lactating women on the intelligence of their children. Teachers college '55 p66-71
- Indiana. University. Institute for sex research. Pregnancy, birth and abortion by Paul H. Gebhard [and others] (Studies) Harper '58 p249-65
- Kronfeld, D. S. Fetal drain of hexose in ovine pregnancy toxemia. Cornell Vet 48:401-4 O '58
- Mack, Harold C. Plasma proteins in pregnancy, a clinical interpretation; foreword by Nicholson J. Eastman. (Am. lecture ser. pub. no252) Thomas '55 p 111-18
- Malmnäs, Clarence. Immunity in pregnancy; a clinical study of the antistreptolysin, antistaphylolysin and dye test reactions and the gamma-globulin level. Almqvist '58 p97-106
- Medical problems in pregnancy, ed. by Curtis J. Lund. Management of endocrine problems, ed. by Allan C. Barnes. (Clinical obstetrics and gynecology, v 1, no 1) Hoeber '58 incl bibliog
- Melampy, R. M. and others. Progesterone content of bovine reproductive organs and blood during pregnancy. J Animal Sci 18: 312-13 F '59
- Rollins, W. C. and others. Gestation length in an inbred Jersey herd. J Dairy Sci 39: 1592-3 N '56
- Smithberg, M. and Runner, M. N. Induction and maintenance of pregnancy in prepuberal mice. J Exp Zool 133:456-7 D '56
- Toxemias of pregnancy; ed. by Louis M. Hellman. Fibromyomas of the uterus; ed. by Robert Alexander Kimbrough. (Clinical obstetrics and gynecology, v 1, no2) Hoeber '58 incl bibliog
- Wertz, A. W. and others. Tryptophan-niacin relationships in pregnancy. J Nutrition 64: 352-3 Mr '58
- Wrenn, T. R. and others. Body temperature variations in dairy cattle during the estrous cycle and pregnancy. J Dairy Sci 41:1075-6 Ag '58

See also

Obstetrics

Signs and diagnosis

See also

X rays in obstetrics

PREHISTORIC man. See Man, Prehistoric**PREJUDICES. See Antipathies and prejudices****PRENATAL influences**

- Conference on environmental influences on prenatal development. Bar Harbor, Maine, 1956. Environmental influences on prenatal development, edited by Beatrice Mintz. (Developmental biology conference ser. 1956) Univ. of Chicago press '58 p82-7
- Montagu, A. Behavior as viewed in the behavioral sciences and by American education. Teach Coll Rec 60:443 My '59

PRERADOVIĆ, Petar, 1818-1872

Zadar, Dalmatia. Naučna biblioteka. Bibliografija književnih radova Petra Preradovića, kao i pjesama, članaka, i rasprava o njemu objavljenih u Zadru. The library '52 23p

PRESBYTERIAN church

Loetscher, Lefferts Augustine. Brief history of the Presbyterians. rev & enl ed Westminster press '58 p 123-5

History

Spence, T. H. Brief bibliography of Presbyterian history. *Relig in Life* 25:603-12 Autumn '56

PRESCHOOL children

Selected references on preschool, parental, and kindergarten-primary education. *El Sch J* 56:272-6; 57:335-41; 58:347-56; 59:349-55 F '56, Mr '57, Mr '58, Mr '59 annot

PRESCOTT, William Hickling, 1796-1859

Gardiner, Clinton Harvey. William Hickling Prescott; an annot. bibliog. of pub. works. (Bibliog. ser. no4) Hispanic foundation. U.S. Lib. of Congress '58 275p

Patterson, J. E. Checklist of Prescott manuscripts. *Hispan Am Hist R* 39:116-28 F '59

PRESERVATION (natural history) See Insects—Collection and preservation**PRESERVATION of wildlife.** See Wildlife. Conservation of**PRESERVING.** See Canning and preserving**PRESIDENTS****United States**

Hamilton, Holman. White House images & realities. Univ. of Fla. press '58 p85-92

Holloway, O. Willard. American presidency: a list of sel. readings. (Special bibliog. no8) Artillery & guided missile school lib. '56 4p

Jensen, Amy (La Follette). White House and its thirty-two families. McGraw '58 p278-80

Loney, Claire. United States presidency. (Special subject lists, no9) Lib. assn. '56 11p

MacLean, Joan Coyne, ed. President and Congress; the conflict of powers. (Reference shelf, v27, no 1) Wilson. '55 p207-18

Tompkins, Jane, and McCornell, Burt Morton. First Ladies, from Martha Washington to Mamie Eisenhower. Crowell '53 p333-7

Election

Aly, Bower, ed. Selecting the president. (Discussion and debate manual. 27, 1953-1954) Art craft press '53 2v v 1, p9-12

Clancy, Herbert John. Presidential election of 1880. (Jesus studies) Loyola univ. press '58 p269-78

Gunderson, Robert Gray. Log-cabin campaign. Univ. of Ky. press '57 p275-9 annot

Nevada, Legislative counsel bureau. Study of the presidential primary. (Bul. no32) The bureau '58 p87-9

Roseboom, Eugene Holloway. History of presidential elections. Macmillan '57 p543-53

Walch, John Weston. Complete handbook on selection of presidents. The author '53 2v incl bibliog

Zornow, William Frank. Lincoln & the party divided. Univ. of Okla. press '54 p223-47

PRESS

Siebert, Frederick Seaton, and others. Four theories of the press: the authoritarian, libertarian, social responsibility, and Soviet communist concepts of what the press should be and do. Univ. of Ill. press '56 p 147-53

See also

Freedom of the press

Journalism

*Newspapers

Periodicals

United States

Schlesinger, Arthur Meier. Prelude to independence: the newspaper war on Britain, 1764-1776. Knopf '53 p316-18 annot

PRESS law

Martinides, L. Pressefreiheit und presserecht. *Gazette* 3 no4:297-8 '57

PRESSURE

Kavanau, L. L. Base pressure studies in rarefied supersonic flows. *J Aero Sci* 23: 207+ Mr '56

Measurement

Brombacher, William George, and Lashof, T. W. Bibliography and index on dynamic pressure measurement. (U.S. Nat. bur. of standards. Circ. 558) U.S. Gov. ptg. office '55 124p

Gerrard, J. H. Piezoelectric pressure gauges for use in a shock tube. *Acustica* 9 no 1:22-3 '59

Liu, F. F. and Berwin, T. W. Recent advances in dynamic pressure measurement techniques. *Jet Propulsion* 28:130+ F '58

PRESSURE vessels

McGeedy, L. J. Transition temperature behavior of pressure vessel steels. *Welding J* 34:sup 11 Ja '55

PRESTRESSED concrete. See Concrete. Prestressed**PREVENTIVE medicine.** See Medicine. Preventive**PREVOST, Antoine François, 1697-1763**

Engel, C. E. L'état des travaux sur l'abbé Prevost. *Inf Litt* 9:146-9 S '57

PREVOST D'EXILES, Antoine François. See Prevost, A. F.**PREVOST-PARADOL, Lucien Anatole, 1829-1870**

Guiral, Pierre. Prevost-Paradol (1829-1870) pensée et action d'un libéral sous le second empire. Presses univ. de France '55 p763-806

PRICE control. See Price regulation**PRICE regulation**

Hollander, Stanley Charles. Special interest bibliography on discount selling, retail price-cutting, and resale price controls. (AMA bibliog. ser. no3) Am. marketing assn. '56 52p annot

PRICE stabilization, Governmental. See Price regulation**PRICES**

Allocation of economic resources; essays in honor of Bernard Francis Haley, by Moses Abramovitz [and others] (Stanford studies in history, economics and political science, 17) Stanford univ. press '59 incl bibliog

Andriessen, Jacobus Elje. De ontwikkeling van de moderne prijs theorie. Stenfert Kroese '55 p273-85

Bober, Mendell Morton. Intermediate price and income theory. Norton '55 incl bibliog

Leftwich, Richard Henry. Price system and resource allocation. Rinehart '55 incl bibliog

Metzner, Max. Kostengestaltung, preisbildung und marktprobleme. Duncker & Humblot '53-'54 2v v 1, p 155-60; v2, p 164-77

Van Deventer, B. Wins en prysteorie me spesiale verwysing na: die entrepreneur, sy funksies en beloning. Swets & Zeitlinger '52 p237-43

Warntz, William. Toward a geography of price: a study in geo-econometrics. Univ. of Pa. press '59 p 109-13

See also

Discount

Farm produce—Prices

Price regulation

Supply and demand

Value

Wages

France

France. Institut national de la statistique et des études économiques. Les statistiques de prix en France et en divers pays étrangers. The institute '53 p393-404

Russia

Massachusetts institute of technology. Center for international studies. Bibliography of Soviet price lists. The center '55 43p

PRIESTLEY, John Boynton, 1894-

Brown, Ivor John Carnegie. J. B. Priestley. (Bibliog. ser. of sups. to British bk. news, no84) Longmans '57 p35-9

PRIESTS

Canziani, Luigi Maria. Maria santissima e il sacerdote; pensieri. 3d ed (Luci di Maria, 4) Massimo editore '54 p407-20

Garrigou-Lagrange, Reginald. Priesthood and perfection; tr. by E. Hayden. Newman press '55 p 199-201

Rooney, E. M. Road of books to the priesthood. *Cath Lib World* 27:212-14 F '56 annot

- PRIGGE, Richard, 1896-**
Albrecht, Bruno, and Bockemüller, Wilhelm, eds. Richard Prigge zum 60. geburtsstag. (Arbeiten aus dem Paul-Ehrlich-inst. dem Georg-Speyer-haus und dem Ferdinand Blum-inst. zu Frankfurt a.M. no52) Fischer '56 p8-20
- PRIM Y PRATS, Juan, marqués de los Castillejos, 1814-1870**
Oliver Bertrand, Rafael. El caballero Prim, siglo de pasión política. Miracle '52 2v v2, p479-84
- PRIMATES**
Gavan, James Anderson, ed. Non-human primates and human evolution; in memory of Earnest Albert Hooton, 1887-1954. Wayne univ. press '55 incl bibliog
- Hill, William Charles Osman. Man as an animal. (Hutchinson univ. lib; Biological sciences) Rinehart '57 p 167-71
- Hofer, Helmut, and others, eds. Primatologia. Handbuch der primatenkunde. Handbook of primatology. Manuel de primatologie; 1. Systematik, phylogenie, ontogenie. Karger '56 incl bibliog
- Montagu, Ashley. Reproductive development of the female, with especial reference to the period of adolescent sterility; a study in the comparative physiology of the infecundity of the adolescent organism. Julian press '57 p205-25
- Riethe, Peter. Zur phylogenie des primatengebisses: untersuchungen über das vorkommen vierter molaren im primatenstamm. (Beiträge zur anthropologie, no3) Verlag für kunst & wissenschaft '55 p69-77
- Sanderson, Ivan Terence. Monkey kingdom; an introd. to the primates. Doubleday '57 p 189-90
- See also
Man
Monkeys
- PRIMATES, Fossil**
Gazin, Charles Lewis. Review of the middle and upper eocene primates of North America. (Smithsonian misc. colls. v 136, no 1) Smithsonian inst. '58 p 100-7
- Hofer, Helmut, and others, eds. Primatologia. Handbuch der primatenkunde. Handbook of primatology. Manuel de primatologie; 1. Systematik, phylogenie, ontogenie. Karger '56 incl bibliog
- See also
Australopithecinae
- PRIMITIVE art.** See Art, Primitive
- PRIMITIVE Christianity.** See Church history--Primitive and early church
- PRIMITIVE culture.** See Culture, Primitive
- PRIMITIVE fortification.** See Fortification, Primitive
- PRIMITIVE law.** See Law, Primitive
- PRIMITIVE man.** See Man, Prehistoric
- PRIMITIVE medicine.** See Medicine, Primitive
- PRIMITIVE music.** See Music, Primitive
- PRIMITIVE races.** See Native races
- PRIMITIVE religion.** See Religion, Primitive
- PRIMITIVE society.** See Society, Primitive
- PRINCE EDWARD island**
Government publications
Bishop, Olga Bernice. Publications of the governments of Nova Scotia. Prince Edward island, New Brunswick, 1758-1952. Nat. lib. of Canada '57 p205-6
- PRINCIPALS, School.** See School principals
- PRINTERS**
Angel, Juvenal Londoño. Careers in the field of printing. 2d ed rev & enl (Monograph no8) World trade '57 p25-6
- PRINTING**
Books about bookmaking. See occasional numbers of Publishers' weekly
British federation of master printers. 100 technical books: a suggested nucleus for a ptg. works lib. containing auth. pub. and price of each bk. with an app. in alphabetical title sequence [prepared by Albert Kirk] The federation '56 15p
- Day, Kenneth. Typography of press advertisement; a practical summary of principles and their application; with a foreword by Lord Mackintosh of Halifax. Macmillan '56 p293-300
- McGill university. Montreal. Library. William Colgate printing collection. Catalogue of the books, pamphlets, drawings. The library '56 25p
- Mills, George Jackson. Guide to films, periodicals, and books in printing, paper, publishing, printed advertising, and their closely related industries. School of ptg. management, Carnegie inst. of technology '56 64p
- See also
Book industries and trade
Books
Music printing
Printing, Practical
Textile printing
- History
Baker, Elizabeth (Faulkner). Printers and technology; a history of the Int. printing pressmen and assistants' union. Columbia univ. press '57 p523-8
- Carter, Thomas Francis. Invention of printing in China and its spread westward; 2d rev. ed. by L. Carrington Goodrich. Ronald '55 p255-78
- Johnson, Elmer Douglas. Communication; a concise introd. to the history of the alphabet, writing, printing, bks, and libraries. Scarecrow '55 incl bibliog
- Medina, José Toribio. Historia de la imprenta en los antiguos dominios españoles de América y Oceanía; prólogo de Guillermo Felid Cruz; complemento bibliog. de José Zamudio Z. Fondo histórico y bibliog. José Toribio Medina '58 p cv-cxli
- Steinberg, Sigfrid Henry. Five hundred years of printing; with a foreword by Beatrice Wade. new ed Criterion bks. '59 p276-8 annot
- Volz, Hans. Hundert jahre Wittenberger bibeldruck, 1522-1626; mit einem vorwort von K. J. Hartmann. (Arbeiten aus der Staats- und universitätsbibliothek Göttingen. Hainbschriften, new ser., v 1) Hantzschel '54 168p
- See also
Incunabula
- Societies
See also
Book clubs
- PRINTING, Practical**
Burt, Sir Cyril Lodowic. Psychological study of typography; with an introd. by Stanley Morison. Cambridge '59 p56-7
- Jackson, Hartley Everett. Printing; a practical introduction to the graphic arts; prepared for pub. by M. Ardelle Cleverdon. (McGraw-Hill pub. in industrial arts) McGraw '57 p271-6
- Karch, Robert Randolph. Graphic arts procedures. 2d ed rev Am. tech. soc. '57 incl bibliog
- Moxon, Joseph. Mechanick exercises on the whole art of printing. 1683-4; ed. by Herbert Davis & Harry Carter. Oxford '58 p442-4
- Strauss, Victor. Selected sources of information for graphic arts management. Printing industry of Am. '57 72p
- See also
Typesetting
- PRINTING clubs.** See Book clubs
- PRINTS.** See Engravings
- PRISMS**
Tarczy-Hornoch, A. über die winkelpismen der geodäsie. Acta Tech 19 no 1-2:152-3 '57
- PRISON sentences**
United prison association of Massachusetts. What's new in sentencing. (Correctional research. no7) The association '57 p26-32
- PRISONERS of war**
United States. Defense advisory committee on prisoners of war. POW, the fight continues after the battle; the rep. of the Secretary of defense's advisory com. on prisoners of war. U.S. Gov. ptg. office '55 p65-75
- PRISONS**
Costa, Auri Moura. Problemas penitenciários. Gráfica Renascença '53 p74-5
- Hovles, James Arthur. Religion in prison. Philosophical lib. '55 p 145-6
- See also
Convict labor
Parole

PRIVATE schools

England

See also

Public schools (endowed)—England

PRIVILEGES and immunities

See also

Military privileges and immunities

PRIZES (rewards) See Rewards (prizes, etc)

PROAÑO, Federico, 1848-1894

Albornoz, Víctor Manuel, Federico Proaño, galeote del destino. Nucleo del Azuay, Casa de la cultura ecuatoriana '53 p279-336

PROBABILITIES

Barker, J. S. F. Simulation of genetic systems by automatic digital computers. Australian J Biol Sci 11:612, 625 N '58

Bartlett, Maurice Stevenson. Introduction to stochastic processes; with special reference to methods and applications. Cambridge '55 p295-306

Bendat, Julius S. Principles and applications of random noise theory. Wiley '58 incl bibliog

Berkeley symposium on mathematical statistics and probability. Proceedings of the third Symposium held at the Statistical laboratory, University of California, December 1954, July and August 1955; ed. by Jerzy Neyman. Univ. of Calif. press '56 5v incl bibliog

Brunk, H. D. On the estimation of parameters restricted by inequalities. Ann Math Stat 29:453-4 Je '58

Chow, V. T. Log-probability law and its engineering applications. Am Soc Civil Eng Proc 80 no536:14-17 '54

Cramér, Harald. Elements of probability theory and some of its applications. (Wiley pubs. in statistics) Wiley '55 p265

Davenport, Wilbur B. and Root, William L. Introduction to the theory of random signals and noise. (Mass. inst. of technology, Lincoln laboratory. Pubs) McGraw '58 p383-9

Fisz, Marek. Rachunek prawdopodobieństwa i statystyka matematyczna. 2d rev & enl ed (Biblioteka matematyczna, v 18) Państwowe wydawn. naukowe '58 p512-20

Florida. University. Gainesville. Statistical laboratory. Bibliography of the Monte Carlo method and associated material, including abstracts. The laboratory '55? 73p

Florida. University. Gainesville. Statistical laboratory. Symposium on Monte Carlo methods, held at the University, conducted by the Laboratory, sponsored by Wright air development center of the Air research and development command. March 16-17, 1954; ed. by Herbert A. Meyer. (Wiley pubs. in applied statistics) Wiley '56 p283-370 annot

Kolmogorov, Andrei Nikolaevich. Foundations of the theory of probability; tr. ed. by Nathan Morrison; with an added bibliog. by A. T. Bharucha-Reid. 2d English ed Chelsea pub. '56 p73-4, 81-4

Laning, J. Halcombe, and Battin, Richard H. Random processes in automatic control. (McGraw-Hill ser. in control systems engineering) McGraw '56 p424-9

Leipnik, R. Integral equations, biorthonormal expansions and noise. Ind & Ap Math 7: 29-30 Mr '59

Loève, Michel Moise. Probability theory; foundations, random sequences. (Univ. ser. in higher mathematics) Van Nostrand '55 p495-500

Some aspects of analysis and probability. by Irving Kaplansky [and others] (Surveys in applied mathematics, 4) Wiley '58 incl bibliog

Tukey, J. W. Some examples with fiducial relevance. Ann Math Stat 28:694-5 S '57

Wald, Abraham. Selected papers in statistics and probability; ed. for the Inst. of mathematical statistics, T. W. Anderson, [and others] McGraw '55 incl bibliog

See also

Errors. Theory of

PROBATE law and practice

Trusts and probate literature. 1954-1955[-1958-1959] Trusts & Estates 94:872-7; 95:944-50; 96:915-21; 97:952-9; 98:1023-9 O '55, O '56, O '57, O '58, O '59 annot

See also

Estates (law)

PROBATION

Bibliography [on probation and parole] NPPA J 2:38 Ja '56

Newman, Charles L. ed. Sourcebook on probation, parole, and pardons. Thomas '58 p321-8

See also

Parole

PROBLEM children

Cutts, Norman Estelle, and Moseley, Nicholas. Teaching the disorderly pupil in elementary and secondary school. Longmans '57 incl bibliog

Merian, Doris. Über freches verhalten im kindesalter. (Schweizerische zeitschrift für psychologie und ihre anwendungen, Beiheft no29) Huber '56 p89-90

Richardson, H. M. and Surko, E. F. WISC scores and status in reading and arithmetic of delinquent children. J Genetic Psychol 89:260-2 D '56

Therapeutic camping for disturbed youth. J Social Issues 13 no 1:1-64 '57 incl bibliog

Weaver, Anthony. They steal for love: an experiment in education and psychiatry with children and parents. Int. univ. press '59 p 123-9 annot

PROBLEM method

Fersh, George L. ed. Problems approach and the social studies. (Curriculum ser. no9) Nat. council for the social studies '55 p 110-15

PROBLEM solving

Emm, Eloise. Factorial study of the problem solving ability of fifth grade boys. (Catholic univ. of Am. Educational research monograph, v22, no 1) Catholic univ. of Am. press '59 p56-7

Ray, W. S. Complex tasks for use in human problem-solving research. Psychol Bul 52: 148-9 Mr '55

PROCHASKA, Georg, 1749-1820

Kruta, Vladislav. Med Dr Jiří Procháska, 1749-1820; život, dílo, doba. (Československá akad. věd. Sekce biologická. Studie a prameny, no23) Nakl. Československé akad. věd '56 p228-41

PROCLUS, 410-485

Proclus. Hymni; edidit Ernestus Vogt; accedunt hymnorum fragmenta, epigrammata, scholia, fontium et locorum similitum apparatus, indices. (Klassisch-philologische studien, no 18) Harrassowitz '57 p96-100

PROCTOLOGY

Jackman, Raymond Joseph. Lesions of the lower bowel. Thomas '53 incl bibliog

Stanton, Frank D. Newer concepts in clinical proctology. The author '53 incl bibliog

Turell, Robert, ed. Diseases of the colon and anorectum. Saunders '59 2v incl bibliog

PROCUREMENT, Industrial. See Purchasing, Industrial

PRODUCE trade

United States. Business and defense services administration. Food industries division. U.S. Government statistical publications for the food industries; listing and index comp. by C. V. Danielson. The division '55 22p

PRODUCTIDAE. See Brachiopoda, Fossil

PRODUCTION

Organization for European economic cooperation. European productivity agency. Bibliography on productivity. (Project no233) The agency '56 250p annot

Sisson, R. L. Methods of sequencing in job shops; a review. Operations Res 7:27-9 Ja '59

United States. Bureau of labor statistics. Productivity: a bibliography [prepared by Laura H. Spatz] (Bul. no 1226) U.S. Gov. ptg. office '57 182p annot

See also

Industry

PRODUCTION control

Abromeit, Hans Günther. Erzeugnisplanung und produktionsprogramm im lichte der produktions- absatz- und wettbewerbspolitik; mit geleitwort von Konrad Mellerowicz. Gabler '55 p259-61

Parton, James Allan, and Steres, Chris Peter. Production control manual. Conover-Mast '55 incl bibliog

Reinfeld, Nyles V. Production control. (Nat. inst. of management ser) Prentice-Hall '59 p329-30

PRODUCTION line methods. See Assembly line methods

PRODUCTIVITY. See Production

PRODUCTS, Biological. See Biological products

PROESLER, Hans, 1888-

Wirtschaft und gesellschaft; festschrift für Hans Proesler zu seinem 65. geburtstage. Palm & Enke '53 p291-2

PROFESSION, Choice of

Angel, Juvenal Londoño. National and international employment handbook for specialized personnel; 1956 practical annual handbk. for the seeking employment here and abroad. (V5) World trade acad. press '56 p164-7

Jordaen, J. P. Choice of a vocation. Teach Educ 6:8 Mr '55

Phillips, Velma. Home economics careers for you. (Harper's home economics ser) Harper '57 p257-68

See also

Occupations

Vocational guidance

PROFESSIONAL education

National manpower council. Policy for scientific and professional manpower; a statement by the Council, with facts and issues prepared by the research staff. Columbia univ. press '53 p259-63

United States. Office of education. Education for the professions, organized and ed. by Lloyd E. Blauch. The office '55 incl bibliog

PROFESSIONAL ethics

See also

Medical ethics

PROFESSIONS

Hughes, Everett Cherrington. Men and their work. Free press '58 p 177-80

International labor office. Library. Bibliography on non-manual workers. Bibliographie sur les travailleurs non-manuels. (Bibliog. contributions, no 18) The library '59 68p

—[Annex] Bibliography on conditions of work and employment of nurses. The library '59? 16p

National manpower council. Policy for scientific and professional manpower; a statement by the Council, with facts and issues prepared by the research staff. Columbia univ. press '53 p259-63

United States. Superintendent of documents. Occupations. (Price list 33A, 10th ed) U.S. Gov. ptg. office '57 11p

See also

Aeronautics as a profession

Anthropology as a profession

Biochemists

Biology as a profession

Engineering as a profession

Forestry as a profession

Library science as a profession

Osteopathy as a profession

Physical therapy as a profession

Physics as a profession

Psychiatry as a profession

Psychology as a profession

Public health as a profession

Social scientists

Teaching as a profession

PROFESSORS. See College professors and instructors

PROFIT

Van Deventer, B. Wins en prysteorie met speciale verwysing na: die entrepreneur, sy funksies en beloning. Swets & Zeitlinger '52 p237-43

See also

Capitalism

Entrepreneur

Risk

PROFIT sharing

Flippo, Edwin B. Profit sharing in American business; a study of methods used to maintain and sustain profit-sharing plans. Bur. of business research, Ohio state univ. '55 p 179-83

Friedrichs, Hans, ed. Ergebnisbeteiligung in der praxis; eine bestandsaufnahme in Westdeutschland. (Der neue betrieb, no5) Hoppenstedt '56 n 156-64

Jehring, John James. Profit sharing; a suggested reading list for businessmen; with a comprehensive bibliography. Profit sharing research foundation '56 22p annot

Metzger, Bertram L. Extensive, indexed bibliography of American publications on profit sharing between 1940-1958; with The research needs of profit sharing, by J. J. Jehring. Profit sharing research foundation '59 40p

United States. Bureau of labor statistics. Profit-sharing plans; sel. references, Jan. 1958. The bureau '58 11p

Ven, Henricus Josephus Maria Ignatius van der. Onderneming en winstdeling. Stenfert Kroese '54 p215-21

PROGESTERONE

Melampy, R. M. and others. Progesterone content of bovine reproductive organs and blood during pregnancy. J Animal Sci 18:312-13 F '59

PROGRAMMING (mathematics)

Arrow, Kenneth Joseph, and others, eds. Studies in linear and non-linear programming; with contributions by Hollis B. Chenery [and others] (Stanford mathematical studies in the social sciences, 2) Stanford univ. press '58 incl bibliog

Bellman, Richard. Dynamic programming of continuous processes. (Rand rep. R-271) Rand corp. '54 p 139-41

Bellman, R. Mathematical aspects of scheduling theory. Ind & Ap Math 4:202-5 S '56

Bellman, R. Theory of dynamic programming. Am Math Soc Bul 60:513-15 N '54

Dennis, Jack Bonnell. Mathematical programming and electrical networks. (Technology press research monographs) Mass. inst. of technology; Wiley '59 p 181-3

Metzger, Robert W. Elementary mathematical programming. Wiley '58 p240-4

Riley, Vera, and Gass, Saul I. Linear programming and associated techniques; a comprehensive bibliog. on linear, non-linear, and dynamic programming. rev ed (Johns Hopkins univ. Operations research office. Bibliog. reference ser, no5; Programming for policy decisions, v 1) Johns Hopkins press '58 613p

See also

Linear programming

PROGRESSIVE matrices test

Burke, H. R. Raven's progressive matrices: a review and critical evaluation. J Genet Psychol 93:222-8 D '58

PROGRESSIVISM (U.S. politics)

Mowry, George Edwin. Progressive movement, 1900-1920: recent ideas and new literature. (Pub. no 10) Service center for teachers of history '58 22p

PROHIBITED books

Haight, Anne (Lyon). Banned books; informal notes on some bks. banned for various reasons at various times and in various places. 2d ed rev & enl Bowker '55 p 158-62

Kansas, University. Library. He who destroys a good booke, kills reason it self; an exhibition of bks. which have survived fire, the sword, and the censors; comp. [by] Joseph Rubinstein and Earl Farley. The library '55 27p annot

Lundevall, Kral Erik, ed. Förbudna böcker och nordisk debatt om tryckfrihet och sedlighet. Wahlström & Widstrand '58 324p

Ribadeneira, Carlos A. Gufa moral de lecturas; 50.000 obras de los principales autores del mundo juzgadas a la luz de la fe y de la moral y recopilados sintéticamente. Buena prensa '55 399p

PROHIBITION

Ostrander, Gilman M. Prohibition movement in California, 1848-1933. (Calif. Univ. Pubs. in history, v57) Univ. of Calif. press '57 p227-32

PROJECTION (psychology)

Abt, Lawrence Edwin, and Bellak, Leopold, eds. Projective psychology; clinical approaches to the total personality. Grove '59 incl bibliog

Hammer, Emanuel Frederick, ed. Clinical application of projective drawings. Thomas '58 incl bibliog

See also

Projective tests

PROJECTIVE geometry. See Geometry, Projective

PROJECTIVE methods. See Projection (psychology)

PROJECTIVE play. See Play technique

PROJECTIVE tests

- Calogeras, Roy C. Some relationships between fantasy and self-report behavior. (In Genetic psychology monographs, v58. Journal press '58 p323-5)
- Goss, A. E. and Brownell, M. H. Stimulus-response concepts and principles applied to projective test behavior. *J Personality* 25: 521-3 Je '57
- Jensen, A. R. Reliability of projective techniques: review of literature. *Acta Psychol* 16 no2:133-6 '59
- Murstein, B. L. Conceptual model of projective techniques applied to stimulus variations with thematic techniques. *J Consult Psychol* 23:13-14 F '59
- Patterson, C. H. Use of projective tests in vocational counseling. *Educ & Psychol Meas* 17:551-5 Winter '57
- Swensen, C. H. Empirical evaluations of human figure drawings. *Psychol Bul* 54:463-6 N '57

PROLOGUES and epilogues

- Porqueras Mayo, Alberto. El prólogo como género literario: su estudio en el siglo de oro español. (Inst. Miguel de Cervantes de filología hispánica. Anejos de Revista de literatura, 14) Consejo superior de investigaciones científicas '57 p 179-84

PROMETHEUS

- Séchan, Louis. Le mythe de Prométhée. (Mythes et religions, 28) Presses universitaires de France '51 p 129-32

PROPAGANDA

- Bureau of social science research, Washington, D.C. International communication and political opinion: a guide to the literature [by] Bruce Lannes Smith and Chitra M. Smith. (Rand corp. Research studies) Princeton univ. press '56 325p
- Pearson, Judson Bruce, and others. Message diffusion under uncontrolled conditions. (Univ. of Colo. studies. Ser. in sociology, no3) Univ. of Colo. press '57 p45-6
- Perusse, Roland I. Bibliography on international propaganda; an annot. list of sel. recent titles, to includes [1] pertinent aspects of int. information, int. communication and psychological warfare. The author '5-? 31p
- Stephens, Oren. Facts to a candid world; America's overseas information program. (Stanford bks. in world politics) Stanford univ. press '55 p 157-9

See also

- Brain washing
World war, 1939-1945—Propaganda

PROPAGATION of plants. *See* Plant propagation**PROPANE**

- Carr-Harris, G. G. M. Propane gas for metal cutting. (T.I.S. rep. no46) Technical information service, Nat. research council, Canada '55 12p annot

PROPELLANTS

- Bartz, D. R. Factors which influence the suitability of liquid propellants as rocket motor regenerative coolants. *Jet Propulsion* 28:52-3 Ja '58
- Carpenter, R. A. Recent advances in boron technology. *ARS J* 29:13-14 Ja '59
- Gall, J. F. Recent advances in fluorine chemistry and technology. *ARS J* 29:101-3 F '59
- Sutherland, G. S. Modern techniques in solid rocket engineering. *Aero Digest* 72:56 Ja '56
- Technical literature digest. See numbers of *ARS Journal* (formerly *Jet propulsion*)

PROPELLERS

- Hunziker, R. R. Hydrodynamic influence of the propeller on a deeply submerged submarine. *Int Ship Prog* 5:177 Ap '58
- Korvin-Kronkovsky, B. V. Stern propeller interaction with a streamline body of revolution. *Int Ship Prog* 3 no 17:24 '56
- Manen, Jan Kirk van. Invloed van de ongelijkmatigheid van het snelheidsveld op het ontwerp van scheepsschroeven; with summary in English. H. Veenman '51 p 151-2
- United States. Munitions board. Aircraft committee. Subcommittee on air force/navy-civil aircraft design criteria. Aircraft propeller handbook. (ANC-9 bul) The subcommittee '56 p389-91

PROPERTIES of matter. *See* Matter—Properties**PROPERTY**

- Frederickson, Owen Patrick. Psychology of ownership. (Catholic univ. of Am. Philosophical studies, no 153) Catholic univ. of Am. press '54 p31-40

See also

- Capital
Income
Insurance
Real property
Taxation
Wealth

PROPHECIES

- Hübscher, Arthur. Die grosse weissagung; texte, geschichte und deutung der prophezeiungen von den biblischen propheten bis auf unsere zeit. Heimeran '52 p213-38

See also

- Bible. Old Testament—Prophecies

PROPHETS

- Chary, Theophane. Les prophètes et le culte à partir de l'exil; autour du second temple, l'idéal cultuel des prophètes exiliens et postexiliens. (Bibliothèque de théologie. Ser3, Théologie biblique, v3) Desclée '55 p iv-x

- Henshaw, Thomas. Latter prophets. Macmillan '58 p326-33

- Hübscher, Arthur. Die grosse weissagung; texte, geschichte und deutung der prophezeiungen von den biblischen propheten bis auf unsere zeit. Heimeran '52 p213-38

- Roubos, K. Profetie en cultus in Israël. (Frophecy and cult in Israel) Achtergrond en betekenis van enige profetische uitspraken inzake de cultus; een exegetische studie (with summary in English) Veenman '56 p 127-30

PROPORTION (architecture). *See* Architecture —Composition, proportion, etc.**PROPORTION (art)**

- Graf, Hermann. Bibliographie zum problem der proportionen; literatur über proportionen, mass und zahl in architektur, bildender kunst und natur; teil 1, Von 1500 bis zur gegenwart. (Pfälzische arbeiten zum buch- und bibliothekswesen und zur bibliog. no3) Pfälzische landesbibliothek '58 96p

PROPORTIONAL representation

- Straetz, Ralph A. PR politics in Cincinnati: thirty-two years of city gov. through proportional representation. N.Y. univ. press '58 p303-8

PROPRIETARY medicines. *See* Medicines, Patent, proprietary, etc.**PROPYLENE oxide****Physiological effect**

- Jacobson, K. H. Toxicity of inhaled ethylene oxide and propylene oxide vapors. *AMA Archives Ind Health* 13:243-4 Mr '56
- Rowe, V. K. and others. Toxicity of propylene oxide determined on experimental animals. *AMA Archives Ind Health* 13:235-6 Mr '56

PROPYLENE

- Horn, H. J. and others. Inhalation toxicology of methylacetylene. *AMA Archives Ind Health* 15:24-6 Ja '57

PROSE literature

- University interscholastic league. Public speaking; prose and poetry bibliography; for use in the elementary school, junior and senior declamation, and poetry reading contests, and in the classroom. Bur. of public school service, Univ. of Tex. '58 16p annot

PROSPECTING

- Ballard, Thomas J. and Conklin, Quentin E. Uranium prospector's guide. Harper '55 incl bibliog
- Haun, John D. and LeRoy, Leslie Walter, eds. Subsurface geology in petroleum exploration: a symposium. Colo. school of mines '58 incl bibliog
- Kanizay, S. P. Outline of radioactive prospecting methods. *Colo Sch Mines Q* 51:79 Ja '56
- Karčev, A. A. and others. Geochemical methods of prospecting and exploration for petroleum and natural gas; English tr. ed. by Paul A. Witherspoon and William D. Romey. Univ. of Calif. press '59 incl bibliog
- Lovering, T. S. Work of the geochemical exploration section of the U.S. Geological survey. *Min Eng* 7:965 O '55

PROSPECTING—Continued

- Milmoe, J. O. Instrumentation and methods for radioactivity detection in the mineral industry. *Colo Sch Mines Q* 51:46-7 Ja '56
- Murray, A. N. Growing vegetation identifies formations. *World Oil* 141:104 J1 '55
- Niniger, Robert D. ed. Exploration for nuclear raw material. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '56 incl bibliog
- Niniger, Robert D. Minerals for atomic energy; a guide to exploration for uranium, thorium, and beryllium. 2d ed Van Nostrand '56 incl bibliog
- Warren, H. V. and Delavault, R. E. Geochemistry and prospecting. *Can Min & Met Bul* 52:58-9 Ja '59
- Webb, J. S. Review of American progress in geochemical prospecting, and recommendations for future British work in this field. *Inst Min & Met Trans* 62:345-8 '52-'53
- See also*
 Mine examination
 Mine valuation
 Petroleum—Prospecting

Geophysical methods

- Anstey, N. A. Modern technique in seismic reflection recording. *Geophys Prosp* 5:66-8 Mr '57
- Dreimanis, A. Tracing ore boulders as a prospecting method in Canada. *Can Min & Met Bul* 51:79-80 F '58
- Geophysical abstracts. U.S. Geological survey. See numbers
- Lasfargues, Pierre. Prospection électrique par courants continus; carte de potentiel, résistance, polarisation spontanée, polarisation induite. (Manuels de prospection géophysique) Masson '57 p231-3
- Parr, J. O. and Mayne, W. H. New method of pattern shooting. *Geophysics* 20:561-4 J1 '55

PROSTHESES

- Gehl, Daniel H. and Dresen, O. M. Complete denture prosthesis; formerly by Rudolph O. Schlosser. 4th ed Saunders '58 incl bibliog
- Nagle, Raymond, and others. Dental prosthetics; complete dentures. Mosby '58 incl bibliog
- New York university. College of engineering. Research division. Functional and psychological suitability of an experimental hydraulic prosthesis for above-the-knee amputees. (Rep. no 115.15) Prosthetic devices study '53 incl bibliog

See also

- Artificial limbs
 Teeth, Artificial

PROSTHETICS. See Prosthesis**PROTECTION. See Free trade and protection****PROTECTIVE coatings**

- Burnett, G. E. and Selander, C. E. Plastic linings and coatings for steel water pipe. *Am Water Works Assn J* 50:1075 Ag '58
- Heinrich, Friedrich Joseph. Bituminöse anstrichstoffe; v3. Der aufbau bituminöser anstriche & überzüge und seine physikalischen & chemischen Grundlagen. rev ed Fachliteratur-ermittlungs- & berichtsdiens für industrie & forschung '54 p41-60

- Seymour, Raymond Benedict. Hot organic coatings. Reinhold '59 incl bibliog

See also

- Paper coatings

PROTECTIVE clothing. See Clothing, Protective**PROTECTORATES***See also*

- International trusteeships

PROTEINS

- Alcarez-Bayan, A. and Leverton, R. M. Composition of dilis fish flour. *Philippine J Sci* 86:257-8 S '57
- Anderson, R. F. and Jackson, R. W. Essential amino acids in microbial proteins. *Ap Microbiol* 6:373 S '58
- Anfinsen, Christian B. Molecular basis of evolution. Wiley '59 incl bibliog
- Armstrong, D. G. and Mitchell, H. H. Protein nutrition and the utilization of dietary protein at different levels of intake by growing swine. *J Animal Sci* 14:66-8 F '55

- Bahr, G. F. Changes in liver cell elements during stimulated protein synthesis; a cytochemical study. (Sup 147) *Acta radiologica* '57 p 100-11
- Beacom, S. E. Chlorotetracycline and protein level in rats for market hogs. *Can J Animal Sci* 39:77-8, 82-3 Je '59
- Biology colloquium, Oregon state college. Proteins; 17th annual biology colloquium, Friday and Saturday, Apr. 6-7, 1956; ed. by Tsao E. King, Ore. state chapter of the Phi Kappa Phi '56 incl bibliog
- Block, Richard Joseph. Amino acid handbook; methods and results of protein analysis; with the cooperation of Kathryn W. Weiss; with contributions by Herman J. Almqvist [and others] Thomas '56 p 179-245
- Bohman, V. R. and others. Effect of animal fat and protein supplements on range beef cattle. *J Animal Sci* 18:576-7 My '59
- Burchfield, H. P. and Storrs, E. E. Chemical structures and dissociation constants of amino acids, peptides, and proteins in relation to their reaction rates with 2,4-dichloro-6-(o-chloroanilino)-s-triazine. Boyce Thompson Inst Contrib 18:417-18 O '56
- Camp, A. A. and others. Response to diethylstilbestrol injections of growing chicks fed various protein levels. *Poultry Sci* 36:177-8 Ja '57
- Food and agriculture organization of the United nations. Human protein requirements and their fulfillment in practice; proceedings of a conference in Princeton, U.S. (1955) sponsored jointly by the Food and agriculture organization of the United nations (FAO) World health organization (WHO) [and] Josiah Macy jr foundation, N.Y.; ed. by J. C. Waterlow and Joan M. L. Stephen. The organization '57 incl bibliog
- Food and agriculture organization of the United nations. Protein malnutrition; proceedings of a conference in Jamaica (1953) sponsored jointly by the Food and agriculture organization of the United nations (F.A.O.) World health organization (W.H.O.) Josiah Macy jr foundation, N.Y.; ed. by J. C. Waterlow. Cambridge '55 incl bibliog
- Fox, E. N. and Krampitz, L. O. Studies on the biosynthesis of the M-protein of group A hemolytic streptococci. *J Bact* 71:461 Ap '56
- Fox, Sidney Walter, and Foster, Joseph Franklin. Introduction to protein chemistry. Wiley '57 incl bibliog
- Fox, S. W. and Homeyer, P. G. Statistical evaluation of the kinship of protein molecules. *Am Natur* 89:167-8 My '55
- Fraser, R. C. Acceleration of frog metamorphosis with iodinated proteins. *J Exp Zool* 133:534-6
- Gander, J. E. and Schultze, M. O. Concerning the alleged occurrence of an animal protein factor required for the survival of young rats. *J Nutrition* 55:556-7, 574-5 Ap '55
- Goldsworthy, P. D. and Volwiler, W. Comparative metabolic fate of chemically (¹⁵N) and biosynthetically (¹⁴C OR ³S) labeled proteins. *N Y Acad Sci Ann* 70 no 1:46-8 '57
- Harris, R. S. and Burress, D. A. Effect of level of protein feeding upon nutritional value of lysine-fortified bread flour. *J Nutrition* 67:566-7 Ap '59
- Hartsook, E. W. and Mitchell, H. H. Effect of age on the protein and methionine requirements of the rat. *J Nutrition* 60:193-5 O '56
- Lee, N. D. Studies on insulin labeled with I¹³¹. *N Y Acad Sci Ann* 70 no 1:106-8 '57
- Maruyama, K. Contractile protein from crayfish tail muscle. *Biol Bul* 114:104-5 F '58
- Nasset, E. S. Comparison of amino acid mixtures and egg protein as sources of dietary nitrogen. *J Nutrition* 61:568-9 Ap '57
- Neter, E. and others. Effects of protamine and histone on enterobacterial lipopolysaccharides and hemolysis. *Can J Microbiol* 4:382-3 Ap '58
- Ross, M. L. and Pike, R. L. Relationship of vitamin B₆ to protein metabolism during pregnancy in the rat. *J Nutrition* 58:266-8 F '56

PROTEINS—Continued

- Schreiber, M. and Elvehjem, C. A. Water restriction in nutrition studies. *J Nutrition* 57:144-5 S '55
- Sharp, G. S. and others. Studies of protein absorption using nitrogen¹⁵ as a tag. *J Nutrition* 58:455-7 Ap '56
- Sheffner, A. L. and others. Measurement of the net utilization of heat-processed proteins by means of the pepsin digest-residue (PDR) amino acid index. *J Nutrition* 60: 515-16 D '56
- Sheffner, A. L. and others. Pepsin-digest-residue (PDR) amino acid index of net protein utilization. *J Nutrition* 60:119-20 S '56
- Sheng, P. K. and Tsao, T. C. Comparative study of nucleotropomyosins from different sources. *Scientia Sinica* 4:173-5 Mr '55
- Sheng, P. K. and others. Electrophoretic behaviour of nucleotropomyosins. *Scientia Sinica* 5:687-9 D '56
- Shirley, R. L. and others. Effect of dietary protein level on several oxidative enzymes of the heart, muscle and liver of cattle. *J Nutrition* 67:165-6 Ja '59
- Smith, A. K. Isolation and utilization of vegetable proteins. *Econ Bot* 8:310-15 O '54
- Südhof, Heinrich, and Kellner, Hellmut. Physiologie und klinische bedeutung kohlehydrathaltiger körpertstoffe (mit und ohne eiweissanteil). (Bibliotheca paediatrica, no65) Karger '57 p93-104
- Yoshida, A. and others. Effects of protein per calorie ratio and dietary level of fat on calorie and protein utilization. *J Nutrition* 63:568-70 D '57
- Zimmermann, Gideon. Die wirkung der hitzebehandlung auf den nährwert des eiweisses in nahrungs- und futtermitteln; ein beitrage zur bestimmung der biologischen wertigkeit der stickstoffhaltigen substanz in der nahrung mit vergleichenden ausföhrungen über die oxydationslage, welche sich nach verabreichung eines eiweissträgers im stoffwechsel ausgewachsener ratten ergibt. Juris-verlag '52 p223-49

See also

- Amino acids
Blood—Proteins
Casein
Collagen
Lysine
Milk—Protein content
Mucins
Plants—Protein content
Tryptophan

PROTESTANT churches

See also

- Lutheran church

Missions

- Beaver, R. P. Five years of literature of Protestant missions. *Church Hist* 25:366-71 D '56

Japan

- Thomas, Winburn T. Protestant beginnings in Japan, the first three decades, 1859-1889. Tuttle '59 p241-7

Kansas

- Lindquist, Emory. Protestant church in Kansas: an annot. bibliography. (Univ. studies, 35) Univ. of Wichita '56 28p annot

United States

- Handy, R. T. Survey of recent literature: American church history. *Church Hist* 27: 161-5 Je '58

PROTESTANT Episcopal church in Pennsylvania

- Barnes, C. Rankin. Ethelbert Talbot, 1848-1928; missionary bishop, diocesan bishop, presiding bishop. (Pub. no41) Church historical soc. '55 p50-1

PROTESTANT Episcopal church in the United States of America

- Dawley, Powell Mills. Episcopal church and its work. (Church's teaching v6) Seabury '55 p291-302 annot

- Loveland, Clara O. Critical years; the reconstitution of the Anglican church in the United States of America, 1780-1789. Seabury '56 p294-306

- Sonne, N. H. Bibliographical materials on the Episcopal church. *Relig in Life* 25: 442-51 Summer '56

Book of common prayer

- Page, James Rathwell. Descriptive catalogue of the Book of common prayer and related material in the collection of James R. Page. The author '55 67p

PROTESTANT reformation. See Reformation

PROTESTANTISM

- Green, Robert W. ed. Protestantism and capitalism; the Weber thesis and its critics. (Problems in European civilization) Heath '59 p 115-16 annot
- Miller, Robert Moats. American Protestantism and social issues, 1919-1939. Univ. of N.C. press '58 p351-70
- Nicolas, M. J. Chronique de théologie protestante et oecuménique. *R Thomiste* 56:715-40 O '56
- Walty, J. N. Bulletin de théologie protestante. *R Sci & Théol* 39:711-44; 42:349-70 O '55, Ap '58
- Whale, John Seldon. Protestant tradition; an essay in interpretation. Cambridge '55 p345-7
- Wilburn, Ralph Glenn. Prophetic voice in Protestant Christianity. (Bethany historical ser) Christian bd. '56 p281-8

See also

- Evangelicalism
Protestant churches
Reformation

History

- Léonard, E. G. Histoire du protestantisme (1939-1952) *R Hist* 210:307-40; 211:41-71; 212: 279-326; 216:67-104; 217:58-98, 290-333 O '53, Ja, O '54, J1 '56, Ja-Ap '57

PROTHROMBIN

- Wenckert, Anders. Activation of prothrombin; investigation of the mode of human brain thromboplastin and of Russell viper venom; tr. by L. James Brown. (Sup 198) Acta chirurgica Scandinavica '55 p37-9

PROTONS

See also

- Electrons

PROTOPLASM

- Lou, C. H. and others. Intercellular movement of protoplasm as a means of translocation of organic material in garlic. *Scientia Sinica* 6:156-7 F '57

See also

- Cytoplasm

PROTOPLASTS

- Lederberg, J. and St Clair, J. Protoplasts and L-type growth of escherichia coli. *J Bact* 75:158-60 F '58

PROTOZOA

- Allen, S. L. and Nanney, D. L. Analysis of nuclear differentiation in the selfers of tetrahymena. *Am Natur* 92:159-60 My '58
- Gabel, J. R. Morphology and taxonomy of the intestinal protozoa of the American woodchuck, marmota monax Linnaeus. *J Morphol* 94:537-40 My '54
- Grell, Karl G. Protozoologie. Springer '56 p270-9
- Jakowska, S. and Nigrelli, R. F. Babesiosoma gen. nov. and other babesioids in erythrocytes of cold-blooded vertebrates. *N Y Acad Sci Ann* 64 no2:125-7 '56
- Laird, M. and Lari, F. A. Avian blood parasite babesia moshkovskii (Schurenkova, 1938), with a record from corvus splendens Viellot in Pakistan. *Can J Zool* 35:794-5 D '57
- McDonald, B. B. Quantitative aspects of deoxyribose nucleic acid (DNA) metabolism in an amiconucleate strain of tetrahymena. *Biol Bul* 114:93-4 F '58
- Nanney, D. L. Caryonidal inheritance and nuclear differentiation. *Am Natur* 90:306-7 S '56
- Neitz, W. O. Theileriosis, gonderioses and cytauxzoonoses. Onderstepoort *J Vet Res* 27:275-430 D '57 incl bibliog
- Palmer, C. M. and Ingram, W. M. Suggested classification of algae and protozoa in sanitary science. *Sewage & Ind Wastes* 27:1188 O '55
- Protozoologie; celostátní vysokoškolská učebnice O. Jirovec [et al] Nakl. Československé akad. věd '53 p585-617
- Weisz, P. B. Morphogenesis in protozoa. *Q R Biol* 29:226-9 S '54

See also

- Ciliata
Coccidia
Dinoflagellata

PROTOZOA—Continued

Flagellata
Foraminifera
Infusoria
Metabolism (protozoa)
Myxomycetes
Paramecium
Protozoology
Rhizopoda
Spirochetes
Tetrahymena
Trichomonas

PROUDHON, Pierre-Joseph, 1809-1865

Heintz, Peter. Die autoritätsproblematik bei Proudhon: versuch einer immanenten kritik. (Beiträge zur soziologie und sozialphilosophie, v7) Verlag für politik & wirtschaft '56 p217-22
Woodcock, George. Pierre-Joseph Proudhon; a biography. Macmillan '56 p281-5

PROUST, Marcel, 1871-1922

Autret, Jean. L'influence de Ruskin sur la vie, les idées et l'œuvre de Marcel Proust. Droz '55 p 168-78
Brée, Germaine. Marcel Proust and deliverance from time; tr. from the French by C. J. Richards and A. D. Truitt. Rutgers univ. press '55 p243-4
Czoniczar, Elizabeth. Quelques antécédents de A. la recherche du temps perdu: tendances qui peuvent avoir contribué à la cristallisation du roman proustien. Droz '57 p 197-210
Donzé, Roland André. Le comique dans l'œuvre de Marcel Proust. Attinger '55 p 171-9
Louria, Yvette. La convergence stylistique chez Proust. Droz '57 p95-7
Miller, Milton L. Nostalgia; a psychoanalytic study of Marcel Proust. Houghton '56 p295-9
Strauss, Walter A. Proust and literature; the novelist as critic. Harvard univ. press '57 p229-38

PROVENÇAL language

Dialects
Dictionaries

Dubois, R. and Lorient, R. Complément à la bibliographie des dictionnaires patois de M. W. von Wartburg. (In Dubois, Raymond. Le domaine picard, délimitation et carte systématique dressée pour servir à l'inventaire général du picard et autres travaux de géographie linguistique. Archives du Pas-de-Calais '57 p 159-67)
Wartburg, Walther von. Bibliographie des dictionnaires patois. (Soc. de pubs. romanes et françaises. Pubs. 8) Droz '34 146p
—Supplément, publié par Hans-Erich Keller avec la collaboration de Jean Renson. (Soc. de pubs. romanes et françaises. Pubs. 52) Droz '55 56p

PROVENÇAL poetry

History and criticism

Lommatsch, Erhard. Leben und lieder der provenzalischen troubadours, in auswahl dargeboten; v 1. Minnelieder. Akademie-verlag '57 p55-69

PROVENCE, Marcel, pseud. See Jouhandeau, M.

PROVERBS

Moll, Otto Ernst Eugen. Sprichwörter-bibliographie. Klostermann '58 630p

PROVERBS, German

Borchardt, Wilhelm, and others. Die sprichwörtlichen redensarten im deutschen volksmund nach sinn und ursprung; 7th ed. rev. by Alfred Schirmer. Brockhaus '54 p531-8

PROVERBS, Spanish

Gutiérrez Ballesteros, José María. Paremiología flamenca; con una extensa introd. histórico-bibliográfica sobre los refranes glosados en España, siglos XV-XX. The author '57 198p

PROXIES

Broehl, Wayne G. Proxy battle; challenge to management-stockholder relations. Amos Tuck school of business adm, Dartmouth college '55 p 19

PRUSSIA

Foreign relations
Catholic church

Hanus, Francis. Die preussische Vatikan-gesandtschaft, 1747-1920. (Die geschichte der Vatikanbotschaften und -gesandtschaften, 2) Pohl '54 p419-31

Politics and government

Reppen, Konrad. Märzbewegung und mai-wahlen des revolutionsjahres 1848 im Rheinland. (Bonner historische forschungen, v4) Rohrscheid '55 p355-68

PRZYWARA, Erich, 1889-

Copers, G. De analogieeler van Erich Przywara. (Vlaamsche acad. vor wetenschappen, letteren en kunsten van België, Brussels. Klasse der letteren. Verhandeligen, no 16) Palais der acad. '52 p249-50

PSEUDONYMS. See Anonyms and pseudonyms

PSEUDOSCORPIONS

Hoff, Clarence Clayton. Ecology and distribution of the pseudoscorpions of north-central New Mexico. (N.Mex. Univ. Pubs. in biology, no8) Univ. of N.Mex. press '59 p65-8 annot

PSITTACOSIS

Andrews, J. M. Importance of psittacosis in the United States. Am Vet Med Assn J 130:115-16 F 1 '57
Beaudette, Fred Robert, ed. Progress in psittacosis research and control; with a foreword by Richard E. Shope. Rutgers univ. press '58 incl bibliog
Beaudette, Fred Robert, ed. Psittacosis: diagnosis, epidemiology, and control. Rutgers univ. press '55 incl bibliog

PSOCIDAE. See Psocids

PSOCIDS

Mockford, E. L. Review of the psocids, or book-lice and bark-lice, of Texas (psocoptera) Wash Acad Sci J 46:367-8 N '56

PSYCHIATRIC education

Group for the advancement of psychiatry. Committee on medical education. Trends and issues in psychiatric residency programs. (Rep. no31) The committee '55 p 16-17

PSYCHIATRIC hospitals. See Hospitals, Psychiatric

PSYCHIATRIC nurses and nursing. See Nurses and nursing, Psychiatric

PSYCHIATRIC personnel

Albee, George W. Mental health manpower trends. (Joint comm. on mental illness and health. Monograph ser, no3) Basic bks. '59 p344-51

PSYCHIATRIC research

American psychiatric association. Research in affects; papers presented at the regional research conference held under the joint auspices of the Association and the State univ. of New York, Upstate medical center, Syracuse, N.Y. Apr. 5-6, 1957. (Psychiatric research reps, 8) The association '57 incl bibliog

American psychiatric association. Research in psychiatry with special reference to drug therapy; papers presented at the regional research conference held under the joint auspices of the Association and the medical schools and affiliated hospitals of Philadelphia, Pa. Nov. 16-17, 1956. (Psychiatric research reps, 9) The association '58 incl bibliog

Mental health research fund. Conference, Oxford 1952. Prospects in psychiatric research; the proceedings of the Conference, March 1952; ed. by J. M. Tanner. Blackwell scientific pubs. '53 p 182-7

PSYCHIATRIC social work. See Social work, Psychiatric

PSYCHIATRISTS

Holt, Robert R. and others. Personality patterns of psychiatrists; a study of methods for selecting residents. (Menninger clinic monograph, no 13) Basic bks. '58 2v v 1. p365-76

PSYCHIATRY

Aldrich, Clarence Knight. Psychiatry for the family physician. McGraw '55 p254-63

Appel, K. E. and Scheffen, A. E. Current concepts of psychiatry in relation to hospital treatment. Neuropsychiatry 3:107-9 Fall '55

Arieti, S. Some basic problems common to anthropology and modern psychiatry. Am Anthropol 58:38-9 F '56

Association for research in nervous and mental disease. Neurologic and psychiatric aspects of the disorders of aging; proceedings of the Association, Dec. 9 and 10, 1955, New York. (Research pubs, v35) Williams & Wilkins '56 incl bibliog

PSYCHIATRY—Continued

Bennett, Abram Elting, and others. Practice of psychiatry in general hospitals. Univ. of Calif. press '56 incl bibliog

Bleuler, Manfred. Endokrinologische psychiatrie; mit einem beitrage von R. Hess. Thieme '54 p381-461

Diethelm, Oskar. Treatment in psychiatry. 3d ed Thomas '55 incl bibliog

Eulner, H. H. and Glatzel, W. Psychiatrie an der Universität Halle. Halle Univ Wiss Z Math Naturw Reihe 7:215-17 Ap '58

Ewalt, Jack Richard and others. Practical clinical psychiatry. 8th ed McGraw '57 p407-41

Gantt, William Andrew Horsley, ed. Physiological bases of psychiatry. (Am. lecture ser, pub. no323) Thomas '58 incl bibliog

Hoch, Paul H. and Zubin, Joseph, eds. Psychopathology of communication. (Am. psychopathological assn. Proceedings of the annual meeting, 46th, 1956) Grune '58 incl bibliog

Jung, Carl Gustav. Collected works; eds: Sir Herbert Read [and others] v 1, Psychiatric studies; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '57 p225-35

Lewis, Nolan Don Carpenter, and others, eds. Studies in topectomy. Grune '56 incl bibliog

Lieberman, Samuel, ed. Management of emotional problems in medical practice. Lippincott '56 incl bibliog

Masor, Nathan. New psychiatry. Philosophical lib. '59 p 149-52

Menninger, Karl Augustus. Guide to psychiatric books, with some suggested reading lists. 2d rev ed (Menninger clinic monograph ser, no7) Grune '56 157p

Mental health book review index. The index. See numbers

Ross, William Donald. Practical psychiatry for industrial physicians; foreword by Robert A. Kehoe; pref. by Maurice Levine. Thomas '56 incl bibliog

Stevenson, George Salvatore. Mental health planning for social action. McGraw '56 incl bibliog

Strecker, Edward Adam, and others. Practical clinical psychiatry; 8th ed. [by] Jack R. Ewalt [and others] McGraw '57 p407-41

Ulett, George Andrew, and Goodrich, Donald Wells. Synopsis of contemporary psychiatry. Mosby '56 incl bibliog

Wikler, Abraham. Relation of psychiatry to pharmacology. Williams & Wilkins '57 p271-310

See also

Anthropology and psychiatry
Child psychiatry
Clinical psychology
Psychology, Pathological
Social psychiatry

Periodicals

Linda Hall library, Kansas City, Missouri. Holdings list of the periodicals and serials in the fields of psychology and psychiatry which are received currently. (Bul. no6) The library '56 9p

Research

See Psychiatric research

PSYCHIATRY, Forensic

Denmark. Kommissionen til overvejelse af spørgsmål vedrørende de retspsykiatriske undersøgelser i straffesager. Betænkning om de retspsykiatriske undersøgelser i straffesager. (Betænkning no 149) The commission '56 p 163-4

PSYCHIATRY, Military

Ahrenfeldt, Robert H. Psychiatry in the British army in the second World war; foreword by Eli Ginzberg. Columbia univ. press '58 p286-302

Mandelbaum, D. G. Psychiatry in military society. Human Organ 13:15 Fall '54

United States. National library of medicine. References on military psychiatry, 1947-1952 [-1952-1955]; comp. by Charles Roos. The library '53-'56 2v

PSYCHIATRY and anthropology. See Anthropology and psychiatry

PSYCHIATRY and religion. See Religion and psychiatry

PSYCHIATRY as a profession

Albee, G. W. and Dickey, M. Manpower trends in three mental health professions. Am Psychologist 12:69-70 F '57

PSYCHICAL research

Edsall, Florence S. World of psychic phenomena. McKay '58 p225-33

Miller, Richard DeWitt. You do take it with you [an adventure into the vaster reality] Citadel '55 p232-6

Omez, Réginald. Psychical phenomena; tr. from the French by Renée Haynes. (Twentieth cent. encyclopedia of Catholicism v36. Sec3: The nature of man) Hawthorn bks. '58 p 142-4

Rhine, Joseph Banks, and Pratt, Joseph Gaither. Parapsychology, frontier science of the mind; a survey of the field, the methods, and the facts of ESP and PK research. Thomas '57 incl bibliog

Steinour, Harold Heiges. Exploring the unseen world. Citadel '59 p244-50

Zorab, George. Bibliography of parapsychology. Parapsychology foundation '57 127p

See also

Spiritualism

PSYCHOANALYSIS

Abramson, Harold Alexander. Patient speaks; mother story verbatim in psychoanalysis of allergic illness. Vantage '56 p238-9

Academy of psychoanalysis. Science and psychoanalysis; ed. by Jules H. Masserman; v 1, Integrative studies. Grune '58 incl bibliog

Alexander, Franz. Psychoanalysis and psychotherapy; developments in theory, technique and training. Norton '56 p283-92

Annual survey of psychoanalysis, 1952[-1954] a comprehensive survey of current psychoanalytic theory and practice. (V3-5) Int. univ. press '56-'59 3v v3, p638-9, 643-52; v4, p731-42; v5, p572-84

Bohm, Ewald Bernhard. Lehrbuch der Rorschach-psychodiagnostik für psychologen, ärzte und pädagogen. 2d rev & enl ed Huber '57 p411-18

Brenner, Charles. Elementary textbook of psychoanalysis. Int. univ. press '55 p211-14

Colby, Kenneth Mark. Energy and structure in psychoanalysis. Ronald '55 p 147-9

Deutsch, Felix, ed. Psychosomatic concept in psychoanalysis; with contributions by Bernard Bandler [and others] (Boston psychoanalytic soc. and inst. Monograph ser, no 1) Int. univ. press '53 incl bibliog

Feigl, Herbert, and Scriven, Michael, eds. Foundations of science and the concepts of psychology and psychoanalysis. (Minn. Univ. Minn. studies in the philosophy of science, v 1) Univ. of Minn. press '56 incl bibliog

Ferenczi, Sándor. Final contributions to the problems & methods of psychoanalysis; ed. by Michael Balint; tr. by Eric Mosbacher [and others] introd. by Clara Thompson. (Basic classics in psychiatry; Sel. papers, v3) Basic bks. '55 p377-86

Fliess, Robert. Erogenicity and libido; addenda to the theory of the psychosexual development of the human. (His Psychoanalytic ser, v 1) Int. univ. press '57 p297-304

French, Thomas Morton. Integration of behavior; v3. The reintegrative process in a psychoanalytic treatment. Univ. of Chicago press '58 p473-5

Garma, Angel. Peptic ulcer and psychoanalysis. (Nervous and mental disease monographs, no85) Williams & Wilkins '58 p 138-43

Garma, Angel. Psicoanálisis de los sueños. 3d enl ed (Biblioteca de psicoanálisis) Editorial Nova '56 p471-525

Gill, M. Present state of psychoanalytic theory. J Abnorm & Social Psychol 58:8 Ja '59

Grinstein, Alexander. Index of psychoanalytic writings. Int. univ. press '56-'60 5v

Grotjahn, Martin. Beyond laughter. McGraw '57 p265-80

Hartmann, Heinz. Ego psychology and the problem of adaptation; tr. by David Rapaport. (Am. psychoanalytic assn. Journal, Monograph ser, no 1) Int. univ. press '58 p 109-14

PSYCHOANALYSIS—*Continued*

- Hendrick, Ives. Facts and theories of psychoanalysis. 3d ed rev Knopf '58 p358-64 annot
- Hoffman, Frederick John. Freudianism and the literary mind. 2d ed La. state univ. press '57 p331-41
- Klein, Melanie. Envy and gratitude; a study of unconscious sources. Basic bks. '57 p92-4
- Klein, Melanie, and others, eds. New directions in psycho-analysis; the significance of infant conflict in the pattern of adult behaviour; with a pref. by Ernest Jones. Basic bks. '56 incl bibliog
- Menninger, Karl Augustus. Theory of psychoanalytic technique. (Menninger clinic monograph ser, no 12) Basic bks. '58 p 181-9
- Mental health book review index. The index. See numbers
- Munroe, Ruth Learned. Schools of psychoanalytic thought; an exposition, critique, and attempt at integration. (Dryden press pubs. in interpersonal relations) Dryden '55 p649-52
- New York university institute of philosophy, 2d, 1958. Psychoanalysis, scientific method, and philosophy; a symposium, ed. by Sidney Hook. N.Y. univ. press '59 incl bibliog
- Nunberg, Herman. Principles of psychoanalysis; their application to the neuroses; foreword by Sigmund Freud; tr. by Madlyn Kahr and Sidney Kahr. Int. univ. press '55 p361-9
- Nuttin, Jozef. Psychanalyse et conception spiritualiste de l'homme. 2d ed rev & enl (Studia psychologica) Pubs. univ. de Louvain '55 p325-48
- Psychoanalysis and the social sciences. (V5) Int. univ. press '58 incl bibliog
- Psychoanalytic study of the child, 1955[-1959] (V 10-14) Int. univ. press '55-'59 5v incl bibliog
- Psychological abstracts. Am. psychological assn. See numbers
- Referatenheft. See numbers of Psyche
- Rickman, John. Selected contributions to psycho-analysis; comp. by W. Clifford M. Scott; with an introd. memoir by Sylvia M. Payne. (Basic classics in psychiatry) Basic bks. '57 p358-83
- Schafer, Roy. Psychoanalytic interpretation in Rorschach testing: theory and application (Austen Riggs foundation. Monograph ser, no3) Grune '54 p432-8
- Sievers, Wieder David. Freud on Broadway; a history of psychoanalysis and the Am. drama. Hermitage '55 p455-61
- Singer, J. L. Delayed gratification and ego development: implications for clinical and experimental research. J Consult Psychol 19:265-6 Ag '55
- Thompson, Clara Mabel. Psychoanalysis: evolution and development with the collaboration of Patrick Mullahy. (Evergreen bks, E-67) Grove '57 p244-8
- Thompson, Clara Mable, and others, eds. Outline of psychoanalysis. rev ed (Modern lib. of the world's best books, 66) Modern lib. '55 incl bibliog
- Winnicott, Donald Woods. Collected papers; through paediatrics to psycho-analysis. Basic bks. '58 p322-5

See also

Hypnotism
Narcoanalysis
Psychology
Psychology, Individual
Subconsciousness

PSYCHODYNAMICS

Lund, F. H. Biodynamics vs. Freudian psychodynamics. Education 78:54 S '57

PSYCHOLOGICAL fiction

Friedman, Melvin J. Stream of consciousness; a study in literary method. Yale univ. press '55 p263-8

PSYCHOLOGICAL measurement. See Psychometry

PSYCHOLOGICAL research

Rouke, F. L. Psychological research on problems of testimony. J Social Issues 13 no2: 58-9 '57

Underwood, Benton J. Psychological research. (Cent. psychology ser) Appleton '57 incl bibliog

PSYCHOLOGICAL tests

- Campbell, D. T. Convergent and discriminant validation by the multitrait-multimethod matrix. Psychol Bul 56:104-5 Mr '59
- Cronbach, L. J. and Meehl, P. E. Construct validity in psychological tests. Psychol Bul 52:300-2 J1 '55
- Educational and psychological testing; reviews the literature for the three-year period since Feb. 1953[-Feb. 1956] R Educ Res 26:1-109; 29:1-131 F '56, F '59
- Fiske, D. W. and Rice, L. Intra-individual response variability. Psychol Bul 52:243-50 My '55
- Jessor, R. and Hammond, K. R. Construct validity and the Taylor anxiety scale. Psychol Bul 54:169-70 My '57
- Morrow, R. S. and Mark, J. C. Correlation of intelligence and neurological findings on twenty-two patients autopsied for brain damage. J Consult Psychol 19:289 Ag '55
- Princeton university. Industrial relations section. Psychological tests in executive selection. (Sel. references, no85) The section '59 4p annot
- Titus, H. E. and Hollander, E. P. California F Scale in psychological research: 1950-1955. Psychol Bul 54:62-4 Ja '57
- Yates, A. J. Validity of some psychological tests of brain damage. Psychol Bul 51:377-9 J1 '54
- Zubin, J. and Windle, C. Psychological prognosis of outcome in the mental disorders. J Abnorm & Social Psychol 49:279-81 Ap '54

See also

Attitude tests
Intelligence tests
Personality tests
Thematic apperception test

PSYCHOLOGY

- Analyses bibliographiques. See numbers of Année psychologique
- Bibliografia. See numbers of Arquivos brasileiros de psicotécnica
- Bibliographie der deutschen hochschulschriften im bereiche der pädagogik und psychologie, 1950-1953. Pädagogik 11 no4:317-20; no7:557-60; no8:634-40; no 11:901-4 '56
- Broudy, Harry S. and Freil, Eugene Lawrence. Psychology for general education. Longmans '56 incl bibliog
- Bruehl, Charles P. and Campbell, William E. Psychology; the study of man's normal mental life. Villanova press '57 p385-7
- Brunswick, E. In defense of probabilistic functionalism: a reply. Psychol R 62:241-2 My '55
- Brunswick, E. Representative design and probabilistic theory in a functional psychology. Psychol R 62:216-17 My '55
- Cohen, John. Humanistic psychology. Macmillan '58 incl bibliog
- Contributions to modern psychology; sel. readings in general psychology [by] Don E. Dulany [and others] Oxford '53 incl bibliog
- Copenhagen. Statens pædagogiske studiesamling. Katalog over litteratur om børne- og ungdomspsykologi; psykologi i almindelighed, personligheds- og karaktertests, pædagogisk psykologi med standpunktsprøver, psykologisk-pædagogisk statistik. 4th ed Schultz bogtr. '54 107p
- Cronbach, L. J. Two disciplines of scientific psychology. Am Psychologist 12:683-4 N '57
- Crow, Lester Donald, and Crow, Alice. Outline of general psychology. Littlefield '58 p x-xi
- Crow, Lester Donald, and Crow, Alice. Understanding our behavior; the psychology of personal and social adjustment. Knopf '56 p334-47
- Daniel, Robert S. ed. Contemporary readings in general psychology. Houghton '59 incl bibliog annot
- Feigl, Herbert, and Scriven, Michael, eds. Foundations of science and the concepts of psychology and psychoanalysis. (Minn. Univ. Minn. studies in the philosophy of science, v 1) Univ. of Minn. press '56 incl bibliog

PSYCHOLOGY—Continued

- Frankfurt am Main. Hochschule für internationale pädagogische forschung. Bibliothek. Psychologie; fackatalog, unter besonderer berücksichtigung der entwicklungspsychologie und der angewandten psychologie; stand: 1. Apr. 1954. The library '54 165p
- Gagne, Robert Mills, and Fleishman, Edwin Alan. Psychology and human performance; an intro. to psychology. Holt '59 incl bibliog annot
- Goss, A. E. Vicarious trial and error and related behavior. Psychol Bul 53:52-4 Ja '56
- Halmos, Paul, and Iliffe, Alan, eds. Readings in general psychology. Philosophical lib. '59 p232-44
- Harper, Robert Stevens. Introductory psychology. Allyn '58 p375-83
- Hartstein, Jacob Isaac, and others. Guide to general psychology. 4th rev ed Associated college presses '57 p25-60 annot
- Harvard university. Harvard list of books in psychology; comp. and annot. by the psychologists in Harvard university. Harvard univ. press '55 84p
- Supplementary list, July 1, 1956. Harvard univ. press '58 15p
- Hilgard, Ernest Ropiequet. Introduction to psychology. 2d ed Harcourt '57 p601-33
- Jersild, Arthur Thomas. When teachers face themselves. (Horace Mann-Lincoln inst. of school experimentation. Pub.) Teachers college '55 p 139-41
- Jung, Carl Gustav. Collected works; eds: Sir Herbert Read [and others] v 1. Psychiatric studies; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '57 p225-35
- Karn, Harry Wendell, and Weitz, Joseph. Introduction to psychology. (Wiley pub. in psychology) Wiley '55 incl bibliog annot
- Kimble, Gregory A. Principles of general psychology. Ronald '56 incl bibliog
- Kobre, Sidney, and Parks, Juanita. Psychology and the news. Bur. of media research & services, School of journalism, Fla. state univ. '55 p 170-4
- Krech, David, and Crutchfield, Richard S. Elements of psychology. (Knopf pub. in psychology. Core ser) Knopf '58 incl bibliog annot
- Lafitte, Paul. Person in psychology: reality or abstraction. Philosophical lib. '57 p227-30
- Lazzeroni, V. and Marzi, A. Psychology in Italy from 1945-1957. Acta Psychol 14 no 1: 74-80 '58
- Mandler, George, and Kessen, William. Language of psychology. Wiley '59 p283-9
- Mental health book review index. The index. See numbers
- Metzger, Wolfgang. Psychologie, die entwicklung ihrer grundannahmen seit der einföhrung des experimenten. 2d rev ed (Wissenschaftliche forschungsberichte. Naturwissenschaftliche ser, v52) Steinkopff '54 p338-68
- Morgan, Clifford Thomas, and others. Introduction to psychology. McGraw '56 incl bibliog
- Munn, Norman Leslie. Evolution and growth of human behavior; a rev. of Psychological development. Houghton '55 incl bibliog
- Munn, Norman Leslie. Psychology: the fundamentals of human adjustment. 3d ed Houghton '56 p507-30
- Phillips, Ewing Lakin, and Gibson, James F. Psychology and personality. Prentice-Hall '57 incl bibliog
- Pressey, Sidney Leavitt, and Kuhlen, Raymond G. Psychological development through the life span; under the editorship of Gardner Murphy. Harper '57 incl bibliog
- Progoff, Ira. Death and rebirth of psychology; an integrative evaluation of Freud, Adler, Jung and Rank and the impact of their culminating insights on modern man. Julian press '56 p267-75
- Psychological abstracts. Am. psychological assn. See numbers
- Referate über die neuerscheinungen der psychologischen literatur Deutschlands, Österreichs und der Schweiz. See numbers of Psychologische rundschau
- Ringness, Thomas A. and others. Psychology in theory and practice. Houghton '59 incl bibliog
- Roback, Abraham Aaron, ed. Present-day psychology; an original survey of departments, branches, methods, and phases, incl. clinical and dynamic psychology; ed. with the collaboration of 40 experts in the various fields. Philosophical lib. '55 incl bibliog
- Rohracher, H. Scientific work at the Psychological department of the University of Vienna. Acta Psychol 13 no3:197-218 '57
- Ruch, Floyd Leon. Psychology and life. 5th ed Scott '58 p566-89
- Ruja, Harry. Psychology for life. McGraw '55 p379-403
- Salman, D. H. Bulletin de psychologie. R Sci Philos & Théol 39:620-86; 40:472-524; 41:634-750 O '55, J1 '56. O '57
- Sartain, Aaron Quinn, and others. Psychology; understanding human behavior. McGraw '58 incl bibliog
- Sato, K. and Graham, C. H. Psychology in Japan. Psychol Bul 51:458-64 S '54
- Scandinavian bibliography. See numbers of Theoria
- Seward, Georgene Janet (Hoffman) and Seward, John Perry, eds. Current psychological issues; essays in honor of Robert S. Woodworth [contributors: Robert B. Ammons and others] Holt '58 incl bibliog
- Sheehy, Sister Mary Maurice, and Harmon, Francis Leland Harmon. Psychology for nurses. Bruce pub. '58 incl bibliog
- Simon, Brian, ed. Psychology in the Soviet Union; papers by B. G. Ananiev [and others] tr. by J. & M. Ellis [and others] Stanford univ. press '57 p296-300
- Société philosophique de Louvain. Répertoire bibliographique de la philosophie; pub. sous les auspices de l'Inst. int. de philosophie, avec le patronage de l'UNESCO. The society. See numbers
- Thorpe, Louis Peter, and Cruze, Wendell Wayne. Developmental psychology. Ronald '56 incl bibliog
- Voutsinas, Dimitri. Dix années de psychologie française (1947-1956) recueil des articles de psychologie parus dans les revues françaises. Groupe d'études de psychologie. Univ. de Paris '58? 118p
- Supplément. Groupe d'études de psychologie. Univ. de Paris '58 88p
- Weisgerber, C. A. 100 basic books in psychology. Cath Lib World 29:470-5 My '58 annot
- Werner, Heinz. Comparative psychology of mental development; with a foreword by Gordon W. Allport. rev ed Int. univ. press '57 p507-55
- Wickens, Delos Donald, and Meyer, Donald R. Psychology. Dryden '55 incl bibliog
- See also
- Adjustment (psychology)
- After images
- Art—Psychology
- Attention
- Attitudes
- Behavior (psychology)
- Brain
- Character
- Child psychology
- Choice (psychology)
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- Difference (psychology)
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- Genius
- Gestalt (psychology)
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 Persuasion (psychology)
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 Psychoanalysis
 Reading, Psychology of
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 Recall (psychology)
 Retention (psychology)
 Senses and sensation
 Similarity (psychology)
 Social psychology
 Suggestion
 Temperament
 Tension (psychology)
 Thought and thinking
 Threshold (psychology)
 Value (psychology)
 Variability (psychology)

Fiction

Porterfield, Austin Larimore. *Mirror, mirror; on seeing yourself in books*. Leo Potishman foundation '57 p 169-272 annot

Methodology

- Brunswik, Egon. Perception and the representative design of psychological experiments. 2d ed rev & enl Univ. of Calif. press '56 p 147-54
- Campbell, D. T. Factors relevant to the validity of experiments in social settings. *Psychol Bul* 54:311-12 J1 '57
- Luski, Margaret Elizabeth (Butler) Barron. Interdisciplinary team research methods and problems. (Nat. training laboratories. Research training ser, no3) N.Y. univ. press '58 p305-41 annot
- McQuitty, L. L. Isolating predictor patterns associated with major criterion patterns. *Educ & Psychol Meas* 17:40-2 Spring '57
- Meissner, W. W. Nonconstructual aspects of psychological constructs. *Psychol R* 65:149-50 My '58
- Newbury, E. Significance of assumptive and philosophic operations in psychological methodology. *J Gen Psychol* 59:198-9 O '58

Periodicals

- Dwyer, Catherine F. Periodicals in education, psychology, and related subjects in Melbourne libraries; a list; 2d issue, amendments and corrections. Australian council for educational research lib. '54 30p
- Linda Hall library, Kansas City, Missouri. Holdings list of the periodicals and serials in the fields of psychology and psychiatry which are received currently. (Bul. no6) The library '56 9p

Research

See Psychological research

Study and teaching

- Conference on the problems arising from the teaching of personality development to students of education and social work, Keele, 1958. Problems arising from the teaching of personality development. (Sociological review. Monograph no 1) Univ. college of Staffordshire '58 p 133-8
- Engle, T. L. and Bunch, M. E. Teaching of psychology in high school. *Am Psychologist* 11:192-3 Ap '56

Terminology

- Verplanck, W. S. Glossary of some terms used in the objective science of behavior. *Psychol R* 64 sup:42 N '57
- PSYCHOLOGY, Abnormal.** See Psychology, Pathological
- PSYCHOLOGY, Applied**
 Burt, Harold Ernest. *Applied psychology*. 2d ed Prentice-Hall '57 incl bibliog

- Garrett, Eileen Jeanette (Lyttle). *Life is the healer*. Dorrance '57 p270-2
- Harrell, Thomas Willard. *International psychology*. rev ed (Rinehart bks, in applied psychology) Rinehart '58 p361-84
- Hepner, Harry Walker. *Psychology applied to life and work*. 3d ed Prentice-Hall '57 incl bibliog
- Maier, Norman Raymond Frederick. *Psychology in industry; a psychological approach to industrial problems* [under the editorship of Leonard Carmichael] 2d ed Houghton '55 p635-64
- Rodger, A. *Effective use of manpower*. *Advancement Sci* 12:249 S '55
- Smith, Henry Clay. *Psychology of industrial behavior*. McGraw '55 p441-60
- Steckle, Lynde Charles. *Problems of human adjustment*; rev ed. under the editorship of Gardner Murphy. Harper '57 incl bibliog
- Tratado de psicología aplicada; dirigido por Henri Piéron. Kapelusz '52-'55 2v incl bibliog
- Yates, Dorothy Maud (Hazeltime). *Psychology you can use*. Crowell '57 p245-8

See also

Aeronautics—Psychology
 Childbirth—Psychology
 Counseling
 Human engineering
 Psychology, Industrial

PSYCHOLOGY, Clerical. See Psychology, Pastoral

PSYCHOLOGY, Clinical. See Clinical psychology

PSYCHOLOGY, Comparative
 Conference on group processes. Group processes; transactions of the 1st-2d, 4th Conference, 1954-1955, 1957 Macy '55-'59 3v incl bibliog

Count, E. W. Biological basis of human sociality. *Am Anthropol* 60:1083-5 D '58

Dembowski, Jan. *Psychologie der affen*; übers. aus dem polnischen von Caesar Rymarowicz und Wolfgang Grycz. Akademie-verlag '56 p253-6

Hediger, Heini. *Studies of the psychology and behaviour of captive animals in zoos and circuses*; tr. by Geoffrey Sircom. Criterion '56 p 155-9

Holt Hansen, K. After-effects in the behaviour of mice [tr. from Danish by E. R. Tottel] Munksgaard '56 p382-93

King, J. A. Parameters relevant to determining the effect of early experience upon the adult behavior of animals. *Psychol Bul* 55: 56-8 Ja '58

Levine, S. and others. Effects of early shock and handling on later avoidance learning. *J Personality* 24:492-3 Je '56

Tyler, Leona Elizabeth. *Psychology of human differences*. 2d ed (Century psychology ser) Appleton '56 p509-45

See also

Animal intelligence
 Animal sociology
 Hoarding instinct (comparative psychology)
 Instinct

PSYCHOLOGY, Criminal. See Criminal psychology

PSYCHOLOGY, Educational. See Educational psychology

PSYCHOLOGY, Ethnic. See Ethnopsychology

PSYCHOLOGY, Experimental. See Psychology, Physiological

PSYCHOLOGY, Forensic
 Rouke, F. L. Psychological research on problems of testimony. *J Social Issues* 13 no2: 58-9 '57

PSYCHOLOGY, Genetic. See Genetic psychology

PSYCHOLOGY, Individual

Adler, Alfred. *Individual psychology of Alfred Adler*; a systematic presentation in sels. from his writings; ed. and annot. by Heinz L. Ansbacher and Rowena R. Ansbacher. Basic bks. '56 p471-7

Neufeld, I. Application of individual-psychological concepts in psychosomatic medicine. *Am J Individ Psychol* 11 no2:114-69 '55

PSYCHOLOGY, Industrial

Blum, Milton L. Industrial psychology and its social foundations. rev ed Harper '56 incl bibliog

Friedmann, Georges. Industrial society; the emergence of the human problems of automation (*Problèmes humains du machinisme industriel*) ed. and with an introd. by Harold L. Sheppard. Free press '55 incl bibliog

Haire, M. Psychological problems relevant to business and industry. *Psychol Bul* 56:191-4 My '59

Hebert, Charles Alexandre. Selected reading list on human relations in management, prepared for the fourth Utility management workshop [and] the sixth Industrial research conference, Columbia university, 1955. Dept. of industrial management engineering, School of engineering, Columbia univ. '55 30p

Kuylaars, A. M. Werk en leven van de industriële loonarbeider; als object van een sociale ondernemingspolitiek; met een voorwoord van Fred L. Polak. H. E. Stenfort Kroese '51 p221-37

Leavitt, Harold J. Managerial psychology; an intro. to individuals, pairs, and groups in organizations. Univ. of Chicago press '58 p320-7

Ling, Thomas Mortimer, ed. Mental health and human relations in industry; with a foreword by Lord Horder. Lewis '54 incl bibliog

Mahoney, G. M. Unidimensional scales for the measurement of morale in an industrial situation. *Human relations* 9 no 1:24-6 '56

Veil, C. Medical and psychological aspects of modern industry. *Int Labour R* 75:18-20 Ja '57

Wirdenius, Hans. Supervisors at work: description and supervisor behavior; development of a time-sampling observation method. (PA council rep. no20) Swedish council for personnel adm. '58 p323-8

PSYCHOLOGY, Legal. See Psychology, Forensic

PSYCHOLOGY, Medical. See Psychology, Pathological

PSYCHOLOGY, Military

Psychological services, Incorporated. Bibliography on military leadership; annots. of sel. studies from scientific, technical, and related publications. (Technical research rep. no 18) U.S. Human resources research inst. '53 90p

PSYCHOLOGY, Pastoral

Belgum, David. Clinical training for pastoral care. Westminster press '56 p 135-6

Jackson, Edgar Newman. How to preach to people's need. Abingdon '56 p 183-7 annot

Reichert, Herbert F. This holy estate; a handbook on premarital counseling. Christian education press '59 p53-5

Simoneaux, Henry J. Spiritual guidance and the varieties of character. Pageant press '56 p241-8

PSYCHOLOGY, Pathological

Albert, R. S. and others. Psychopathic personality: a content analysis of the concept. *J Gen Psychol* 60:25-8 Ja '59

Burdock, E. I. and others. Personality and psychopathology. *J Abnormal & Social Psychol* 56:29-30 Ja '58

Burton, Arthur, and Harris, Robert E. eds. Clinical studies of personality. (Case histories in clinical and abnormal psychology, v2) Harper '55 incl bibliog

Feldman, Sander S. Mannerisms of speech and gestures in everyday life. *Int. univs. press* '59 p293-301

Gantt, William Andrew Horsley, ed. Physiological bases of psychiatry. (Am. lecture ser. pub. no323) Thomas '58 incl bibliog

Hutt, Max L. and Gibby, Robert Gwyn. Patterns of abnormal behavior. Allyn '57 incl bibliog

Kaplan, Oscar J. ed. Mental disorders in later life. 2d ed Stanford univ. press '56 incl bibliog

Karpman, B. Criminal psychodynamics: a platform. *Archives Crim Psychodyn* 1:96-100 Winter '55

Manning, A. E. Bodgie; a study in abnormal psychology. Heinman '58 incl bibliog

Maughs, S. B. Psychopathic personality; review of the literature 1947-54. *Archives Crim Psychodyn* 1:322-5 Spring '55

O'Kelly, Lawrence I. Introduction to psychopathology; 2d ed. [by the auth. and] Frederick A. Muckler. Prentice-Hall '55 incl bibliog annot

Petrilowitsch, N. Beiträge zu einer strukturalpsychopathologie. (*Bibliotheca psychiatrica et neurologica*, no 102) Karger '58 incl bibliog

Referate über die neuerscheinungen der psychologischen literatur Deutschlands, Österreichs und der Schweiz. See numbers of *Psychologische rundschau*

Sarason, Seymour Bernard. Psychological problems in mental deficiency; pt2 by [the auth] and Thomas Gladwin. 3d ed Harper '59 p653-66

Sorensen, William H. comp. Ecological distribution of mental disorders, a bibliography. Ill. Dept. of public welfare, '54 4p

White, Robert W. Abnormal personality. 2d ed Ronald '56 incl bibliog annot

See also

Aphasia

Clinical psychology

Hysteria

Insanity

Manic depressive psychoses

Mental diseases

Mental illness

Nervous system—Diseases

Neuroses

Personality, Disorders of

Psychiatry

Psychoanalysis

Schizophrenia

Sexual perversion

PSYCHOLOGY, Physiological

Canguilhem, Georges. La formation du concept de réflexe aux XVII^e et XVIII^e siècles (*Bibliothèque de philosophie contemporaine. Logique et philosophie des sciences*) Presses universitaires de France '55 p 193-201

Chauchard, Paul. Les mécanismes cérébraux de la prise de conscience; neurophysiologie, psychanalyse et psychologie animale. Masson '56 p235-8

Current trends in the description and analysis of behavior [by] Robert Glaser [and others] (Current trends in psychology ser) Pittsburgh univ. press '58 incl bibliog

Eiff, August Wilhelm von. Grundumsatz und psyche. Springer '57 p 120-9

Ellingson, R. J. Brain waves and problems of psychology. *Psychol Bul* 53:26-34 Ja '56

Farrel, Brian Anthony, ed. Experimental psychology; a ser. of broadcast talks on recent research, by A. J. Watson [and others] Philosophical lib. '55 incl bibliog

Fisher, Seymour, and Cleveland, Sidney E. Body image and personality. (Univ. ser. in psychology) Van Nostrand '58 p391-408

Funkenstein, Daniel H. and others. Mastery of stress. Harvard univ. press '57 p315-22

Gantt, William Andrew Horsley, ed. Physiological bases of psychiatry. (Am. lecture ser. pub. no323) Thomas '58 incl bibliog

Grant, D. A. and Patel, A. S. Effect of an electric shock stimulus upon the conceptual behavior of anxious and non-anxious subjects. *J Gen Psychol* 57:255-6 O '57

Herrick, Charles Judson. Evolution of human nature. Univ. of Tex. press '56 p467-88

Malmö, R. B. Experimental approach to symptom mechanisms in psychiatric patients. (In *American psychiatric association. Stress. Experimental psychology. Child psychiatry*; papers presented at the regional research conference held under the joint auspices of the Association and McGill univ. Faculty of medicine, Dept. of psychiatry, Montreal, Quebec, Canada, Nov. 18-19, 1955. (Psychiatric research reps. 7) The association '57 p48-9

Orbach, J. Functions of striate cortex and the problem of mass action. *Psychol Bul* 56:289-92 J1 '59

Overton, Richard K. Thought and action: a physiological approach. (Studies in psychology, PP 18) Random house '59 p 112-16

Petrilowitsch, N. Beiträge zu einer strukturalpsychopathologie. (*Bibliotheca psychiatrica et neurologica*, no 102) Karger '58 incl bibliog

Samuels, I. Reticular mechanisms and behavior. *Psychol Bul* 56:21-5 Ja '59

PSYCHOLOGY, Physiological—Continued

- Shepard, R. N. Stimulus and response generalization. *J Exp Psychol* 55:522-3 Je '58
- Symposium on interdisciplinary research, University of Wisconsin, 1955. Biological and biochemical bases of behavior; ed. by Harry F. Harlow and Clinton N. Woolsey. Univ. of Wis. press '58 incl bibliog
- Tinker, Miles Albert. Introduction to methods in experimental psychology; 3d ed. by [the auth] and Wallace A. Russell. (Cent. psychological ser) Appleton '58 incl bibliog
- United States. Naval medical research laboratory, New London, Connecticut. Cumulative bibliography of research reports and publications originating in [the] Laboratory, 1942-1950; comp. by Jessie W. Kohl. The laboratory '51 lv

Wenger, Marion Augustus. Physiological psychology. Holt '56 p435-48

Zeigler, H. P. Electrical stimulation of the brain and the psycho-physiology of learning. *Psychol Bul* 54:378-82 S '57

See also

- Brain—Localization of functions
- Brain potentials
- Color sense
- Dreams
- Emotions
- Hypnotism
- Kinesthesia
- Left- and right-handedness
- Memory
- Movement. Psychology of
- Nervous system
- Pain
- Reaction time
- Senses and sensation
- Space perception
- Stimulus and response
- Time perception

PSYCHOLOGY, Racial. See Ethnopsychology

PSYCHOLOGY, Religious

- Anger, Ray. How to unshackle your power. Dodd '57 p 145-8
- Argyle, Michael. Religious behavior. Free press '59 p 179-90
- Biddle, William Earl. Integration of religion and psychiatry. Macmillan '55 p 163-5
- Hostie, Raymond. Religion and the psychology of Jung; tr. by G. R. Lamb. Sheed '57 p224-44
- Jacobi, Jolande. Complex, archetype, symbol in the psychology of C. G. Jung; tr. from the German by Ralph Manheim. (Bollingen ser, 57) Pantheon bks. '59 p205-11
- Johnson, Paul Emanuel. Personality and religion. Abingdon '57 p285-9
- Johnson, Paul Emanuel. Psychology of religion. rev & enl ed Abingdon '59 p293-7
- Jung, Carl Gustav. Collected works [eds: Sir Herbert Read and others] v9, pt 1, The archetype and the collective unconscious; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '59 p393-404
- Jung, Carl Gustav. Collected works [eds: Sir Herbert Read and others] v9, pt2, Aion, researches into the phenomenology of the self; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '59 p273-300
- Jung, Carl Gustav. Collected works [eds: Sir Herbert Read and others] v 11, Psychology and religion: West and East; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '58 p609-40
- Noveck, Simon, ed. Judaism and psychiatry; two approaches to the personal problems and needs of modern man. Basic bks. '56 p 193-7
- Same. Nat. acad. for adult Jewish studies, United synagogue of Am. '56 p 193-7
- Oates, Wayne Edward. Religious dimensions of personality. Assn. press '57 p306-17
- Strunk, Orlo, ed. Readings in the psychology of religion. Abingdon '59 p275-82

See also

- Psychology, Pastoral
- Religion and geography

PSYCHOLOGY, Social. See Social psychology

PSYCHOLOGY, Structural. See Gestalt (psychology)

PSYCHOLOGY as a profession

- Albee, G. W. and Dickey, M. Manpower trends in three mental health professions. *Am Psychologist* 12:69-70 F '57

PSYCHOLOGY in literature

- Kiell, Norman. Adolescent through fiction; a psychological approach. Int. univ. press '59 p307-26
- Super, Donald E. Opportunities in psychology. Vocational guidance manuals '55 p94-5

PSYCHOLOGY of eating. See Eating, Psychology of

PSYCHOLOGY of learning. See Learning, Psychology of

PSYCHOMETRY

- Abelson, Robert P. Spectral analysis and the study of individual differences in the performance of routine, repetitive tasks. Educational testing service '53 3p at end
- Anderson, Charles Campbell. Function fluctuation. (British journal of psychology. Monograph sups, no30) Cambridge '58 p95-101
- Cattell, Raymond Bernard. Personality and motivation structure and measurement. World bk. '57 p903-32
- Cattell, R. B. Chief invariant psychological and psycho-physical functional unities found by P-technique. *J Clin Psychol* 11:342-3 O '55
- Cronbach, Lee Joseph, and Gleser, Goldine C. Psychological tests and personnel decisions. Univ. of Ill. press '57 p 162-5
- Edwards, Allen Louis. Techniques of attitude scale construction. (Century psychology ser) Appleton '57 incl bibliog
- Torgerson, Warren S. Theory and methods of scaling. Wiley '58 p429-51

PSYCHONEUROSES. See Neuroses

PSYCHOPATHOLOGY. See Psychology, Pathological

PSYCHOPHARMACOLOGY. See Drugs—Psychological effects

PSYCHOSES

- Pauleikhoff, Bernhard. Atypische psychosen. (Bibliotheca psychiatrica et neurologica, no99) Karger '57 p 136-41

Symposium on chemical concepts of psychosis. Proceedings of the Symposium held at the 2d International congress of psychiatry in Zurich, Switzerland, September 1 to 7, 1957; ed. by Max Rinkel with Herman C. B. Denber. McDowell, Obolensky '58 incl bibliog

PSYCHOSOMATIC medicine. See Medicine, Psychosomatic

PSYCHOSURGERY. See Brain—Surgery

PSYCHOTHERAPY

- Alexander, Franz. Psychoanalysis and psychotherapy; developments in theory, technique, and training. Norton '56 p283-92
- Alexander, Leo. Objective approaches to treatment in psychiatry. (Am. lecture ser. pub. no327) Thomas '58 p 113-26
- American association for the advancement of science. Section on medical sciences. Psychopharmacology; a symposium organized by the Sec. and the Am. psychiatric assn. and presented at the Berkeley meeting, Dec. 30, 1954; ed. by Nathan S. Kline; foreword by Winfred Overholser. (Pub. no42) The association '56 incl bibliog
- Apfelbaum, Bernard. Dimensions of transference in psychotherapy. (Calif. Univ. Pubs. Personality assessment and research, 2) Univ. of Calif. press '58 p89-90
- Auld, F. and Murray, E. J. Content-analysis studies of psychotherapy. *Psychol Bul* 52: 392-5 S '55
- Balser, Benjamin Harris, ed. Psychotherapy of the adolescent. Int. univ. press '57 p259-62
- Devereux, George. Therapeutic education; its theoretical bases and practice. (Exploration ser. in education) Harper '56 p409-24
- Diethelm, Oskar. Treatment in psychiatry. 3d ed Thomas '55 incl bibliog
- Ekstein, Rudolf, and Wallerstein, Robert S. Teaching and learning of psychotherapy. Basic bks. '58 p314-28
- Eliasberg, Wladimir. Psychotherapy and society; psychotherapy for the many and the few. Philosophical lib. '59 p204-16
- Ellis, A. New approaches to psychotherapy techniques. *J Clin Psychol* 11:251-60 JI '55
- Gordon, Hirsch Loeb, ed. New chemotherapy in mental illness; the history, pharmacology and clinical experiences with rauwolfia, phenothiazine, azacyclonol, mephenesin, hydroxyzine and benactyzine preparations. Philosophical lib. '58 p757-62

PSYCHOTHERAPY—Continued

- Great physiodynamic therapies in psychiatry; an historical reappraisal; eds: Arthur M. Sackler [and others] Hoeber '56 incl bibliog
- Hiler, E. W. Analysis of patient-therapist compatibility. *J Consult Psychol* 22:346-7 O '58
- Jackson, Edgar Newman. Understanding grief; its roots, dynamics, and treatment. Abingdon '57 p243-7
- Kirtner, W. L. and Cartwright, D. S. Success and failure in client-centered therapy as a function of client personality variables. *J Consult Psychol* 22:264 Ag '58
- Krout, Maurice Haim, ed. Psychology, psychiatry, and the public interest. Univ. of Minn. press '56 p203-6
- Levitt, E. B. Results of psychotherapy with children: an evaluation. *J Consult Psychol* 21:195-6 Je '57
- Linn, Louis. Handbook of hospital psychiatry; a practical guide to therapy. Int. univ. press '55 incl bibliog annot
- McCary, James L. and others, eds. Six approaches to psychotherapy. Dryden '55 incl bibliog
- Mahl, G. F. Disturbances and silences in the patient's speech in psychotherapy. *J Abnorm & Soc Psychol* 53:14-15 Jl '56
- Mering, Otto von, and King, Stanley Hall. Remotivating the mental patient. Russell Sage '57 p201-7
- Patterson, Charles Henry. Counseling and psychotherapy: theory and practice; under the editorship of Gardner Murphy. Harper '59 incl bibliog
- Phillips, Ewing Lakin. Psychotherapy; a modern theory and practice. (Prentice-Hall psychology ser) Prentice-Hall '56 p311-23
- Progress in psychotherapy. 1956f-1959l (V 1-4) Grune '56-'59 4v incl bibliog
- Rosen, Elizabeth. Dance in psychotherapy. (Studies in education) Teachers college '57 p 156-60
- Rosenthal, D. and Frank, J. D. Psychotherapy and the placebo effect. *Psychol Bul* 53: 300-2 Jl '56
- Seward, Georgene Hoffman. Psychotherapy and culture conflict; with case studies by Judd Marmor. Ronald '56 incl bibliog
- Symonds, Percival Mallon. Dynamics of psychotherapy; the psychology of personality change. Grune '56 p 175-200
- Wolff, Werner, ed. Contemporary psychotherapists examine themselves; an evaluation of facts and values based upon guided interviews with forty-three representatives of various schools. (Am. lecture ser, pub. no264) Thomas '56 p277-83
- Wolpe, Joseph. Psychotherapy by reciprocal inhibition. Stanford univ. press '58 p221-31
- See also*
- Christian science
- Faith cure
- Play technique
- Psychology, Pastoral

Group work

- American association of group workers. Group work in the psychiatric setting; proceedings of an inst. conducted by the Association, June 27-July 2, 1955, Waveland, Ind.; Harleigh B. Trecker, editor. White-side '56 incl bibliog
- Barentsen, Abraham Cornelis. Bijdrage tot de kennis der techniek der groepspsychotherapie voor volwassenen; een klinisch-psychiatrische studie. Pompe '52 p 130-2
- Corsini, Raymond J. Methods of group psychotherapy. McGraw '57 p219-35
- Corsini, R. J. and Putzey, L. J. Bibliography of group psychotherapy, 1906-1956. *Group Therapy* 9:178-249 N '56
- Corsini, R. J. and Rosenberg, B. Mechanisms of group psychotherapy: processes and dynamics. *J Abnorm & Social Psychol* 51: 409-11 N '55
- Driver, Helen Irene, and others. Counseling and learning through small-group discussion. Monona pubs. '58 p431-55
- Slavson, Samuel Richard, ed. Fields of group psychotherapy. Int. univ. press '56 p326-7
- Wilmer, Harry Aron. Social psychiatry in action; a therapeutic community; foreword by Francis J. Braceland; pref. by Bartholomew W. Hogan. Thomas '58 p293-323

PSYCHOTIC art. See Art and mental illness

PSYLLIDAE. See Plant lice

PTERIDINE

Ciba foundation. Ciba foundation symposium on chemistry and biology of pteridines; eds. G. E. W. Wolstenholme and Margaret P. Cameron. Little '54 incl bibliog

PTERIDOPHYTES

Cutter, E. G. and Wardlaw, C. B. Experimental and analytical studies of pteridophytes. *Ann Bot* 20:163-4, 373; 21:118-19, 370-1, 437; 23:396 Ja-Apr '56, Ja, Jl '57, Jl '59

See also

Ferns

PTERIDOSPERMS

Stewart, W. N. and Delevoryas, T. Medullosan pteridosperms. *Bot R* 22:78-80 Ja '56

PTERINS

Ziegler-Günder, I. Pterine: pigmente und wirkstoffe im tierreich. Cambridge Philos Soc Biol R 31:342-7 Ag '56

PUBERTY

See also

Menstruation

PUBLIC administration. See Administration, Public

PUBLIC debts. See Debts, Public

PUBLIC finance. See Finance

PUBLIC forums. See Forums (discussion and debate)

PUBLIC health

Boek, Walter Erwin, and Boek, Jean K. Society and health; forewords by Herman E. Hilleboe and Marion W. Sheahan. Putnam '56 p290-2

Florida municipal and sanitary engineering conference. Industrial expansion; its impact on man and his environment; proceedings of the 10th Conference, March 19 and 20, 1957. (Engineering progress at the Univ. of Fla. v 11, no8; Bul. ser. no91) Fla. engineering & industrial experiment station '57 p34, 42, 55

Foster, George McClelland. Problems in intercultural health programs; memorandum to the Com. on preventive medicine and social science research. (Pamphlet 12) Social science research council '58 p46-9

Health yearbook, 1955[1957] (V 10-12) Stanford univ. press '56-'58 3v

Hopkins, Edward Scott, and Schulze, Wilmer Henry. Practice of sanitation. 3d ed Williams & Wilkins '58 incl bibliog

James, G. and Greenberg, M. Medical officer's bookshelf on epidemiology and evaluation. *Am J Pub Health* 47:401-13 Ap '57 annot

Lamm, Abraham P. Resúmenes de los artículos publicados en la Revista chilena de higiene y medicina preventiva desde 1937 hasta 1953 inclusive, volúmenes I al XV. Santiago de Chile. Biblioteca central del servicio nacional de salud '57 79p

Lemkau, Paul Victor. Mental hygiene in public health. 2d ed (McGraw-Hill ser. in health science) McGraw '55 incl bibliog

Literaturberichte über wasser, abwasser, luft und boden. Fischer. See numbers

Maddux, J. F. Consultation in public health. *Am J Pub Health* 45:1429-30 N '55

Mountain, Joseph Walter. Selected papers. Joseph W. Mountain memorial com. '56 p339-50

Mustard, Harry Stoll. Introduction to public health; 4th ed [by the auth] and Ernest L. Stebbins. Macmillan '59 incl bibliog

Paul, Benjamin David, and Miller, Walter B. eds. Health, culture, and community; case studies of public reactions to health programs. Russell Sage '55 incl bibliog annot

Pretoria. State library. Public health and safety; a sel. list of U.S. Gov. publications. (Smithsonian bibliog. no41) The library '53 13p

Public health engineering abstracts. U.S. Public health service. See numbers

Recent books in medicine, nursing, public health and allied sciences. Published semi-annually in New York (city). Public library. Municipal reference library. Municipal reference library notes

PUBLIC health—Continued.

- Rosen, G. and Wellin, E. Bookshelf on the social sciences and public health. *Am J Public Health* 49:441-54 Ap '59
- Rosenau, Milton Joseph. Preventive medicine and public health [ed. by] Kenneth F. Maxcy, with 27 contributing authors. 8th ed Appleton '56 incl bibliog
- Selected public health bibliography with annotations. See numbers of American journal of public health
- Simmons, Ozzie G. Social status and public health; memorandum to the Com. on preventive medicine and social science research. (Pamphlet 13) Social science research council '58 p32-4
- Technical publications. See numbers of Public health reports
- United States. Communicable disease center, Atlanta. Training branch. Housing and health; a bibliog. coll. of appropriate annots, abstracts, and comments in the area of housing health relationships, with particular attention given to the preventable diseases. (U.S. Public health service. Public health bibliog. ser. no29) The center '59 27p
- The center '58 27p
- Walke, Nelson Sumter, and others. Good health; for you, your family, and your community. (McGraw-Hill ser. in health education) McGraw '55 incl bibliog
- Wilson, E. and others. Public health aspects of food poisoning. *J Milk & Food Tech* 20: 70-1 Mr '57

See also

- Air pollution
- Communicable diseases
- Epidemics
- Food adulteration and inspection
- Food handling
- Health education
- Hospitals
- Housing
- Hygiene, Industrial
- Immunity
- Insects as carriers of disease
- Medical service
- Medicine, Preventive
- Nurses and nursing
- Nurses and nursing, Public health
- Recreation
- Refuse and refuse disposal
- Sanitary engineering
- Sanitation
- School hygiene
- Sewage disposal
- Smoke prevention
- Social medicine
- Water pollution
- Water supply

History

- Faust, E. C. History of human parasitic infections. *Pub Health Rep* 70:964-5 O '55
- Rosen, George. History of public health; foreword by Félix Martí-Ibáñez. (MD monographs on medical history, no 1) MD pubs. '58 p496-506

International aspects

- Hanlon, J. J. Bookshelf on international health. *Am J Pub Health* 48:413-24 Ap '58

Canada

- Lougheed, William, associates. Underwriting Canadian health; an economic view of welfare programs. Canadian chamber of commerce; Canadian life insurance officers assn. '57 p 162-5

Central America

- Elton, N. W. Yellow fever in Central America: the imminent threat to Mexico and the United States. *Am J Pub Health* 46:1264-5 O '56

Cuba

- Jolliffe, N. and others. Nutrition status survey of the sixth grade school population of Cuba. *J Nutrition* 64:396-8 Mr '58

Hawaiian Islands

- Kartman, L. and Loneragan, R. P. Observations on rats in an enzootic plague region of Hawaii. *Pub Health Rep* 70:593 Je '55

Scotland

- Brotherston, John Howie Flint. Observations on the early public health movement in Scotland. (London school of hygiene and tropical medicine. Memoir no8) Lewis '52 p 106-9

United States

- Municipal year book, 1956[1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p306-8; 1957, p310-12; 1958, p303-5; 1959, p319-23

- United States. Superintendent of documents. Health and hygiene. (Price list 51, 48th ed) U.S. Gov. ptg. office '59 30p

PUBLIC health as a profession

- Angel, Juvenal Londoño. Careers for professionals in public health. (Monograph no39) World trade acad. press '56 p32-4

PUBLIC health nursing. See Nurses and nursing, Public health**PUBLIC health research**

- Anderson, G. W. Research in reproductive wastage. *Am Pub Health* 47:1550-1 D '57

PUBLIC libraries. See Libraries**PUBLIC meetings**

- Carp, Bernard. Your annual meeting; how to make the most of it. Nat. publicity council '55 p 164-8

PUBLIC opinion

- Bureau of social science research, Washington, D.C. International communication and political opinion: a guide to the literature [by] Bruce Lannes Smith and Chitra M. Smith. (Rand corp. Research studies) Princeton univ. press '56 325p

- Dodd, S. C. Formulas for spreading opinions. *Pub Opinion Q* 22:551-4 Winter '58-'59

- Stouffer, Samuel Andrew. Communism, conformity, and civil liberties: a cross-section of the Nation speaks its mind. Doubleday '55 p274-8

See also

- Attitudes
- Propaganda

PUBLIC opinion polls

- Wickert, Günter. Deutsche praxis der marktforschung; ein leitfaden für den praktiker. Demokrit verlag '53 p 180-7

PUBLIC ownership. See Government ownership**PUBLIC records**

- United States. National archives and records service. Records management division. Records management bibliography. The division '54 41p

PUBLIC relations

- Angel, Juvenal Londoño. Careers in public relations. 3d ed rev & enl World trade '59 p25-6

- Brownell, Clifford Lee, and others. Public relations in education; a textbk. for teachers. (McGraw-Hill ser. in education) McGraw '55 incl bibliog

- Cutlip, Scott M. Public relations bibliography, and reference and film guides. Univ. of Wis. press '57 313p annot

- Dartnell corporation. Dartnell public relations handbook; John Cameron Aspley [and] L. F. Van Houten, editors. 2d ed The corporation '58 p962-73

- Harlow, Rex Francis. Social science in public relations: a survey and an analysis of social science literature bearing upon the practice of public relations. (Social science reporter's research ser. survey no3) Harper '57 incl bibliog

- Henderer, Frederic Rhodes. Comparative study of the public relations practices in six industrial corporations: U.S. steel corp. Aluminum co. of Am, the Westinghouse corp, Pa. plate glass co, Koppers co, Dravo corporation. Univ. of Pa. press '56 p225-32

- Nielander, William Ahlers. Selected and annotated bibliography of public relations. rev ed (Bibliog. no3) Bur. of business research, Univ. of Tex. '56 42p

- Same. 3d rev ed (Bibliog ser. 3) Bur. of business research. Univ. of Tex. '57 50p

- Paradis, Adrian Alexis. For immediate release; careers in public relations. McKay '55 p 197-9

- Public relations in print, 1958. Information center, Public relations soc. of Am. '58 7p annot

- Rubin, Bernard. Public relations and the Empire state; a case study of N.Y. state adm. 1943-1954. Rutgers univ. press '58 p324-50

PUBLIC relations—Continued

Steinberg, Charles Side, Mass communicators: public relations, public opinion, and mass media. Harper '58 p455-60

United States. Department of the army. Community relations and public relations bibliography. (Pamphlet no355-55) The department '57 67p

See also

Libraries—Public relations
Railroads—Public relations
Schools—Public relations

PUBLIC schools

See also

Education and state
High schools
Rural schools

Desegregation

See Segregation in education

Finance

See School finance

Health service

See School hygiene

Philippine Islands

Philippines (Republic). United Nations educational scientific and cultural organization national commission. Six community schools of the Philippines: a descriptive account of the community schools developed by the Bur. of public schools in six various types of communities. The commission '54 p 116-28

South

Southern states cooperative program in educational administration. Regional action for professional progress; activities, outcomes, impact of the Program. (Ky. Univ. Bur. of school service. Bul. v29, no2) Program center, George Peabody college for teachers '56 p 145-61

United States

Corbally, J. E. National citizens commission for the public schools [biblog. by R. E. Seeger] Educ Res Bul 35:144-6 S '56

Hansen, Kenneth Harvey. Public education in American society. (Prentice-Hall education ser) Prentice-Hall '56 incl bibliog annot

Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p455-7; 1957, p447-9; 1958, p468-70; 1959, p476-8

Stoops, Emery, and Rafferty, M. L. About our schools: a unit on public education. Calif. education press '55 incl bibliog

PUBLIC schools (endowed)**England**

Ogilvie, Vivian. English public school. Macmillan '57 p219-20

PUBLIC schools and religion

Florida. University. College of education. Education library. Moral, spiritual, and religious values in public education; prepared and annot. by James D. Pope. (Bibliog. no31) The library '58 40p

National conference of Christians and Jews. Dissertations and theses in religion and public education; a partial listing, 1952-1958; comp. by Elizabeth D. Norris. Religion & public education com. Comm. on religious operations '58 6p

PUBLIC speaking

Bibliography of rhetoric and public address for the year 1954[1-1958] Speech Monog 22: 79-110; 23:157-88; 24:181-211; 25:177-207; 26: 183-216 Je '55, Ag '56, Ag '57, Ag '58, Ag '59 annot

Braden, Waldo Warder, and Gehring, Mary Louise. Speech practices; a resource bk. for the student of public speaking. Harper '58 incl bibliog

Butler, Jessie Rehwoldt Haver. Time to speak up; a speaker's handbk. for women; foreword by Nancy Astor. 2d rev ed Harper '57 p247-9 annot

Casey, Robert S. Oral communication of technical information. Reinhold '58 incl bibliog

Fessenden, Seth Arthur, and Thompson, Wayne N. Basic experiences in speech. 2d ed Prentice-Hall '58 incl bibliog annot

Huston, Alfred Dwight, and Sandberg, Robert Alexis. Effective speaking in business; rev. by Jack Mills. Prentice-Hall '55 incl bibliog

Martin, John McCowen. Business and professional speaking; a project text. Harper '56 p207-8

Smith, Raymond George. Principles of public speaking. Ronald '58 incl bibliog

Soper, Paul Leon. Basic public speaking. 2d ed Oxford '56 incl bibliog

University interscholastic league. Public speaking; prose and poetry bibliography; for use in the elementary school, junior and senior declamation, and poetry reading contests, and in the classroom. Bur. of public school service. Univ. of Tex. '58 16p annot

See also

Debates and debating
Oratory
Preaching

PUBLIC utilities

See also

Electric utilities
Railroads
Water supply

Rates

Davidson, Ralph Kirby. Price discrimination in selling gas and electricity. (Johns Hopkins univ. Studies in historical and political science, ser72, no 1) Johns Hopkins press '55 p241-4

Gaywood, Russell, E. Electric utility rate economics. McGraw '56 p224-9

See also

Gas rates

United States

Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p354-6; 1957, p347-9; 1958, p357-9; 1959, p360-3

PUBLIC welfare

American public welfare association. Objectives of public welfare administration and the leadership role of the public welfare administration; summary of material presented in an inst. sponsored by the Association Jan. 16-17-18, 1958, Chicago, Illinois. The association '58 p33-5

Austria. Bundesministerium für soziale verwaltung. Sozialbibliothek. Katalog der Sozialbibliothek im Bundesministerium für soziale verwaltung; stand: 31. Dez. 1952. The library '53 274p

Colorado. Department of public welfare. Library. Public assistance services to multi-problem families. (Lib. counselor, v 14, no 3) The library '59 22p annot

Friedlander, Walter A. Introduction to social welfare. (Prentice-Hall sociology ser) Prentice-Hall '55 incl bibliog

Keith-Lucas, Alan. Decisions about people in need; a study of adm. responsiveness in public assistance. Univ. of N.C. press '57 p275-304

United nations. Social reference center. Bibliography of publications of the United nations and specialized agencies in the social welfare field, 1946-1952. (Social welfare information ser. Int. issue) The center '55 270p

United States. Department of health, education, and welfare. Library. Basic readings in social security, social welfare [and] social insurance. (U.S. Social security adm. Pub. 1956, no28) U.S. Gov. ptg. office '57 144p

See also

Child welfare
Community organization
Social and economic security
Social work

Germany

Deutscher verein für öffentliche und private fürsorge. Beiträge zur entwicklung der deutschen fürsorge; 75 jahre Deutscher verein. (Schriften) Heymann '55 incl bibliog

PUBLIC welfare—*Continued*

Great Britain

Hall, Mary Penelope. Social services of modern England. 3d ed rev (Int. lib. of sociology and social reconstruction) Routledge '55 p316-27

Netherlands

Melief, Petrus Bernardus Anthonius. De strijd om de armenzorg in Nederland, 1795-1854. Wolters '55 p230-7

New York (state)

New York (state). Department of social welfare. Movement of population and public welfare in New York state; a rep. on America's mobile labor force and its economic contributions and public welfare costs to New York state. The department '58 p30-5

Scotland

Ferguson, Thomas. Scottish social welfare, 1864-1914. Livingstone '58 p587-97

United States

American public welfare association. County department of welfare, a service agency; summary of material presented by all participants in an inst. sponsored by the Association under a grant made by the Rockefeller brothers' fund, Nov. 12-13-14, 1958. Chicago, Illinois. The association '58 p31-3

Council on social work education. United States government publications in social welfare; a sel. bibliog; 2d ed, comp. by Winberta M. Yao. The council '56 81p

Municipal year book, 1956(1957) the authoritative resumé of activities and statistical data of American cities (V23-24) Int. city managers' assn. '56-'57 2v 1956, p297-9; 1957. p303-4

Turnbull, John Gudert, and others. Economic and social security; public and private measures against economic insecurity. Ronald '57 incl bibliog annot

Upjohn institute for community research. Unemployment and relief from the local government point of view; a rep. of the Institute [by] Samuel V. Bennett. Public adm. service '55 p251-65

Wilensky, Harold L. and Lebeaux, Charles Nathan. Industrial society and social welfare; the impact of industrialization on the supply and organization of social welfare services in the United States. Russell Sage '58 p353-84

PUBLIC works

American public works association. Training and development of public works employees. (Public works engineers' special rep, no22) The association '57 p47-51

McKean, Eugene C. and Taylor, Harold C. Public works employment for the local government point of view; a rep. of the W. E. Upjohn inst. for community research. Public adm. service '55 p257-66 annot

Stuart, Richard Kenneth. Financing public improvements by the state of Maine. (Maine. Univ. Bul. v59, no 12; Studies, 2d ser, no72) Univ. press '57 p 180-3

Walker, Mabel. Authority device for financing public works. (Tax policy v25, no 12) Tax inst. '58 p7-8

PUBLICITY

See also

Advertising
Public relations

PUBLISHERS and publishing

Buonocore, Domingo. Bibliografía literaria y otros temas sobre el editor y el libro. (Temas bibliotecológicos, no7) Inst. social. Univ. nacional del Litoral '56 47p

Mumby, Frank Arthur. Publishing and book-selling; a history from the earliest times to the present day; with a bibliog. by W. H. Peet. rev ed Cape '54 p371-412

—Same [bibliog. by William Peet, brought up to date by F. A. Mumby] 4th ed Cape '56 p373-415

Uhlán, Edward. Rogue of publishers' row. (Bannerbk) Exposition '56 p239-47

Unwin, Philip. Publishing from manuscript to bookshop. (Nat. bk. league. Book, no5) Cambridge '55 p 12-16

Wiles, Roy McKean. Serial publications in England before 1750. Cambridge '57 p367-70

See also

Book industries and trade
Books
Booksellers and bookselling
Copyright
Printing
Serial publication of books

United States

Schick, F. L. ed. Trends in American book publishing. Lib Trends 7:1-233 J1 '58 incl bibliog

Stern, Madeleine Bettina. Imprints on history, book publishers and American frontiers. Ind. univ. press '56 p389-464

PUCCINIA

Le Roux, P. M. and Dickson, J. G. Physiology, specialization, and genetics of puccinia sorghi on corn and of puccinia purpurea on sorghum. Phytopathology 47:107 F '57

PUEBLO Indians

Anderson, F. G. Pueblo kachina cult: a historical reconstruction. Sw J Anthropol 11: 418-19 Winter '55

Smith, Watson. Kiva mural decorations at Awatovi and Kawaika-a; with a survey of other wall paintings in the Pueblo southwest. (Awatovi expedition. Reps, no5; Papers, v37) Peabody museum of Am. archeology & ethnology, Harvard univ. '52 p327-47

See also

Hopi Indians

PUENTE, Luis de la, 1554-1624

Abad, Camilo María. El venerable P Luis de la Puente de la Compañía de Jesús; sus libros y su doctrina espiritual. (Pubs. anejas a Miscelánea Comillas. Ser. ascetico-mística, 6) Pontificia univ. Comillensis '54 p575-600

PUERTO RICANS in the United States

Belth, Pauline, N.Y.C. Puerto Ricans; bibliography. Municipal reference lib. '56 4p
Puerto Rico. Department of labor. Migration division. Bibliography on Puerto Ricans in the United States; annot. by Clarence Senior. The department '59 37p

PUERTO RICO

Books on Puerto Rico. Lib J 81:672-3 Mr 15 '56 annot

Kidder, F. E. and Bushong, A. D. Bibliography of doctoral dissertations relating to Puerto Rico accepted by United States colleges and universities through 1955-56. Southeast Latin Am 2:5-12 S '58

Lugo-Silva, Enrique. Tugwell administration in Puerto Rico, 1941-1946. The author '55 p 169-77

Puerto Rico. N Y Pub Br Lib Bk News 33: 28-35 F '56 annot

United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p

Economic conditions

Jaffe, Abraham J. People, jobs, and economic development; a case history of Puerto Rico sup. by recent Mexican experiences; foreword by Charles D. Stewart. (Columbia univ. Bur. of applied social research. Rep) Free press '59 p369-75

Stead, William Henry. Fomento—the economic development of Puerto Rico. (Planning pamphlet no 103) Nat. planning assn. '58 p 147-50

Politics and government

Puerto Rico. Constitution. Las constituciones de Puerto Rico; historia y texto de las constituciones de Puerto Rico; recopilación y estudio preliminar de Manuel Fraga Iribarne. (Las constituciones hispanoamericanas, 5) Ediciones Cultura hispánica '53 p543-8

Population

Stycos, J. Mayone. Family and fertility in Puerto Rico; a study of the lower income group. Columbia univ. press '55 p316-22

Social conditions

Steward, Julian H. and others. People of Puerto Rico; a study in social anthropology. (Puerto Rico. Univ. College of social sciences. Social science research center study) Univ. of Ill. press '56 p516-26

- PULASKI county, Kentucky**
Jillson, Willard Rouse. Bibliography of Pulaski county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, coal, salt, oil and gas, with brief annotations. Roberts print. co. '54 30p
- PULCINELLA**
Bragaglia, Anton Giulio. Pulcinella. G. Casini '53 p523-97
- PULLMAN strike, 1894.** See Chicago strike, 1894
- PULMONARY artery**
Hanson, Hans Erik. Temporary unilateral occlusion of the pulmonary artery in man; a method for preoperative determination of the function of each lung; tr. by Virginia Uhlemann. (Sup 187) Acta chirurgica Scandinavica '54 p53-5
- Uggle, Lars Gustaf. Pulmonary hypertension in tuberculosis of the lungs; a clinical study in advanced cases examined with cardiac catheterization and temporary unilateral occlusion of the pulmonary artery [tr. by Ray McVeigh] (Acta tuberculosa Scandinavica. Sup41) Munksgaard '57 p 127-38
- PULMONARY circulation**
Chicago heart association. Pulmonary circulation; an internat. symposium, 1958; ed. by Wright R. Adams and Ilza Veith. Grune '59 incl bibliog
- PULMONARY collapse.** See Lungs—Collapse
- PULMONARY embolism**
Tourniaire, André, and others. Le cœur pulmonaire aigu dans l'embolie pulmonaire; avec la collaboration de Pierre Marion; préf. du professeur R. Leriche. Expansion scientifique française '56 p 161-88
- PULQUE**
Lima, Oswaldo Goncalves de. El maguey y el pulque en los códices mexicanos. Fondo de cultura económica '56 p245-59
- PULSE techniques (electronics)**
Berlin. Technische universität. Ausseninstitut. Impulstechnik; vortragsreihe des Ausseninstituts in Verbindung mit dem Elektrotechnischen Verein Berlin e.V.; vorträge von W. Bruch [et al.] zusammengestellt und bearb. von F. Winckel. Springer '56 incl bibliog
- Deloraine, E. M. Pulse techniques with particular reference to line and radio communication. Elec Com 33:193-4 S '56
- Neeteson, Pieter Adrianus. Vacuum valves in pulse technique. 2d rev & enl ed Macmillan '59 p 191-2
- PUMPING machinery**
Stepanoff, Alexey Joakim. Centrifugal and axial flow pumps; theory, design and application. 2d ed Wiley '57 incl bibliog
- Tennessee Valley authority. Library. Pumped storage for hydroelectric power; a sel. list of references in English, 1928-1939 [i.e. 1959] The library '59 9p
- See also
Heat pumps
- PUMPS**
Addison, Herbert. Centrifugal and other rotodynamic pumps. 2d ed Chapman '55 p516-24
- Kemler, Emory Neudeck. Hydraulic pumping; a patent and literature survey of hydraulic pumping of oil wells. Summary reps. '55 1v
- PUNCHED card systems**
Arnholdt, F. Lochkarten ordnen urologische befunde. Nachr Dok 8:85 Je '57
- Casey, Robert Sabert, and Perry, James Whitney, eds. Punched cards; their applications to science and industry; 2d ed. by Robert S. Casey [and others] Reinhold '58 incl bibliog annot
- Cirkler, F. and Hungermann, E. H. Patentdokumentation mit handlochkarten. Nachr Dok 9:130 S '58
- Columbia university. Watson scientific computing laboratory. Bibliography on the use of IBM machines in science, statistics, and education; comp. by Joyce Alsop [and others] Int. business machines corp. '56 81p
- IBM technical papers published in other journals. See numbers of IBM journal of research and development
- Ohio. State university. Personnel research board. IBM techniques in social science research by William E. Jaynes. Ohio state univ. research foundation '53 incl bibliog
- Scheele, Martin. Die lochkartenverfahren in forschung und dokumentation mit besonderer berücksichtigung der biologische. Schweizerbart '54 p 109-14
- PUNISHMENT**
See also
Capital punishment
Prisons
- PUPPETS and puppet plays**
Batchelder, Marjorie Hope, and Comer, Virginia Lee. Puppets and plays; a creative approach. Harper '56 p217-34 annot
- Boehn, Max von. Dolls and puppets; tr. by Josephine Nicoll, with a note on puppets by George Bernard Shaw. rev ed Branford '56 p481-506
- Lee, Miles. Puppet theatre; production and manipulation; introd. by Cyril Beaumont. Essential bks. '58 p 181-2
- Meilink, W. Handboek voor de poppenspeler. Muusses '5-? p69-71
- Osgood, Mildred M. Marionettes. Arts cooperative service '5-? p 18-19
- Pratt, Lois (Hatch). Puppet do-it-yourself book; a handbk. for beginners and teachers with three handpuppet plays. Expedition '57 p73-5 annot
- Whanslaw, Harry William, comp. Second bench book of puppetry; containing useful references in alphabetical order. Gardner '57 p220-3 annot
- PURCHASING**
Heinritz, Stuart F. Purchasing: principles and applications. 3d ed Prentice-Hall '59 p597-600
- Westing, John Howard, and Fine, I. V. Industrial purchasing; buying for industry and budgetary institutions. Wiley '55 incl bibliog
- See also
Consumer education
- PURCHASING, Industrial**
England, W. B. Looking around: information about procurement; guides to the profit-making activity known as the hard buy. Harvard Bsns R 37:37-8+ J1 '59
- Netherlands. Economische voorlichtingsdienst. Bibliotheek. Literatuur betreffende inkoop en beheer van industriële voorraden, November 1952. The library '52 11p
- PURINES**
Jurtshuk, P. and others. Anaerobic purine dissimilation by washed suspensions of bovine rumen bacteria. J Dairy Sci 41:201-2 Ja '58
- PURITANS**
Cragg, Gerald Robertson. Puritanism in the period of the great persecution, 1660-1688. Cambridge '57 p303-20
- Eusden, John Dykstra. Puritans, lawyers, and politics in early seventeenth-century England. (Yale univ. Yale studies in religious education, v23) Yale univ. press '58 p 182-221 annot
- Morgan, Edmund Sears. Puritan dilemma; the story of John Winthrop; ed. by Oscar Handlin. (Lib. of Am. biography) Little '58 p207-15 annot
- Oberholzer, Emil. Delinquent saints; disciplinary action in the early congregational churches of Massachusetts. (Columbia studies in the social sciences, no590) Columbia univ. press '56 p337-71 annot
- Wakefield, Gordon Stevens. Puritan devotion: its place in the development of Christian piety. (Fernley-Hartley lecture, 1957) Epworth press '57 p xiii-xx
- See also
Calvinism
- PURKYNĚ, Jan Evangelista, 1787-1869**
John, Henry Jerry. Jan Evangelista Purkyně, Czech scientist and patriot, 1787-1869. (Memoirs, v49) Am. philosophical soc. '59 p84-94
- Kubišta, Ivan, and Švarc, Václav. Purkyně ve Vratislavi; k símu výročí založení Purkyněovy Zivry. (Věda mládeži, v29) Vydala Mlada fronta '53 p280-5

- PURKYŇĚ, Jan Evangelista**—*Continued*
Němec, Bohumil, and Matoušek, Otakar, eds. Jan Evangelista Purkyně, badatel, narodní buditel; soubor příspěvků o jeho životě a práci. (Československá akad. věd. Sekce biologická. Klasikové vědy, v5) Nakl. Československé akad. věd. '55 p243-7
- Rozsivalová, Eva. Život a dílo J. E. Purkyně. Nakl. Československé akad. věd. '56 p 134-8
- PURUM (tribe)**
Needham, R. Structural analysis of Purum society. *Am Anthropol* 60:100-1 F '58
- PUTNAM, Herbert**, 1861-1955
Jones, E. D. Bibliography: writings and addresses of Herbert Putnam and books and articles about him. (In United States. Library of Congress. Herbert Putnam, 1861-1955; a memorial tribute. The library '56 p53-80)
- PYATT, Charles Lynn**, 1886-
Lexington, Kentucky. College of the Bible. To do & to teach; essays in honor of Charles Lynn Pyatt presented by his friends upon his retirement from the College, June, 1953. The college '53 p 185-6
- PYGMIES**
Gusinde, M. Die Ayom-Pygmäen auf Neu-Guinea. *Anthropos* 53 no3:498-9 '58
See also
Negritos
- PYRAMIDAL tract**
Lassek, Arthur Marvel. Pyramidal tract: its status in medicine. (Am. lecture ser, pub. no233) Thomas '54 p 133-49
- Maffre, Suzanne. Etude physiologique et morphologique du faisceau pyramidal chez le chien d'après les conséquences de son exclusion chronique. *Leconte* '55 p 155-67
- PYRAMIDS**
Cottrell, Leonard. Mountains of Pharaoh. Rinehart '56 p283-5
- Goneim, Mohammed Zakaria. Lost pyramid. Rinehart '56 p 172-5
- Vecht, C. F. P. D. van der. De steenen spreken; de goddelijke boodschap der Grooten pyramide; bewerkt naar The great pyramid, its divine message; an original coordination of historical docs. and archaeological evidences, by D. Davidson and H. Aldersmith en andere pubs. van D. Davidson. 6th ed P. van Stockum '50 p460-4
- PYRENEES**
Bibliografía. *See* numbers of Pirineos
- Chevalier, Michel. La vie humaine dans les Pyrénées ariégeoises. Génin '56 p 12-61
- Solé Sabarís, L. II Congreso internacional de estudios pirenaicos. *Pirineos* 10:557-60 J1 '54
- Solé Sabarís, Luis. Los Pirineos; el medio y el hombre. (El mundo y los hombres, 8) Martin '51 incl bibliog
- Suplemento bibliográfico. *See* numbers of Pirineos
- PYRETHRUM**
Levy, Luis Werner. El piretro en el Ecuador; con prólogo del Dr. Jaime Chaves Ramírez y un capítulo acerca de la técnica del cultivo por Póul Arends. (Quito. Escuela politécnica nacional. Pub) Editorial Regina '54 p81-4
- PYRIDOXINE**
Harding, R. S. and others. Effect of storage on the vitamin B₆ content of a packaged army ration, with a note on the human requirement for the vitamin. *J Nutrition* 68:330-1 Je '59
- Merck and company, inc. Vitamin B₆; sel. annot bibliog, 1954. Rahway '54 109p
- Ross, M. L. and Pike, R. L. Relationship of vitamin B₆ to protein metabolism during pregnancy in the rat. *J Nutrition* 58:266-8 F '56
- PYRIMIDINES**
Campbell, L. L. Reductive degradation of pyrimidines. *J Bact* 73:223-4, 228-9 F '57
- PYRITES**
Hill, P. A. Banded pyrite deposits of Minas Carlota, Cuba. *Econ Geol* 53:999-1002 D '58
- Prucha, John James. Pyrite deposits of St Lawrence and Jefferson counties, New York. (N.Y. State museum. Bul. no357) Univ. of the state of N.Y. '57 p86-7

PYRO- and piezo-electricity Engineering department. Research station, London. Piezo-electricity; sel. engineering reports. H.M.S.O. '57 incl bibliog

PYROLYSIS
Prien, C. H. and Perch, M. Pyrolysis of coal and shale. *Ind & Eng Chem* 47:1915; 48: 1657; 49:1551 50:1405 S '55, S '56, S '57 S '58

PYROXENES
Wilkinson, J. F. G. Clinopyroxenes of a differentiated teschenite sill near Gunnedah, New South Wales. *Geol Mag* 94:133-4 Mr '57

Wilkinson, J. F. G. Clinopyroxenes of alkali olivine-basalt magma. *Am Min* 41:741-3 S '57

Q

- Q fever**
Luoto, L. Epidemiology of Q fever in the United States. *Am J Pub Health* 49:337-8 Mr '59
- Tjalma, R. A. and Smith, I. M. Q fever in Iowa dairy cattle. *Am Vet Med Assn J* 133:609-10 D 15 '58
- Wentworth, B. B. Historical review of the literature on Q fever. *Bact R* 19:144-9 S '55
- QUACKS and quackery**
Cook, James. Remedies and rackets; the truth about patent medicines today; with an introd. by Oliver Field. Norton '53 p238-45
- Holbrook, Stewart Hall. Golden age of quackery. Macmillan '59 p293-5
See also
Medicines. Patent, proprietary, etc.
- QUAIFE, Milo Milton**, 1880-
Quaife, Milo Milton. Forty-six years: the published writings of Milo M. Quaife, 1910-1955; ed. by Joe L. Norris. Algonquin club '56 52p
- QUAKERS**. *See* Friends, Society of
- QUALITATIVE analysis**. *See* Chemistry, Analytic—Qualitative
- QUALITY control**
Allan, Douglas H. W. Statistical quality control; an introd. for management. (Reinhold management science ser) Reinhold '59 p 122-5
- American management association. Controlling underfill and overfill in packaging equipment. (Special rep. no 15) The association '56 p 127-8
- Debing, Lawrence Melvin, ed. Quality control for plastics engineers. Reinhold '57 incl bibliog
- Duncan, Acheson Johnston. Quality control and industrial statistics. rev ed Irwin '59 incl bibliog
- Gwyer, Joseph A. Quality control in the U.S.S.R.; a prelim. survey. (Special study, no 1) Army lib, U.S. Dept. of the Army '56 p32-5
- Parsons, James W. Use of statistical quality control in non-manufacturing areas. (Baylor business studies, no27) School of business, Baylor univ. '56 p23-4
See also
Inspection
- QUANTITATIVE analysis**. *See* Chemistry, Analytic—Quantitative
- QUANTITY theory of money**
Stadlin, Alois E. Die entwicklung der quantitätstheorie von Cantillon und Hume bis Ricardo. Keller '54 p vii-xi
- QUANTUM statistics**
See also
Statistical mechanics
Wave mechanics
- QUANTUM theory**
Band, William C. Introduction to quantum statistics. Van Nostrand '55 incl bibliog
- Corso, J. F. Neural quantum theory of sensory discrimination. *Psychol Bul* 53:392-3 S '56
- Edmonds, A. R. Angular momentum in quantum mechanics. CERN 55-26:75-81 '55

QUANTUM theory—Continued

Edmonds, A. R. Angular momentum in quantum mechanics. (Investigations in physics, 4) Princeton univ. press '57 p 133-40

Kauzmann, Walter. Quantum chemistry; an introduction. Academic press '57 incl biblog

Landé, Alfred. Foundations of quantum theory; a study in continuity and symmetry. Yale univ. press '55 p 103-4

See also

Force and energy
Molecular dynamics
Wave mechanics

QUARANTINE, Plant

McCubbin, Walter Alexander. Plant quarantine problem; a general review of the biological, legal, administrative and public relations of plant quarantines with special reference to the United States situation. (Int. biohistorical comm. Contributions, no3; Annales cryptogamici et phytopathologici, v 11) Munksgaard '54 p250-3

QUARTZ

Bailey, S. W. and others. Plastic deformation of quartz in nature. Geol Soc Am Bul 69: 1464-6 N '58

See also

Silica

QUEBEC (province)

Garigue, Philip. Bibliographical introduction to the study of French Canada. Dept. of sociology & anthropology, McGill univ. '56 133p

QUEBEC campaign, 1759

Hibbert, Christopher. Wolfe at Quebec. World pub. '59 p 185-90

QUEFFÉLEC, Henri, 1910-

Oeuvres d'Henri Queffélec. Biblio 27:11 Mr '59

QUENCHING

Jaffe, L. D. Preliminary examination of the quenching of titanium alloys. J Metals 7: 1244 N '55

QUILTS and counterpanes

Carlisle, Lillian Baker. Pieced work and applique quilts at Shelburne museum. (Museum pamphlet ser, no2) Shelburne museum '57 p96

QUINDECIM signa ante iudicium

Heist, William W. Fifteen signs before doomsday. (Studies in language and literature) Mich. state college press '52 p204-23

QUINET, Edgar, 1803-1875

Powers, Richard Howard. Edgar Quinet, a study in French patriotism. (Arnold foundation studies, new ser, 7) Southern Methodist univ. press '57 p 191-201

QUINOLINOL. See Hydroxyquinoline**QUIROGA, Horacio, 1879-1937**

Orgambide, Pedro G. Horacio Quiroga; el hombre y su obra. Editorial Stilcograf '54 p 163-70

QUOTATIONS

See also

Proverbs

R

RAABE, Wilhelm Karl, 1831-1910

Meyen, Fritz. Wilhelm Raabe-bibliographie. (In Raabe, Wilhelm Karl. Sämtliche werke. Ergänzungsband 1) Klemm '55 407p

RABBITS

Hildreth, Aubrey Clare, and Brown, Gerald B. Repellents to protect trees and shrubs from damage by rabbits. (U.S. Dept. of agriculture. Technical bul. no 1134) U.S. Gov. ptg. office '55 p21-5

Makepeace, Laura Isabel. Rabbits; a subject bibliography. (Special bibliog, no3) Bibliog. center for research, Rocky mountain region '56 81p

Robinson, R. Genetic studies of the rabbit. Bibliog Genet 17 no3-4:511-41 '58

Thompson, Harry Vassie, and Worden, Alastair Norman. Rabbit; with an app. on legal aspects by Valerie Worrall. (New naturalist special volume) Collins '56 p226-32

Watson, J. S. Reproduction of the wild rabbit, *Oryctolagus cuniculus* (L.) in Hawke's bay, New Zealand. N Z J Sci & Tech secB 38:481-2 Mr '57

Diseases and pests

Bull, P. C. Incidence of coccidia (sporozoa) in wild rabbits. *Oryctolagus cuniculus* (L.) in Hawke's bay, New Zealand. N Z J Sci 1:327-9 Je '58

See also

Myxoma, Infectious

RABELAIS, François, ca 1490-1553

Giraldi, Giovanni. Rabelais et l'educazione del principe. (Biblioteca di pedagogia) Edizioni Viola '53 p77-80

Montpellier, France. Musée Fabre. Exposition commémorative du 400me anniversaire de la mort de François Rabelais, organisée avec le concours des bibliothèques de la Faculté de médecine et de la ville de Montpellier à l'occasion de la Foire internationale de la vigne et du vin. The museum '53 32p

RABIES

Koprowski, H. and others. Rabies in cattle. Am Vet Med Assn J 127:369 O '55

Molner, J. G. and others. Rabies control in Detroit. Am J Pub Health 45:1004 Ag '55

Rausch, R. Some observations on rabies in Alaska, with special reference to wild canidae. J Wildlife Mgt 22:260 Jl '58

RACCOONS

Stains, Howard J. Raccoon in Kansas; natural history, management, and economic importance. (Kan. Univ. Museum of natural history. Misc. no 10) State biological survey '56 p67-76

RACE

Alpenfels, Ethel Josephine. Sense and non-sense about race. new & rev ed Friendship press '57 p60-4

Literature of race and culture. See numbers of Phylon

Thompson, Edgar Tristram, and Hughes, Everett Cherrington, eds. Race: individual and collective behavior. Free press '58 p567-610

United Nations educational, scientific and cultural organization. Race question in modern science. Morrow '57 incl bibliog

RACE problems

Berry, Brewton. Race and ethnic relations; 2d ed. of Race relations. Houghton '58 p509-41

Clark, Kenneth Bancroft. Prejudice and your child. Beacon press '55 p 140-8

Cox, Oliver Cromwell. Caste, class & race; a study in social dynamics; introd. by Joseph S. Roucek. Monthly review press '59 p587-600

Iliff, John G. Where to read up on racism and human rights. Northern Calif. branch, Am. civil liberties union '54 79p

Maraus, Barend Jacobus. Colour, unsolved problem of the West. Timmins '52 p326-9

Pope, Liston. Kingdom beyond caste. Friendship press '57 p 163-70 annot

Simpson, George Eaton, and Yinger, John Milton. Racial and cultural minorities: an analysis of prejudice and discrimination. rev ed (Harper's social science ser) Harper '58 p817-51

Viet, Jean. Selected documentation for the study of race relations. (Reps. and papers in the social sciences, no9) UNESCO '58 81p

See also

Anti-Semitism

Discrimination in employment

Discrimination in housing

Intercultural education

RACE psychology. See Ethnopsychology**RACES, Primitive. See Native races****RACES of man. See Ethnology****RACHEL, Mile. See Félix, E. R.****RACING. See Horse racing****RACKETEERING**

Illinois. University. Institute of labor and industrial relations. Racketeering in union-management relations. (Labor management relations, v9, no2) The institute '58 16p

Katcher, Leo. Big bankroll: the life and times of Arnold Rothstein. Harper '59 p355-7

RADAR

Nupen, W. Annotated bibliography on radar as applied to cloud and precipitation physics. Meteorol Abst & Bibliog 6:997-1050 Jl '55

Starr, Arthur Tisso. Radio and radar technique. Pitman '53 incl bibliog

Thuronyi, G. Recent literature on radar meteorology. Meteorol Abst & Bibliog 9: 1005-30 Ag '58

RADETSKY VON RADETZ, Johann Joseph
Wenzel Anton Franz Karl, graf, 1766-1853
Regele, Oskar. Feldmarschall Radetzky;
leben, leistung, erbe. Herold '57 incl bibliog

RADIANT heating

Cihelka, Jaromír. Sálavé vytápění; theoretická část. Státní nakl. technické literatury '57 p 191-6

RADIATION

Bernier, J. P. and others. Calorimetric determination of the energy required to produce an ion pair in air for cobalt-60 gamma-rays. *Radiation Res* 5:632-3 D '56

Clark, S. P. Radiative transfer in the earth's mantle. *Am Geophys Union Trans* 38:937-8 D '57

Cole, L. J. and Ellis, M. E. Physicochemical alterations in spleen deoxyribonucleoprotein after vitro X-irradiation with 850r. *Radiation Res* 5:265-6 S '56

Dienes, George Julian, and Vineyard, G. H. Radiation effects in solids. (Interscience monographs in physics and astronomy, v2) Interscience '57 incl bibliog

Harwood, J. J. and others, eds. Effects of radiation on materials. Reinhold '58 incl bibliog

Hine, Gerald J. and Brownell, Gordon L. eds. Radiation dosimetry. Academic press '56 incl bibliog

Hollaender, Alexander, and others, eds. Radiation biology. McGraw '54-'56 3v incl bibliog

United States. Quartermaster food and container institute for the armed forces. Chicago. Ionizing radiations; their production, effects, and utilization, with special reference to food and packaging technology. (Bibliog. ser. no4) The institute '54 3v—Supplement, no 1/21-31 (Bibliog. ser. no4) The institute '55-'56 4 pts

Young, M. E. J. Radiological physics. Academic press '57 incl bibliog

See also

Alpha rays

Cosmic rays

Gamma rays

Heat

Infrared rays

Materials, Effect of radiation on

Radiesthesia

Shielding (radiation)

X rays

Physiological effect

Akademija nauk SSSR. Institut genetiki. Symposium on radiobiology, Academy of sciences of the USSR, Institute of genetics and Institute of biophysics, Moscow, 1955; in English translation. Consultants bur. '56 incl bibliog

Alper, T. Modification of damage caused by primary ionization of biological targets. *Radiation Res* 5:585-6 N '56

Basson, J. K. and Shellabarger, C. J. Determination of the RBE of alpha-particles from astatine-211 as compared to beta-particles from iodine-132 in the rat thyroid. *Radiation Res* 5:512-14 N '56

Bond, V. P. and others. Influence of exposure geometry on the pattern of radiation dose delivered to large animal phantoms. *Radiation Res* 6:570-2 My '57

Brooks, P. M. and others. Prompt pulmonary ventilation and oxygen consumption changes in rhesus monkeys associated with whole-body gamma-irradiation. *Radiation Res* 6:446-7 Ap '57

Bugher, John C. and others, eds. Biological sciences. (Progress in nuclear energy, ser6) McGraw '56 incl bibliog

Bustad, L. K. and others. Biological effects of I 131 continuously administered to sheep. *Radiation Res* 6:411-13 Mr '57

Ciba foundation. Ciba foundation symposium on ionizing radiations and cell metabolism; eds: G. E. W. Wolstenholme and Cecilia M. O'Connor. Little '56 incl bibliog

Claus, Walter Dunham, ed. Radiation biology and medicine; sel. reviews in the life sciences. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog

Conard, R. A. Some effects of ionizing radiation on the physiology of the gastrointestinal tract. *Radiation Res* 5:184-8 Ag '56

Ellinger, Friedrich Philipp. Medical radiation biology. Thomas '57 p701-945

Furchtgott, E. Behavioral effects of ionizing radiations. *Psychol Bul* 53:331-4 Jl '56

Goldfeder, Anna. Ionizing radiation as a tool in biological research. *N Y Acad Sci Trans* 20:833-7 Je '58

Halnan, K. E. Atomic energy in medicine. Philosophical lib. '57 p 151-2

Kelly, L. S. and others. Post-radiation time and dose-response studies on the incorporation of P³² into DNA of mouse tissues. *Radiation Res* 2:500-1 Jl '55

Lacassagne, Antoine, and Gricourroff, Georges. Action of radiation on tissues; an introd. to radiotherapy; tr. by Clarence C. Lushbaugh and Gretchen R. Riese. 2d ed Grune '58 incl bibliog

Langham, W. and others. Studies of the effect of rapidly delivered, massive doses of gamma rays on mammals. *Radiation Res* 5:429-32 O '56

Lea, Douglas Edward. Actions of radiations on living cells. 2d ed Cambridge '55 p375-97

Merwissen, D. J. Effect of mercaptoethylamine on survival of mice irradiated with cobalt 60. *Radiation Res* 6:96-7 Ja '57

Morczek, Adolf. Ionisierende strahlen und der haushalt anorganischer kationen; ein beitrage zur biologischen wirkung energiereicher strahlen. Thieme '57 p99-106

National academy of sciences, Washington, D.C. Committee on effects of atomic radiation on oceanography and fisheries. Effects of atomic radiation on oceanography and fisheries, report. (Pub. no551) Nat. research council '57 incl bibliog

National research council. Committee on pathologic effects of atomic radiation. Report, from a study of the biological effects of atomic radiation. (Pub. 452) The council '56 incl bibliog

Oakberg, E. F. Gamma-ray sensitivity of spermatogonia of the mouse. *J Exp Zool* 134:355-6 Mr '57

Oakberg, E. F. Sensitivity and time of degeneration of spermatogenic cells irradiated in various stages of maturation in the mouse. *Radiation Res* 2:389-91 Je '55

Oughterson, Ashley W. and Warren, Shields, eds. Medical effects of the atomic bomb in Japan. (Nat. nuclear energy ser. Manhattan project technical sec. Div. viii, v8) McGraw '56 incl bibliog

Quastler, H. Nature of intestinal radiation death. *Radiation Res* 4:319-20 Ap '56

RCA service company, incorporated. Atomic radiation: theory, biological hazards, safety measures, treatment of injury. The company '57 incl bibliog

Rajewski, Boris, and others. Wissenschaftliche grundlagen des strahlenschutzes. (Wissenschaftliche bucherei. Bibliotheca physica) Braun '57 incl bibliog

Restivo, S. R. and Mefferd, R. B. Effects of post irradiation surgical stress, anesthesia, and spleen transplantation on survival of mice. *Radiation Res* 6:165-6 F '57

Schubert, Jack, and Lapp, Ralph Eugene. Radiation: what it is and how it affects you. Viking '57 p281-302

Sheppard, C. W. and others. Biological effects of fast neutrons from an internal target cyclotron; physical methods and dominant lethals in drosophila. *Radiation Res* 6:186-7 F '57

Sparrow, Arnold Hicks, and Rubin, Benjamin Arnold. Effects of radiation on biological systems. (U.S. Atomic energy comm. BNL-97) Technical information service '51 p40-53

Stephens, Sophie V. and Boche, Robert D. Annotated bibliography in radiobiology. (U.S. Atomic energy comm. ANL-5111) Technical information service '53 360p

Storer, J. B. and others. Relative biological effectiveness of various ionizing radiations in mammalian systems. *Radiation Res* 6:281-8 F '57

Sullivan, W. D. Effect of ultraviolet radiation and the interaction with sulfur compounds on growth and division of tetrahymena. *Am Micros Soc Trans* 78:192-3 Ap '59

Symposium on fundamental cancer research. 12th. Houston, Texas, 1958. Radiation biology and cancer; a coll. of papers; pub. for the Univ. of Tex. M. D. Anderson hospital and tumor institute. Univ. of Tex. press '59 incl bibliog

United nations. General assembly. Scientific committee on the effects of atomic radiation. Report [1958] (Official records: 13th session. Sup. no 17 A/3838) The committee '58 incl bibliog

RADIATION—Physiological effect—*Continued*
 United States. Atomic energy commission. Symposium [on] the shorter-term biological hazards of a fallout field. Washington, D.C., December 12-14, 1956; ed. by Gordon M. Dunning [and] John A. Hilcken. U.S. Gov. ptg. office '58 incl bibliog
 Zirkle, Raymond Elliott, ed. Biological effects of external X and gamma radiation. (Nat. nuclear energy ser. Manhattan project technical sec. Div. IV: Plutonium project record, v22B) McGraw '54-'56 2v incl bibliog

See also

Atomic medicine
 Bacteria, Effect of radiation on
 Insects, Effect of radiation on
 Plants, Effect of radiation on

Safety measures

Sonnenblick, Benjamin Paul, ed. Protection in diagnostic radiology. Rutgers univ. press '59 incl bibliog

RADIATION, Solar. See Solar radiation

RADIATION chemistry. See Radiochemistry

RADIATION counters. See Nuclear counters

RADIATION shielding. See Shielding (radiation)

RADIATION sterilization

Day, E. A. and others. Flavor and odor defects of gamma-irradiated skimmilk. J Dairy Sci 40:930-1, 941 Ag '57

Goldblith, S. A. and others. Radiation preservation of milk and milk products. J Dairy Sci 39:378, 389-90, 400-1, 1245-6; 42:475 Ap. S '56, Mr '59

Hannan, R. S. Research on the science and technology of food preservation by ionizing radiations. Chem. pub. co. '56 p 160-81

London. Science museum. Science library. Some reference to the sterilization of food-stuffs by ultra-violet rays. (Bibliog. ser. no761) The library '58 4p

Schreiber, J. S. and Highlands, M. E. Study of the biochemistry of irradiated potatoes stored under commercial conditions. Food Res 23:471-2 S '58

Singleton, Willard Ralph. Nuclear radiation in food and agriculture. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '58 incl bibliog

United States. Quartermaster food and container institute for the armed forces, Chicago. Ionizing radiations; their production, effects, and utilization, with special reference to food and packaging technology. (Bibliog. ser. no4) The institute '54 3v
 —Supplement, no 1/21-31 (Bibliog. ser. no4) The institute '55-'56 4 pts

United States. Quartermaster food and container institute for the armed forces Chicago. Radiation sterilization, reviews of the literature in selected fields. The institute '55 incl bibliog

Williams, C. and others. Effects of radiation and of cooking on the quality of baby beef liver. Food Res 23:490-1 S '58

RADICALS (chemistry)

Jackson, J. L. Stabilized free radicals. Wash Acad Sci J 43:184-5 Je '58

RADIESTHESIA

Mermet, Alexis. Principles and practice of radiesthesia; a textbk. for practitioners and students; tr. from the French by Mark Clement. Nelson '59 p225-8

Parkinson, M. J. Nothing new under the sun; a chronology of radiesthesia research. Radio Percept 12:158-60 Mr '55

RADIO

Doctoral dissertations in radio and television. J Broadcasting 1:377-83 Fall '57

Hamburg. Universität. Hans Bredow-Institut für Rundfunk und Fernsehen. Bibliographie der bücherei des Institutes; stand vom 1. 9. 1955. The institute '55 105p

Library association. County libraries section. Radio and television. (Readers' guide, new ser. no22) The association '53 19p

Laws and regulations

Tuber, R. Broadcast rights: a bibliography. J Broadcasting 2:263-72 Summer '58 annot

RADIO aeriels. See Radio antennas

RADIO antennas

Page, H. and Monteath, G. D. Vertical radiation patterns of medium-wave broadcasting aeriels. Inst Elec Eng Proc 102:293-4 My '55

RADIO apparatus

Harvey, A. F. Standard waveguides and couplings for microwave equipment. Inst Elec Eng Proc 102:499-500 Jl '55

Landford-Smith, Fritz, ed. Radiotron designer's handbook. 4th ed Radio corp. of Am. '56 incl bibliog

See also

Oscillators
 Radio antennas
 Vacuum tubes
 Wave guides

RADIO astronomy

Haddock, F. T. Introduction to radio astronomy. Inst Radio Eng Proc 46:10-12 Ja '58
 Little, C. G. and others. Review of ionospheric effects at vhf and uhf. Inst Radio Eng Proc 44:1015-18 Ag '56

Rice, M. L. Compilation of recent literature on radio astronomy. Meteorol Abstr & Bibliog 9:72-103 Ja '58

Roman, N. G. and Yapple, B. S. Radio sources and the milky way at 440 MC. Inst Radio Eng Proc 46:204 Ja '58

Taylor, Frank Royle. Radio astronomy. (Special subject lists, no26) Lib. assn. '58 15p

RADIO broadcasting

Abott, Waldo. Handbook of broadcasting; the fundamentals of radio and television; 4th ed. [by] the auth. [and] Richard L. Rider. McGraw '57 p516-20

British broadcasting corporation. British broadcasting: a bibliography. new ed The corporation '58 49p

Broderick, Gertrude G. Radio and television bibliography. new ed (U.S. Office of education. Bul. 1956, no2) U.S. Gov. ptg. office '56 46p annot

Brown, D. E. Radio and television: an annot. bibliog. [mostly full-length books. 1946-1957] Journalism Q 34:378-86 Summer '57

Chester, Giraud, and Garrison, Garnet R. Television and radio; an introduction. 2d ed Appleton '56 p627-36

Graduate theses and dissertations on broadcasting: a topical index. J Broadcasting 2:55-90 Winter '57

Hagemann, Walter. Fernhören und fernsehen; eine einföhrung in das rundfunkwesen. (Beiträge zur publizistik, v3) K. Vowinkel '54 p247-58

Head, Sydney W. Broadcasting in America; a survey of television and radio. Houghton '56 p483-90 annot

Lee, E. F. Doctoral dissertations in radio and television at German universities. 1920-1957. J Broadcasting 2:369-75 Fall '58

Paulu, Burton. British broadcasting; radio and television in the United Kingdom. Univ. of Minn. press '56 p448-52

Radio and Tv reference books. Broadcasting 55 Yrbk no:B 148-B 149; 57 Yrbk no:F 11-F 12 S 22 '58, S 28 '59

See also

Television broadcasting

RADIO circuits

Conrad, Walter. Grundsaltungen der funktchnik. Fachbuchverlag '55 p99-105

RADIO coils

Owens, C. D. Survey of the properties and applications of ferrites below microwave frequencies. Inst Radio Eng Proc 44:1247-8 O '56

RADIO communication

Abstracts and references. See numbers of Electronic & radio engineer

Benton, Mildred Catherine. Single-sidebands in communication systems; a bibliography. (Bibliog. no9) U.S. Naval research laboratory '56 99p

Bray, W. J. Survey of microwave radio communication. Electronic Eng 30:236 My '58

Deloraine, E. M. Pulse techniques with particular reference to line and radio communication. Elec Com 33:193-4 S '56

Johnson, J. Richard. License manual for radio operators: a guide to FCC examinations. Rinehart '55 p392-3

Laver, F. J. M. Introduction to some technical factors affecting point-to-point radiocommunication systems. Inst Elec Eng Proc 102:742-3 N '55

Month, Ernesto. Radiotecnica. 5th ed rev & enl Hoepli '53 p506-600

Science abstracts; issued by the Inst. of electrical engineers, and the Physical soc. of London. See numbers

Starr, Arthur Tisso. Radio and radar technique. Pitman '53 incl bibliog

RADIO communication—Continued

United States. Superintendent of documents. Radio, electronics, radar, and communications. (Price list 82, 9th ed) U.S. Gov. ptg. office '59 8p
See also

Radar
Radio transmission
Television

Interference

Conference on radio interference reduction. Illinois institute of technology, 1954. Proceedings. The institute '54 incl bibliog
Price, R. and Green, P. E. Communication technique for multipath channels. Inst Radio Eng Proc 46:569-70 Mr '58
Smith, J. S. Adjacent channels and the Fourier curse. Inst Radio Eng Trans VC-9: 10-11 Je '57

Short wave

Bachynski, M. P. Microwave propagation over rough surfaces. RCA R 20:331-5 Je '59
Gough, M. W. Microwave line-of-sight propagation. Electronic Eng 30:247 My '58
Little, C. G. and others. Review of ionospheric effects at vhf and uhf. Inst Radio Eng Proc 44:1015-18 Ag '56

RADIO control

Müller, Ferdinand. Leitfaden der fernlenkung; eine systematische zusammenstellung der verfahren und anlagen der fernlenkung. (Lehrbücherei der funktortung, v2) Deutsche radar-verlagsgesellschaft '55 p 188-91

RADIO echoes

Leadabrand, R. L. and Peterson, A. M. Radio echoes from auroral ionization detected at relatively low geomagnetic latitudes. Inst Radio Eng Trans AP-6:79 Ja '58

RADIO engineering

Abstracts and references. See numbers of Institute of radio engineers. Proceedings
RCA technical papers. See numbers of RCA review

Radio corporation of America. RCA laboratories. RCA technical papers, 1951-1955 [1-1958] (V3-V4c) RCA review '56-'59? 4v

RADIO in education

Carle, W. M. Needed research in broadcasting. Educ Res Bul 38:128-30 My '59
Methodist publishing house, Nashville. Bibliography of theses and dissertations relating to audio-visuals and broadcasting; prepared by Bob J. Golter. The company '58 185p

Mulgrave, Dorothy Irene. Speech for the classroom teacher. 3d ed Prentice-Hall '55 p388-91

RADIO interference. See Radio communication—Interference**RADIO measurements**

Florman, E. F. Measurement of the velocity of propagation of very-high-frequency radio waves at the surface of the earth. J Res Nat Bur Stand 54:342-3 Je '55

Page, H. and Monteath, G. D. Vertical radiation patterns of medium-wave broadcasting aerials. Inst Elec Eng Proc 102: 293-4 My '55

Wind, Moe, and Rapaport, Harold, eds. Handbook of microwave measurements. Microwave research inst. Polytechnic inst. of Brooklyn '54 2v incl bibliog

—Same. 2d ed Microwave research inst. Polytechnic inst. of Brooklyn '55 2v incl bibliog

RADIO telemetry. See Telemetering**RADIO transmission**

American institute of electrical engineers. Committee reports on Application guide for ground-fault neutralizers, Application guide for grounding of synchronous generator systems, Application guide for neutral grounding of transmission systems. (AIEE no954) The institute '54 p 12-13, 27, 36

Bray, W. J. and others. Review of long-distance radio-wave propagation above 30 mc/s. Inst Elec Eng Proc 102:94-5 Ja '55

Bullington, K. Radio propagation fundamentals. Bell System Tech J 36:625-6 My '57

Dukes, J. M. C. Investigation into some fundamental properties of strip transmission lines with the aid of an electrolytic tank. Inst Elec Eng Proc 103:330 My '56

Harvey, A. F. Parallel-plate transmission systems for microwave frequencies. Inst Elec Eng Proc 106 pt B:139-40 Mr '59

Ryżko, Stanisław. Urządzenia radionadawcze. Wydawn. Ministerstwa obrony narodowej '54-'56 2v incl bibliog

See also

Radio echoes

RADIO tubes. See Vacuum tubes

RADIO waves

Australia. Commonwealth scientific and industrial research organization. Division of radiophysics. List of publications for the years 1946-1949. The organization '51 3p

Booker, H. G. Use of radio stars to study irregular refraction of radio waves in the ionosphere. Inst Radio Eng Proc 46:313-14 Ja '58

Bray, W. J. and others. Review of long-distance radio-wave propagation above 30 mc/s. Inst Elec Eng Proc 102:94-5 Ja '55

Gough, M. W. Some features of V.H.F. tropospheric propagation. Inst Elec Eng Proc 102:53 Ja '55

Logan, Nelson A. and Flynn, R. Bibliography of Soviet research on radiowave propagation and antennas. (U.S. Air force. Cambridge research center. Technical rep. 57-113) Antenna laboratory, Electronics research directorate '57 15p

Logan, Nelson A. and Sherry, Murray E. Bibliography on the theory of diffraction and propagation of radio waves. (U.S. Air force. Cambridge research center. Technical rep. 57-102) Antenna laboratory, Electronics research directorate '57 105p

Nupen, W. Annotated bibliography on propagation of uhf, vhf, and shf waves through the troposphere. Meteorol Abst & Bibliog 8:1243-73; 1243-1418 S-O '57

Shearman, E. D. R. Technique of ionospheric investigation using ground back-scatter. Inst Elec Eng Proc 103:221 Mr '56

Walt, J. R. Excitation of surface waves on conducting, stratified, dielectric-clad, and corrugated surfaces. J Res Nat Bur Stand 59:377 D '57

See also

Microwaves

Radio transmission

Reflection

Bachynski, M. P. Microwave propagation over rough surfaces. RCA R 20:331-5 Je '59

Scattering

Ames, L. A. and others. VHF extra-diffraction propagation bandwidth at 200 miles. (U.S. Air force. Cambridge research center. Technical rep. 55-121) Propagation laboratory, Electronics research directorate '55 p24-6

Gough, M. W. Microwave line-of-sight propagation. Electronic Eng 30:247 My '58

Little, C. G. and others. Review of ionospheric effects at vhf and uhf. Inst Radio Eng Proc 44:1015-18 Ag '56

Millington, G. Tropospheric scatter propagation. Electronic Eng 30:252 My '58

RADIOACTIVE fallout

Hoard, Allen G. and others. Annotated bibliography on fall-out resulting from nuclear explosions. (NYO-4753) N.Y. operations office, U.S. Atomic energy comm. '56 44p
—Supplement 11-31 N.Y. operations office, U.S. Atomic energy comm. '56-'58 3v

Idaho. State college. Library. Radiation and fallout. (Reading list, no4) The library '58 4p

Larson, B. L. and Ebner, K. E. Significance of strontium-90 in milk: a review. J Dairy Sci 41:1661-2 D '58

Oboler, E. M. Radiation—fallout; a sel. list. Lib J 83:3069-70 N 1 '58

United States. Atomic energy commission. Radioactive fallout; a literature search; ed. by William E. Bost. (TID-3528) Technical information service '59 41p

United States. Atomic energy commission. Symposium [on] the shorter-term biological hazards of a fall-out field. Washington, D.C. December 12-14, 1956; ed. by Gordon M. Dunning [and] John A. Hicken. U.S. Gov. ptg. office '58 incl bibliog

United States. Congress. Joint committee on atomic energy. Nature of radioactive fallout and its effects on man; hearings before the Special subcom. on radiation. U.S. Gov. ptg. office '57 2pts incl bibliog

United States. Congress. Joint committee on atomic energy. Nature of radioactive fallout and its effects on man; hearings before the Special subcom. on radiation. U.S. Gov. ptg. office '57 2pts incl bibliog

RADIOACTIVE substances

Aldrich, L. I. and others. Radioactive ages of minerals from the Brown Derby mine and the Quartz Creek granite near Gunnison, Colorado. *J Geophys Res* 61:230-2 Je '56

Cooper, Margaret. Bibliography and index of literature on uranium and thorium and radioactive occurrences in the United States; pt5: Connecticut, Delaware, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin. (Special papers, 67) Geological soc. of Am. '58 472p

Heinrich, Eberhardt William. Mineralogy and geology of radioactive raw materials. McGraw '58 p557-614

Mann, Wilfred Basil, and Seliger, Howard Harold. Preparation, maintenance, and application of standards of radioactivity. (Circ. 594) U.S. Nat. bur. of standards '58 p42-7

Merlin, O. H. and others. Etude photographique de la distribution de la radioactivité dans la granodiorite de l'Adamello. *Geochimica & Cosmochimica Acta* 11:186-8 Mr '57

United States. Weather bureau. Meteorology and atomic energy; prepared for U.S. Atomic energy commission. The bureau '55 p 159-63

See also

Atomic energy in agriculture

RADIOACTIVE tracers

Abstracts of the introductory papers presented at the International atomic energy agency—World health organization seminar on medical radioisotope scanning techniques and results. *Int J Ap Rad & Isotopes* 5:149-54 Mr '59

American association for the advancement of science. Atomic energy and agriculture; a symposium presented on Dec. 27-29, 1955, at the Atlanta meeting of the Association; ed. C. L. Comar [and others] (Pub. no49) The association '57 incl bibliog

American society for testing materials. Symposium on radioisotopes [papers] presented at the 2d Pacific area nat. meeting of the Society, Los Angeles, Calif, Sept. 21, 1956. (Special technical pub. no215) The society '58 incl bibliog

André, Torsten. Studies on the distribution of tritium-labelled dihydrostreptomycin and tetracycline in the body [tr. by Stanley H. Vernon] (Sup 142) *Acta radiologica* '56 p85-9

Bakay, Louis. Blood-brain barrier, with special regard to the use of radioactive isotopes. (Am. lecture ser, pub. no 278) Thomas '56 p 135-50

Boursnell, J. C. Safety techniques for radioactive tracers. Cambridge '58 p65-8

Caldwell, R. L. Using nuclear methods in oil-well logging. *Nucleonics* 16:65 D '58

Carr-Harris, G. G. M. Metals engineering and radioactive materials. (T.I.S. rep. no42) Technical information service, Nat. research council, Canada '54 37p annot

Cooper, P. D. Site of action of radiopenicillin. *Bact R* 20:45-8 Mr '56

Covert, L. L. Uses of radioisotopes in the textile industry; a sel. bibliography. (T.I.S. rep. no54) Technical information service, Nat. research council, Canada '57 8p annot

Dannenburg, W. N. and Liverman, J. L. Conversion of tryptophan-2-C¹⁴ to indoleacetic acid by watermelon tissue slices. *Plant Physiol* 32:269 Jl '57

Faires, Ronald Arthur, and Parks, B. H. Radioisotope laboratory techniques; with a foreword by Henry Seligman. Pitman '58 incl bibliog

Fog, G. E. Photosynthesis and formation of fats in a diatom. *Ann Bot* 20:284-5 Ap '56

Jansson, Sven L. Tracer studies in nitrogen transformation in soil with special attention to mineralisation-immobilization relationships. (K. Lantbrukshögskolan. Annaler, 24) Almqvist '58 p352-61

Kurdyumov, G. V. and others. Use of radioisotopes in the U.S.S.R. *Int J Ap Rad & Isotopes* 5:11-14 F '59

Longarzo, Louis Cornelius. Atomic energy in pharmacology, industrial and legal aspects. New York com. on atomic information '55? p 18-27

McCormick, J. A. Radioisotopes in agriculture: animal husbandry, bacteriology, fertilizer uptake, plant physiology, photosynthesis, and entomology; a sel. list of references. (U.S. Atomic energy comm. TID-3516) Technical information service '59 67p—Supplement 1. (U.S. Atomic energy comm. TID-3516, Sup. 1) Technical information service '59 18p

McCormick, J. A. Radioisotopes in animal physiology; a sel. list of references. (U.S. Atomic energy comm. TID-3515) Technical information service '58 118p

McCormick, J. A. Radioisotopes in medicine and human physiology; a sel. list of references. Technical information service extension, U.S. Atomic energy comm. '58 124p

McCormick, J. A. Utilization of radioisotopes in physical and biological sciences—general topics; a literature search. (U.S. Atomic energy comm. TID-3519) Technical information service '59 30p

Meinke, W. W. Nucleonics. *Anal Chem* 28: 747-56; 30:703-28 Ap '56, Ap '58

Nye, P. H. and Foster, W. N. M. Study of the mechanism of soil-phosphate uptake in relation to plant species. *Plant & Soil* 9:351-2 Jl '58

Pendleton, R. C. Uses of marking animals in ecological studies: labeling animals with radioisotopes. *Ecology* 37:689 O '56

Pine, L. and Barker, H. A. Tracer experiments on the mechanism of acetate formation from carbon dioxide by butyribacterium rettgeri. *J Bact* 68:225-6 Ag '54

Putnam, J. L. Review of applications of radioisotopes to engineering. *Brit Nucl Energy Conf J* 2:338-40 Jl '57

Rochlin, Robert S. and Schultz, Warner W. Radioisotopes for industry. Reinhold '59 p 172-85

Singleton, Willard Ralph. Nuclear radiation in food and agriculture. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '58 incl bibliog

Smith, A. H. and others. Transfer of phosphorus to the hen's egg, under controlled environment, as traced with radiophosphorus (P³²). *Poultry Sci* 33:918-19 S '54

Stonier, T. Labeling crown gall bacteria with P³² for radioautography. *J Bact* 72:267-8 Ag '56

Stranks, D. R. and Wilkins, R. G. Isotopic tracer investigations of mechanism and structure in inorganic chemistry. *Chem R* 57:854-66 O '57

Straub, C. P. and others. Time of flow studies, Ottawa River, Lima, Ohio. *Am Geophys Union Trans* 39:425-6 Je '58

Studies with radioactive phosphorus in soils of the western states, 1950-53; by the Pubs. com. Phosphorus work group of the Western soils research com. in cooperation with [others] (U.S. Dept. of agriculture. Production research rep. no 12) U.S. Gov. ptg. office '57 p31-2

Weber, J. How isotopes work for refiners. *Oil & Gas J* 55:100 S 23 '57

Wiebe, H. H. and Kramer, P. J. Translocation of radioactive isotopes from various regions of roots of barley seedlings. *Plant Physiol* 29:348 Jl '54

Williams, Walter F. and Turner, Charles Wesley. Intracellular distribution of radioiodine labeled lactogenic hormone in the rabbit mammary glands. (Research bul. 598) Agricultural experiment station, Univ. of Mo. '56 p46-52

See also

Tracers (chemistry)

Therapeutic use

Beierwaltes, William H. and others. Clinical use of radioisotopes. Saunders '57 incl bibliog

Hahn, Paul Francis, ed. Therapeutic use of artificial radioisotopes. Wiley '56 incl bibliog

Halnan, K. E. Atomic energy in medicine. Philosophical lib. '57 p 151-2

RADIOACTIVE waste disposal

American society for testing materials. Symposium on radioactivity in industrial waste and industrial waste water; presented at the 61st annual meeting, Boston, Mass. June 26, 1958. (Special technical pub. no235) The society '58 incl bibliog

Auerbach, S. I. Soil ecosystem and radioactive waste disposal to the ground. *Ecology* 39:529 Jl '58

Kenny, A. W. Behaviour of radioisotopes in sewage treatment and the disposal of radioactive wastes to sewers. *Brit Nucl Energy Conf J* 2:25 O '57

RADIOACTIVE waste disposal—Continued

- Krumholz, Louis Augustus. Observations on the fish population of a lake contaminated by radioactive wastes. (Bul. v 110, article 4) Am. museum of natural history '56 p365-7
- Kumpf, Walther, and others. Radioaktive substanzen und wasser; eine dokumentation. (Schriftenreihe GWF: Wasser, abwasser, no2) Oldenbourg '56 240p
- Morton, R. J. and Straub, C. P. Removal of radionuclides from water by water treatment processes. Am Water Works Assn J 48:557-8 My '56
- Saddington, Kenneth, and Templeton, W. L. Disposal of radioactive waste; with a foreword by J. C. C. Stewart. Macmillan '58 p96-7
- Straub, C. P. Disposal of atomic power plant wastes. Boston Soc Civil Eng J 44: 255-9 O '57
- Straub, C. P. Recent developments in the treatment of atomic wastes. Am Soc Civil Eng Proc 83(SA3 no 12751:8-11 '57
- United States. Atomic energy commission. Radioactive waste processing and disposal; a bibliog. of sel. rep. literature; comp. by Hugh E. Voress and others. (TID 3311) Technical information service '58 123p annot
- United States. Atomic energy commission. Sanitary engineering aspects of the atomic energy industry; a seminar sponsored by the AEC and the Public health service, held at the Robert A. Taft engineering center, Cincinnati, Ohio, Dec. 6-9, 1955. Technical information service extension '56 incl bibliog

RADIOACTIVITY

- Advances in biological and medical physics. v31-61 Academic press '53-'58 4v incl bibliog
- American society for testing materials. Symposium on radiation effects on materials; sponsored jointly by the Society and the Atomic industrial forum. (Special technical pub no208, 220, 233) The society '57-'58 3v incl bibliog
- Davis, Francis Kay. Physical processes in the formation of radiation fog. (Pubs. in climatology, v 10, no1) Drexel inst. of technology '57 p30-7
- Faul, Henry, ed. Nuclear geology; a symposium on nuclear phenomena in the earth sciences. Wiley '54 p373-406
- Javitz, A. E. and Jacobs, P. G. Electronic materials and components for extreme environmental problems. Elec Manuf 62:133-4 N '58
- Mann, W. B. Preparation and maintenance of standards of radioactivity. Int J Ap Rad & Isotopes 1:19-23 Jl '56
- Price, William James. Nuclear radiation detection. (McGraw-Hill ser. in nuclear engineering) McGraw '58 incl bibliog
- Radiation effects on ceramics. Am Cer Soc Bul 36:374 S '57
- Reinsmith, G. Nuclear radiation effects on materials. Am Soc Test Mat Bul 232:47 S '58
- Rosen, R. Note on some observations of radon and thoron exhalation from the ground. N Z J Sci & Tech secB 38:653-4 My '57
- Seliger, H. H. Applications of standards of radioactivity. Int J Ap Rad & Isotopes 1: 230-2 N '56
- Sievert, R. M. Records of gamma radiation from the ground and beta radiation from radioactive debris in Sweden, 1950-55. Tellus 8:126 My '56
- Thuronyi, G. Annotated bibliography on radioactivity in the atmosphere. Meteorol Abst & Bibliog 7:616-57 My '56
- Supplement. Meteorol Abst & Bibliog 9:324-66 Mr '58
- United States. Atomic energy commission. Nuclear science and technology; a sel. bibliography. (TID 3085) Technical information service '58 236p annot
- See also
- Electrons
- Helium
- Nuclear physics
- Plants, Effect of radioactivity on
- Radiochemistry
- Uranium
- Instruments**
- See also
- Nuclear counters
- Measurement**
- Mann, Wilfred Basil, and Seliger, Howard Harold. Preparation, maintenance, and application of standards of radioactivity. (Circ. 594) U.S. Nat. bur. of standards '58 p42-7
- Milmoe, J. O. Instrumentation and methods for radioactivity detection in the mineral industry. Colo Sch Mines Q 51:46-7 Ja '56
- Setter, L. R. and Goldin, A. S. Measurement of low-level radioactivity in water. Am Water Works Assn J 48:1378-9 N '56
- Whyte, George Neilson. Principles of radiation dosimetry. Wiley '59 incl bibliog
- Physiological effect**
- Brent, R. L. and others. Effect of irradiation on the serum glutamic-oxalacetic transaminase level. Radiation Res 9:30-2 Jl '58
- Delihias, N. and Curtis, H. J. Relative biological effectiveness of fission neutrons for the production of acute mortality in mice. Radiation Res 8:179-80 F '58
- Durbin, P. W. and others. Induction of tumors in the rat by astatine-211. Radiation Res 9:395-7 S '58
- Engström, Arne, and others. Bone and radiostrontium. Wiley '58 incl bibliog
- Grune, W. N. and others. Effects of radioactive materials on anaerobic digestion. Sewage & Ind Wastes 30:1148-50, 1410 S, N '58
- Hertwig, P. Zur geschichte der strahlenbiologischen forschung und ihre bedeutung für die gegenwart. Halle Univ Wiss Z Math Naturw Reihe 6:411-12 Je '57
- Japan. Committee for compilation of report on research in the effects of radioactivity. Research in the effects and influences of the nuclear bomb test explosions. Japan soc. for the promotion of science '56 2v incl bibliog
- Konecni, E. B. and Trapp, R. Calculations of the radiobiologic risk factors in nuclear-powered space vehicles. Aerospace Med 30: 505-6 Jl '59
- Langham, W. H. Implications of space radiation in manned space flights. Aerospace Med 30:417 Je '59
- McCormick, J. A. Radioisotopes in medicine and human physiology; a sel. list of references. Technical information service extension, U.S. Atomic energy comm. '58 124p
- Muller, H. J. After effects of nuclear radiation. Nat Safety N 74:48 Ag '56
- Powell, C. C. Medical aspects of the control of radiologic health problems. Am J Pub Health 47:182-3 F '57
- Riley, E. F. and others. Recovery of X-irradiated rabbit lenses. Radiation Res 11:88-9 Jl '59
- Storer, J. B. and others. Relative effectiveness of neutrons for production of delayed biological effects. Radiation Res 8:69-70, 75-6 Ja '58
- Strauss, B. S. Genetic effect of incorporated radioisotopes: the transmutation problem. Radiation Res 8:246-7 Mr '58
- United States. Atomic energy commission. Symposium [on] the shorter-term biological hazards of a fallout field. Washington, D.C. December 12-14, 1956; ed. by Gordon M. Dunning [and] John A. Hilcken. U.S. Gov. ptg. office '58 incl bibliog
- United States. Congress. Joint committee on atomic energy. Nature of radioactive fallout and its effects on man; hearing before the Special subcom. on radiation. U.S. Gov. ptg. office '57 2pts incl bibliog
- See also
- Birds. Effect of radioactivity on
- Insects. Effects of radioactivity on
- Safety measures**
- Boursnell, J. C. Safety techniques for radioactive tracers. Cambridge '58 p65-8
- Disney, C. T. Approach to radiation health problems in industry. Ind Med 26:346-7 Jl '57
- Ellet, William C. State control and administration of atomic radiation. Inst of public affairs, State univ. of Iowa '57 p47-8
- Straub, C. P. Limitations of water treatment methods for removing radioactive contaminants. Pub Health Rep 70:903-4 S '55
- United States. Atomic energy commission. Reactor safety; a sel. bibliog. comp. by Richard J. Smith. Technical information service '58 73p annot

RADIOACTIVITY—Safety measures—*Continued*
United States. Atomic energy commission.
Reactor safety bibliography; sel. unclassified
references. The commission '58 21p

See also

Radioactive waste disposal
Shielding (radiation)

RADIOACTIVITY in time measurement. See
Radiocarbon dating

RADIOAUTOGRAPHY. See Autoradiography

RADIOBIOLOGY. See Radiation—Physiological
effect

RADIOCARBON. See Carbon—Isotopes

RADIOCARBON dating

Ducrocq, Albert. La science à la conquête
du passé. (D'un monde à l'autre; la coll.
des découvertes) Plon '55 p259-71

Flint, R. F. New radiocarbon dates and late-
pleistocene stratigraphy. *Am J Sci* 254:285-7
My '56

Flint, R. F. and Gale, W. A. Stratigraphy
and radiocarbon dates at Seales lake,
California. *Am J Sci* 256:712-14 D '58

Goldthwait, R. P. and Burns, G. W. Wisconsin
age forests in western Ohio. *Ohio J Sci*
58:219, 229-30 J1 '58

Herzog, L. F. and others. Sediment age de-
termination by Rb/Sr analysis of glauco-
nite. *Am Assn Pet Geol Bul* 42:732-3 Ap '58

Libby, Willard Frank. Radiocarbon dating.
2d ed Univ. of Chicago press '55 p 160-1

McNutt, C. H. and Wheeler, R. P. Bibliog-
raphy of primary sources for radiocarbon
dates. *Am Antiq* 24:323-4 Ja '59

Olson, E. A. and Broecker, W. S. Lamont
natural radiocarbon measurements. *Am J
Sci* 257:27-8 Ja '59

Willey, G. R. Estimated correlations and
dating of South and Central American cul-
ture sequences. *Am Antiq* 23:372-8 Ap
'58

Zumbege, J. H. and Potzger, J. E. Late
Wisconsin chronology of the Lake Michigan
basin correlated with pollen studies. *Geol
Soc Am Bul* 67:287-8 Mr '56

RADIOCHEMISTRY

Auerbach, C. Radiomimetic substances. *Ra-
diation Res* 9:44-7 J1 '58

Bagnall, K. W. Chemistry of the rare radio-
elements; polonium-actinium. Butterworth
'57 incl bibliog

Bruce, Francis Robert, and others, eds. *Process
chemistry*. (Progress in nuclear energy,
ser3, v 1) McGraw '56 incl bibliog

Chapiro, A. Chemical evidence of track
effects in the radiolysis of liquids. *Radia-
tion Res* 6:25-6 Ja '57

Dale, W. M. and Davies, J. V. Radiation
effects on aqueous thiourea solutions.
Radiation Res 6:45-6 J1 '57

Friedlander, Gerhart, and Kennedy, Joseph
William. Nuclear and radiochemistry; rev.
version of Introduction to radiochemistry.
Wiley '55 incl bibliog

Howard-Flanders, P. and Alper, T. Sensitivity
of microorganisms to irradiation under con-
trolled gas conditions. *Radiation Res* 7:537-
40 N '57

Logan, J. G. Recent advances in determina-
tion of radiative properties of gases at high
temperatures. *Jet Propulsion* 28:797-8 D '58

Meinke, W. W. Nucleonics. *Anal Chem* 28:
747-56; 30:703-28 Ap '56, Ap '58

Mohler, Hermann, ed. Chemische reaktionen
ionisierender strahlen (Radiation chemis-
try) unter mitarbeit von Arthur Charlesby
[et al] Sauerländer & co. '58 incl bibliog

Murin, A. N. Soviet radiochemistry. *Int J Ap
Rad & Isotopes* 5:18-20 F '59

Nevenzel, Judd C. and others. Bibliography
of syntheses with carbon isotopes. (U.S.
Atomic energy comm. UCLA-316) Techni-
cal information service '55 175p

Phung, P. V. and Burton, M. Radiolysis of
aqueous solutions of hydrocarbons benzene,
benzene-d₆, cyclohexane. *Radiation Res* 6:
215-16 S '57

United States. Scientific laboratory, Los
Alamos, New Mexico. Division of chemistry
and metallurgy. Unclassified papers appear-
ing in technical journals, 1949-1954. The
division '54? 16p

Industrial applications

Conklin, William David, and others. *Radia-
tion chemistry for industry*. Radiation
chemistry associates '55 p74-8

RADIOGRAPHY

Allen, Robert Edward. Photographic tech-
niques and equipment; a sel. list of unclas-
sified AEC reports. (U.S. Atomic energy
comm. TID-3058) Technical information
service '54 24p

Boyd, George Addison. *Autoradiography in
biology and medicine*. Academic press '55
p297-351

Cahoon, John Bradley. *Formulating X-ray
technics*. 4th ed Duke univ. press '56 p233-6

Charlton, E. E. High voltage sources for in-
dustrial radiography. Non-destruct Test 13:
22 Ja '55

Current literature. See numbers of Non-
destructive testing

Dugger, W. M. *Autoradiography with plant
tissue*. Bot R 23:379-87 Je '57

Eastman kodak company. Principles of micro-
radiography. Bibliography: microradiog-
raphy and soft X-ray radiography; prepared
by X-ray div. and Kodak research
laboratories. Philips electronics, inc. '57 31p
(2d group)

Fuchs, Arthur Wolfram. Principles of radio-
graphic exposure and processing. 2d ed
Thomas '58 p273-6

Sherwood, H. F. and others. Bibliography on
industrial application of micro-radiography
and soft X-ray radiography. Non-destruct
Test 14:34-6 Mr '56

Stonier, T. Labeling crown gall bacteria
with P³² for radioautography. *J Bact* 72:
267-8 Ag '56

Towe, George Coffin, and others. High-reso-
lution autoradiography. (U.S. Nat. advisory
com. for aeronautics. Rep. 1243) U.S. Gov.
ptg. office '55 p49-51

See also

Angiography

Microradiography

X rays—Industrial applications

RADIOISOTOPES. See Radioactive tracers

RADIOLOGY, Medical

Bugher, John C. and others, eds. *Medical
sciences*. (Progress in nuclear energy, ser
7) McGraw '56 incl bibliog

Ellinger, Friedrich Philipp. *Medical radiation
biology*. Thomas '57 p701-945

RADIOSCOPIC diagnosis. See Diagnosis, Radio-
scopic

RADIOSCOPIC diagnosis. See Diagnosis, Radio-
scopic

RADIOTHERAPY

Kepp, Richard Kurt. Grundlagen der strah-
lentherapie; physik, biologie und allgemeine
therapie; mit einem geleitwort von Heinrich
Martius. Thieme '52 p312-46

Lacassagne, Antoine, and Gricouff, Georges.
Action of radiation on tissues; an introd.
to radiotherapy; tr. by Clarence C. Lush-
baugh and Gretchen R. Riese. 2d ed Grune
'58 incl bibliog

Vogt, Alfred. Diagnostik und strahlentherapie
der geschwulstkrankheiten. Thieme '55 p343-
61

See also

X rays—Therapeutic use

**RADISHCHEV, Aleksandr Nikolaevich, 1749-
1802**

Radishchev, Aleksandr Nikolaevich. *Journey
from St Petersburg to Moscow*; tr. by Leon
Wiener; ed. with an introd. and notes by
Roderick Page Taler. Harvard univ. press
'58 p253-5

RADIUM

Physiological effect

Lacassagne, Antoine, and Gricouff, Georges.
Action of radiation on tissues; an introd.
to radiotherapy; tr. by Clarence C. Lush-
baugh and Gretchen R. Riese. 2d ed Grune
'58 incl bibliog

RAFFAELLO Sanzio d'Urbino. See Raphael

RAFFLES, Sir Thomas Stamford, 1781-1826

Wurtzburg, Charles Edward. *Raffles of the
Eastern Isles*; ed. for pub. by Clifford Wit-
ting. Hodder '54 p755-69

RAILROAD law

Germany

Zechlin, Paul. Das vorschlags- und erfin-
dungswesen bei der Deutschen reichsbahn,
hrsg. von der Lehrmittelstelle der Deutschen
reichsbahn. 3d enl ed Fachbuchverlag '54
p302-22

United States

Hunt, Robert S. *Law and locomotives; the
impact of the railroad on Wisconsin law
in the nineteenth century*. State historical
soc. of Wis. '58 p238-52 annot

RAILROADS

See also
Street railroads

Construction

See also
Railroads—Curves and turnouts

Cost of operation

Ladd, Dwight R. Cost data for the management of railroad passenger service. Div. of research, Graduate school of business adm., Harvard univ. '57 p335-8

Curves and turnouts

Schramm, Gerhard. Der gleisbogen; seine geometrische und bauliche gestaltung. 2d ed Elsner '54 p232-7

Electric equipment

Bureau of railway economics. Library. Applications of electricity to railways; bibliog. of periodical articles appearing in a sel. list of periodicals covering the calendar year 1954[-1955] The library '55-'56 2v

Finance

O'Neil, John Tettemer. Policy formation in railroad finance; refinancing the Burlington, 1936-45. (Harvard univ. Studies in economic history) Harvard univ. press '56 p211-13

Freight

See also
Freight and freightage

History

Skilern, W. J. Railway history: a supplement to Peddie. Lib W 56:139-43 Mr '55

Juvenile literature

Association of American railroads. Train and engine books for children. 6th ed The association '54 19p annot

Law

See Railroad law

Public relations

Bureau of railway economics. Library. Public relations of the railroad industry in the United States; a bibliog, 1808-1955; comp. by Helen R. Richardson. The library '56 146p annot

Stations

Meeks, Carroll Louis Vanderslice. Railroad station; an architectural history. (Yale historical pubs. History of art, 11) Yale univ. press '56 p 175-86 annot

California

Kneiss, Gilbert H. Redwood railways; a story of redwoods, picnics and commuters. Howell-North '56 p 158-61

Canada

Braun, Günter. Die bedeutung des verkehrswesens für die politische und wirtschaftliche einheit Kanadas. (Bonner geographische abh. no 16) Geographisches inst. Univ. Bonn '55 p90-6

Germany

Ditt, H. and Schöller, P. Entwicklung des eisenbahnnetzes in Nordwestdeutschland. Westfälische Forsch 8:179-80 '55

Zechlin, Paul. Das vorschlags- und erfindungswesen bei der Deutschen Reichsbahn, hrsg. von der Lehrmittelstelle der Deutschen Reichsbahn. 3d enl ed Fachbuchverlag '54 p302-22

United States

Corliss, Carlton J. American railway industry. (Vocational and professional monographs, no43) Bellman '55 p25-6

Lecht, Leonard Abe. Experience under railway labor legislation. (Columbia studies in the social sciences, no587) Columbia univ. press '55 p243-50

Stover, John F. Railroads of the South, 1865-1900; a study in finance and control. Univ. of N.C. press '55 p285-94

United States. Superintendent of documents. Interstate commerce. (Price list 59, 41st ed) U.S. Gov. ptg. office '59 14p

History

Clark, Ira G. Then came the railroads; the cent. from steam to diesel in the Southwest. Univ. of Okla. press '58 p318-24 annot

Maps

United States. National archives. Preliminary inventory of the cartographic records of the Office of the Secretary of the interior (Record group 48) comp. by Laura E. Kelsay. (Preliminary inventories, no81) The archives '55 11p

RAILROADS, Cable

See also
Wire rope transportation

RAIN and rainfall

American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

California. Department of public works. Division of water resources. Weather modification operations in California. (Bul. no 16) Calif. state water resources board '55 incl bibliog

Dubief, Jean. Essai sur l'hydrologie superficielle au Sahara. Service des études scientifiques, Direction du service de la colonisation & de l'hydraulique, Gouvernement général de l'Algérie '53 incl bibliog

East, T. W. R. Inherent precipitation mechanism in cumulus clouds. Roy Meteor Soc Q J 83:75-6 Ja '57

Gunn, R. Electrification of precipitation and thunderstorms. Inst Radio Eng Proc 45: 1357-8 O '57

Hydrology and British rainfall. Meteorol Mag 86:213-14 Jl '57

Mordy, W. Computations of the growth by condensation of a population of cloud droplets. Tellus 11:43-4 F '59

Nash, J. E. Determining run-off from rainfall. Inst Civil Eng Proc 10:183-4 Je '58

See also

Floods

Snow

Storms

RAIN forests

Baur, G. N. Nature and distribution of rainforests in New South Wales. Australian J Bot 5:220-2 S '57

Week, J. Regenwälder, eine vergleichende studie forstlichen produktionspotentials. Erde 90 no 1:36-7 '59

RAIN making

California. Department of public works. Division of water resources. Weather modification operations in California. (Bul. no 16) Calif. state water resources board '55 incl bibliog

India. Atmospheric research committee. Symposium on artificial rain held in February 1953 under the joint auspices of the Committee, CSIR and the India meteorological department. Council of scientific & industrial research '55 p 135-48

Zikeev, N. A. Selective annotated bibliography on nuclei in the atmosphere; secA (1841-1950) secB (1951-1955) Meteorol Abst & Bibliog 6:1163-97, 1307-43 Ag-S '55

RAINBOW

Boyer, Carl Benjamin. Rainbow; from myth to mathematics. Yoseloff '59 p355-66 annot

RAIS, Gilles de Laval, seigneur de, 1401-1440 Villeneuve, Roland. Gilles de Rays, une grande figure diabolique. (Présence du passé, 1) Denoël '55 p275-83

RAJASTHANI manuscripts. See Manuscripts, Rajasthani

RAJNA, Pio, 1847-1930

Borroni, Fabio. Le carte Rajna della Biblioteca marucelliana; catalogo e bibliografia. (Contributi alla biblioteca bibliog. italiana, 14) Sansoni '56 213p

RAMEAU, Jean Philippe, 1683-1764

Berthier, Paul. Réflexions sur l'art et la vie de Jean-Philippe Rameau (1683-1764). (La Vie musicale en France sous les rois bourbons) Picard '57 p91-4

RAMOS, José Antonio, 1885-

Peraza Sarausa, Fermín. Bibliografía de José Antonio Ramos. 2d ed (Biblioteca del bibliotecario, 18) Anuario bibliog. cubano '56 68p

RANALES

Wood, C. E. Genera of the woody ranales in the southeastern United States. Arnold Arb J 34:296-346 Jl '58 incl bibliog

RANCH life

See also
Cowboys

RANCIDITY

Tappel, A. L. and others. Oxidative fat rancidity in food products. *Food Res* 22:294-5 My '57

Yu, T. C. and Sinnhuber, R. O. 2-thiobarbituric acid method for the measurement of rancidity in fishery products. *Food Tech* 11:108 F '57

RAND, PAUL, 1914-

Rand, Paul. Paul Rand, his work from 1940 to 1958; ed. by Yusaku Kamekura. Knopf '59 p 132

RANGES

Bharucha, F. R. and Shankarnarayan, K. A. Studies on the grasslands of the Western Ghats, India. *J Ecol* 46:704-5 N '58

Burcham, Lee T. California range land; an historico-ecological study of the range resource of California. Div. of forestry, Dept. of nat. resources. State of Calif. '57 p236-47

Christensen, E. M. Historical view of the ranges of that white-tailed deer in northern Wisconsin forests. *Am Midl Natur* 61: 236-8 Ja '59

Dyksterhuis, E. J. Ecological principles in range evaluation. *Bot R* 24:270-2 Ap '58

Kershaw, K. A. Investigation of the structure of a grassland community. *J Ecol* 46:591-2; 47:52-3 N '58-Mr '59

Laucherbaugh, John L. Effect of stocking rate on cattle gains and on native short-grass vegetation in west-central Kansas. (Bul. 394) Fort Hays branch, Kan. Agricultural experiment station '57 p28-9

Nicholson, I. A. and Robertson, R. A. Some observations on the ecology of an upland grazing in north-east Scotland with special reference to callunetum. *J Ecol* 46:270 JI '58

Perrin, F. Theoretical approach to a study of chalk grassland. *J Ecol* 46:678-9 N '58

United States. Forest service. Division of watershed management research. Forest and range influences publications, 1905-1955. The division '56 78p

RANK, OTTO, 1884-1939

Taft, Julia Jessie. Otto Rank; a biographical study based on notebooks, letters, coll. writings, therapeutic achievements, and personal associations. Julian press '58 p279-9

RANKE, LEOPOLD VON, 1795-1886

Vierhaus, Rudolf. Ranke und die soziale welt. (Neue müntersche beiträge zur geschichtsforschung, v 1) Aschendorffsche verlagsbuchhandlung '57 p251-9

RANKINE, ALEXANDER OLIVER, 1881-1956

Thomson, G. P. Alexander Oliver Rankine, 1881-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p254-5)

RAPHAEL (Raffaello Sanzio d'Urbino) 1483-1520

Putscher, Marielene. Raphaels Sixtinische madonna; das werk und seine wirkung. Hopfer '55 p284-345

RARE BOOKS. See Bibliography—Rare books

RARE EARTH. See Earths. Rare

RÄSÄNEN, MARTTI, 1893-

Jyrkänkallio, Paul ed. Die sprachwissenschaftlichen veröffentlichungen von Martti Räsänen. (Studia orientalia, v 19, no 13) Suomen itämainen seura '54 14p

RASIS. See Rhazes

RASSOW, BERTHOLD, 1866-1954

Zaunick, R. Berthold Rassow, 1866-1954. *Chem Tech* 7:702-3 D '55

RATIONALISM

See also
Positivism

RATISBON, Germany. See Regensburg, Germany

RATS

Larsson, Knut. Conditioning and sexual behavior in the male albino rat. (Acta psychologica gothoburgensia, 1) Almqvist '56 p256-69

See also
Wood rats

Extermination

Chitty, Dennis, ed. Control of rats and mice. Oxford '54 3v incl bibliog

Lhoste, Jean. Les rongeurs domestiques nuisibles; aperçu sur leur légende, leur histoire, leur vie, les dangers qu'ils représentent et les moyens de les combattre. Dunod '55 p 145-9

Steiniger, Fritz. Rattenbiologie und rattenbekämpfung einschliesslich der toxikologie gebräuchlicher rattengifte. Enke '52 p 147-9

RATS' MILK. See Milk, Rats'

RATZEL, FRIEDRICH, 1844-1904

Steinmetzler, Johannes. Die anthropogeographie Friedrich Ratzels und ihre ideengeschichtlichen wurzeln. (Bonner geographische abh., no 19) Geographisches inst. Univ. Bonn '56 p 145-51

RAUCH, WENDLIN, 1885-1954

Abhandlungen aus ethik und moraltheologie; hrsg. von Robert Schlund. Herder '56 p397-8

RAUMER, KARL GEORGE VON, 1783-1865

Schwarzbach, Martin, ed. Karl von Raumer, 1783-1865, Breslau erster geologieprofessor; ein kapitel aus der geschichte der geologie und der Univ. Breslau; nach berichten Raumers und seiner zeitgenossen zusammengestellt. (Kölner geologische abh., no 6) The author '57 p28-30

RAUWOLFIA

Ciba pharmaceutical products, inc. Rauwolfia story from primitive medicine to alkaloidal therapy. The corporation '54 p59-63

Earl, A. E. Reserpine (serpasil) in veterinary practice. *Am Vet Med Assn J* 129:232-3 S 1 '56

Monachino, J. Rauwolfia serpentina; its history, botany and medical use. *Econ Bot* 8:362-5 O '54

Rauwolfia; botany, pharmacognosy, chemistry & pharmacology [by] Robert E. Woodson [and others] with a foreword by Arnold J. Lehman. Little '57 incl bibliog

RAVEN'S progressive intelligence test. See Progressive matrices test

RAW MATERIALS

Bidwell, Percy W. Raw materials; a study of Am. policy. (Council on foreign relations. Pubs.) Harper '58 p378-96

Harmon, Elmer Meredith. Commodity reserve currency; the Graham-Gourdiaan proposal for stabilizing incomes of primary commodity producers. (Columbia studies in the social sciences, no599) Columbia univ. press '59 p 131-4

See also
Forests and forestry
Metals
Minerals
Mines and mineral resources
Petroleum
Rubber

RAYMUND LULL, BLESSED. See Lull, R.

RAYON INDUSTRY

Urquhart, Alexander Robert. German rayon industry during the period 1939-1945. (B.I.O.S. surveys. Rep. no33) H.M.S.O. '52 p282-321

RAYS, ULTRAVIOLET. See Ultraviolet rays

RAZETTI, LUIS, 1862-1932

Archila, Ricardo. Luis Razetti; o, Biografia de la superación. Impr. nacional '52 p341-90

REACTION, Chemical. See Chemical reaction

REACTION TIME

Farber, I. E. and Spence, K. W. Effects of anxiety, stress, and task variables on reaction time. *J Personality* 25:17-18 S '56

Olsen, E. A. Relationship between psychological capacities and success in college athletics. *Res Q* 27:89 Mr '56

Teichner, W. H. Recent studies of simple reaction time. *Psychol Bul* 51:144-9 Mr '54

REACTION WOOD. See Compression wood

REACTORS

Norris, E. T. Transformers, regulators and reactors. *Inst Elec Eng Proc* 105:248-9 Je '58

READ, SIR HERBERT EDWARD, 1893-

Berry, Francis. Herbert Read. (Bibliog. ser. of sups. to British bk. news) Longmans '53 p37-40

READ, OPIC PERCIVAL, 1852-1939

Martin, T. L. Requiem for giants: Opie Read and the frontier humorists. So Observer 4:184-5 JI '56

READABILITY OF BOOKS. See Books and reading—Readability

READINESS (EDUCATION)

See also
Reading—Readiness

READING

Adams, Fay (Greene), and others. Teaching children to read; 2d ed. [by] Lillian Gray [and] Dora Reese. Ronald '57 incl bibliog

READING—Continued

- Aggert, Otis J. and Bowen, Elbert R. Communicative reading. Macmillan '56 incl bibliog
- Betts, E. A. Research on reading as a thinking process. *J Educ Res* 50:13-15 S '56
- Bond, Guy Loraine, and Tinker, Miles Albert. Reading difficulties; their diagnosis and correction. Appleton '57 incl bibliog
- Conference on improving reading in the junior high school, Washington, D.C. 1956. Improving reading in the junior high school; proceedings of conference, Dec. 13-14, 1956; ed. and prepared by Arno Jewett. (Bul. 1957, no 10) U.S. Office of education '57 incl bibliog
- Conference on reading, University of Pittsburgh and course on reading. Report of the 10th[14th] annual conference. Univ. of Pittsburgh '54-'58 5v incl bibliog
- Crocker, Lionel George, and Elch, Louis Michael. Oral reading; discussion and principles and an anthology of practice materials from literature, classical and modern. 2d ed Prentice-Hall '55 p450-6
- Gray, W. S. Research in reading marches on. *Read Teach* 12:80-2 D '58
- Harris, Albert Josiah. How to increase reading ability; a guide to developmental and remedial methods. 3d ed rev & enl Longmans '56 incl bibliog
- Harris, T. L. Implications for the teacher of recent research in high school reading. *High Sch J* 39:204-6 Ja '56
- Holmes, Jack A. Factors underlying major reading disabilities at the college level. (Genetic psychology monographs, v49, 1st half) Journal press '54 p89-95
- Improving reading in the junior high school; proceedings of conference, Dec. 13-14, 1956, Dept. of health, education and welfare, Office of education, Secondary schools sec; ed. and prepared by Arno Jewett. (U.S. Office of education, Bul. 1957, no 10) U.S. Gov. ptg. office '57 incl bibliog
- Johnson, M. S. Factors related to disability in reading. *J Exp Educ* 26:21-6 S '57
- McCullough, Constance Mary, and others. Problems in the improvement of reading. 2d ed (McGraw-Hill ser. in education) McGraw '55 incl bibliog
- Malmquist, Eve. Factors related to reading disabilities in the first grade of the elementary school. (Stockholm studies in educational psychology, 2) Almqvist '58 p414-28
- Penty, Ruth C. Reading ability and high-school drop-outs. (Studies in education) Teachers college '56 p79-83
- Sochor, E. E. Nature of critical reading. *El Engl* 36:55-8 Ja '59
- Soffietti, J. P. Why children fail to read: a linguistic analysis. *Harvard Educ R* 25:83-4 Spring '55
- Staiger, R. C. Annotated bibliography of college reading materials, 1950-1955. (In Southwest reading conference for colleges and universities. Exploring the goals of college reading programs; ed. by Oscar S. Causey. (Yearbk. 5) Tex. Christian univ. press '55 p 124-30)
- Summary of reading investigations, July 1, 1954 to June 30 1955[July 1, 1957 to June 30, 1958] *J Educ Res* 49:401-36; 50:401-41; 51:401-35; 52:203-21 F '56, F '57, F '58, F '59
- Traxler, Arthur Edwin, and Townsend, Agatha. Eight more years of research in reading; summary and bibliog; with the assistance of Ann Jungeblut and the Educational records bur. staff. (Educational records bul. no64) Educational records bur. '55 283p
- Workshop on the Catholic curriculum and basic reading instruction in elementary education, Catholic university of America, 1952. Catholic curriculum and basic reading instruction in elementary education; the proceedings of the Workshop conducted at the Catholic univ. of Am. from June 13 to June 24, 1952; ed. by Sister M. Marguerite McArdle. Catholic univ. of Am. press '53 p 135-42
- Yoakam, Gerald Alan. Basal reading instruction. (McGraw-Hill ser. in education) McGraw '55 incl bibliog
- See also**
Books and reading
Comprehension in reading
Oral interpretation
- Readiness**
Maloney, T. J. Reading readiness. *Nat Cath Ed Assn Bul* 52:31-3 My '56
- Starr, John W. Analysis of reading readiness tests. (Curriculum bul. no 180) School of education, Univ. of Ore. '57 8p annot
- Remedial teaching**
Bond, Guy Loraine, and Tinker, Miles Albert. Reading difficulties; their diagnosis and correction. Appleton '57 incl bibliog
- Bullock, Harrison. Helping the non-reading pupil in the secondary school. (Studies in education) Teachers college '56 p 177-80
- Copenhagen. Statens pædagogiske studiesamling. Fortegnelse over litteratur om læsning talevanskeligheder, ordblindhed, stammen m. m. 3d ed Nordlundes bogtr. '54 14p
- Florida. University. College of education. Education library. Remedial reading in the schools. (Bibliog. no23) The library '57 7p
- Hanlon, H. What does research reveal about materials for teaching reading? *Engl J* 47:286-8 My '58
- Holmes, Jack A. Factors underlying major reading disabilities at the college level. (Genetic psychology monographs, v49, 1st half) Journal press '54 p89-95
- Kottmeyer, Willia. Teacher's guide for remedial reading. Webster '59 p253-8
- Niles, O. S. and Early, M. J. Adjusting to individual differences in English. *J Educ* 138:2-68 D '55 incl bibliog
- Reading improvement. *News Notes Calif Lib* 52:390-3 Ap '57 annot
- Shepherd, D. L. Helping secondary school teachers gain competence in teaching reading. *J Develop Read* 1:37-9 Winter '58
- Southwest reading conference for colleges and universities. Evaluating college reading programs; ed. by Oscar S. Causey and Albert J. Kingston. (Yearbk. 4) Tex. Christian univ. press '55 incl bibliog
- Southwest reading conference for colleges and universities. Exploring the goals of college reading programs; ed. by Oscar S. Causey. (Yearbk. 5) Tex. Christian univ. press '55 incl bibliog
- Southwest reading conference for colleges and universities. Techniques and procedures in college and adult reading programs; ed. by Oscar S. Causey. (Yearbk. 6) Tex. univ. press '57 incl bibliog
- Southwest reading conference for colleges and universities. What the colleges are doing in planning and improving college reading programs; sels. from the first, second, and third yearbks. of the Conference; ed. by Oscar S. Causey. Tex. Christian univ. press '55 incl bibliog
- Spache, George Daniel. Good reading for poor readers. Garrard '58 incl bibliog annot
- Spache, G. D. Integrating diagnosis with remediation in reading. *El Sch J* 56:25-6 S '55
- Starr, John W. Remedial reading program for elementary schools. (Curriculum bul. no 178) School of education, Univ. of Ore. '57 p 19-22 annot
- Study and teaching**
Artley, A. S. Critical reading in the content areas. *El Engl* 36:129-30 F '59
- Bamman, Henry A. and Dawson, Mildred A. Teaching reading; a guide to aids, materials, and activities; a teacher's guide. Chandler '58 48p
- Betts, E. A. Developing basic reading skills through effective class organization. *Education* 78:573-6 My '58
- Fay, Leo C. Reading in the high school. (What research says to the teacher, 11) Nat. education assn. '56 p32-3
- Hester, Kathleen B. Teaching every child to read. (Harper's ser. on teaching) Harper '55 p397-403
- Hildreth, Gertrude Howell. Teaching reading; a guide to basic principles and modern practices. Holt '58 incl bibliog
- Isler, A. J. Meeting the reading needs in health classes. *J Sch Health* 25:106-7 Ap '55
- Jenkins, M. comp. Here's to success in reading. *Childh Educ* 32:131 N '55
- Lazar, M. Individualized reading. *Education* 78:287-8 Ja '58
- Lloyd, H. Bibliography for the improvement of reading in English classes. *Negro Educ R* 7:34-40 Ja '56

READING—Study and teaching—Continued

- McCullough, C. M. What does research reveal about practices in teaching reading? *Engl J* 46:488-90 N '57
- Mattila, R. H. Reading instruction for prospective teachers: an experiment in functional learning. *El Sch J* 55:392 Mr '55
- Miel, Alice, ed. Individualizing reading practices [by Leland B. Jacobs, and others] (Practical suggestions for teaching, no 14) Teachers college '58 p88-91 annot
- New York (city). Board of education. Reading and literature in the language arts: grades 1-6. (Curriculum bul. 1956-57 ser. no7) The board '57 p87-90 annot
- Sharpe, M. W. Individualized reading: follow-up activities. *El Engl* 36:23-4 Ja '59
- Simon, J. French research in the teaching of reading and writing. *J Educ Res* 50:457-9 F '57
- Witty, P. A. and Sizemore, R. A. Phonics in the reading program: a review and an evaluation. *El Engl* 32:370-1 O '55
- Workshop on the teaching of reading in the elementary school. Catholic university of America, 1956. Teaching of readings in the elementary school; the proceedings of the Workshop, conducted June 15 to 26, 1956; ed. by Sister M. Marguerite McArdle. Catholic univ. of Am. press '57 incl bibliog
See also
Phonic method

Tests and scales

- Dever, Kathryn Imogene. Positions in the field of reading. (Studies in education) Teachers college '56 p 162-4
- Starr, John W. Analysis of reading readiness tests. (Curriculum bul. no 180) School of education, Univ. of Ore. '57 8p annot

READING, Psychology of

- Russell, D. H. Some research on the impact of reading. *Engl J* 47:410-13 O '58

REAGENTS, Chemical. See Chemical tests and reagents**REAL estate business**

- Case, Frederick E. Modern real estate practice; a managerial approach. Allyn '56 incl bibliog
- Martin, Preston. Real estate principles and practices. Macmillan '59 incl bibliog
- Unger, Maurice Albert. Real estate; principles and practices. 2d ed South-western pub. '59 incl bibliog
See also
Mortgages
- REAL property**
- Barlowe, Raleigh. Land resource economics; the political economy of rural and urban land resource use. Prentice-Hall '58 incl bibliog
See also
Land tenure
Land titles
Real estate business

Taxation*See Land—Taxation***REALISM**

- Boman, Lars. Criticism and construction in the philosophy of the American new realism. *Almqvist* '55 p 189-93

See also

- Positivism
Pragmatism

REALITY

- Katsoff, Louis Osgood. Physical science and physical reality. *Nijhoff* '57 incl bibliog

REASONING

- Cofer, C. N. Reasoning as an associative process. *J Gen Psychol* 57:66-8 JI '57

See also

- Logic
Problem solving

RECALL (psychology)

- Alper, T. G. Predicting the direction of selective recall: its relation to ego strength and Y achievement. *J Abnorm & Social Psychol* 55:165 S '57

RECAMIER, Jeanne Françoise Julie Adélaïde (Bernard) 1777-1849

- Levaillant, Maurice. Passionate exiles; Madame de Staël and Madame Récamier; tr. from the French by Malcolm Barnes. Farrar, Straus '58 p351-4 annot

RECIDIVISTS

- Dunham, R. E. Factors related to recidivism in adults. *J Social Psychol* 39:90-1 F '54

- RECKLINGHAUSEN, Heinrich von, 1867-1942**
Happel, Josef. Die philosophie Heinrich von Recklinghausens; mit einem begleitwort von Aloys Wenzl. Habel '57 p8-15

RECLAMATION of land

- Merendi, Ariberto. Bonifica e trasformazione fondiario-agraria del tavoliere di Puglia. Laterza '52 p 175-80
- United States. Superintendent of documents. Irrigation, drainage and water power. (Price list 42, 44th ed) U.S. Gov. ptg. office '57 18p
See also

Drainage

- Irrigation
Tennessee Valley authority

RECOGNITION (international law)

- Landheer, Bartholomeus, and Essen, Jan Louis Frederik van. Recognition in international law. (Hague. Palace of peace. Lib. Sel. bibliog. 2) Sijthoff '54 28p

RECOLLECTION. See Recall (psychology)**RECONSTRUCTION (Civil war)**

- Beale, Howard Kennedy. Critical year; a study of Andrew Johnson and reconstruction. (Am. classics) Unger '58 p407-35 annot
- Carter, Hodding. Angry scar; the story of reconstruction. (Mainstream of Am. ser) Doubleday '59 p411-14
- Daniels, Jonathan. Prince of carpetbaggers. Lippincott '58 p306-11
- Durden, Robert Franklin. James Shepherd Pike: republicanism and the American Negro, 1850-1882. Duke univ. press '57 p232-42 annot
- Hyman, Harold Melvin. Era of the oath; northern loyalty tests during the Civil war and reconstruction. Univ. of Pa. press '54 p208-22

- Morrow, Ralph Ernest. Northern Methodism and reconstruction. Mich. state univ. press '56 p251-61

- Randall, James Garfield. Civil war and reconstruction; with sup. bibliography. Heath '53 p881-935

- Singletary, Otis A. Negro militia and reconstruction. Univ. of Tex. press '57 p 153-66 annot

RECONSTRUCTION (World war, 1939-1945)*See also*

- United nations

RECORDING instruments

- Bouche, R. B. and Tate, D. R. Autographic stress-strain recorders. *Am Soc Test Mat Bul* no228:40-2 F '58

RECORDS

- United States. National archives and records service. Records management division. Records management bibliography. The division '54 41p

See also
Historical records**RECREATION**

- American association for health, physical education, and recreation. Research council. Thesis abstracts committee. Thesis abstracts in health, physical education, and recreation. 1954-55[1956-57] Univ. of Ill. '56?-'58? 2v

- Butler, George Daniel. Recreation areas; their design and equipment; prepared for Nat. recreation association. 2d ed Ronald '58 p 167-9

- Clemens, Frances, and others, eds. Recreation and the local church. Brethren pub. '56 incl bibliog

- Completed research in health, physical education, recreation, 1958. (V 1) Research council, Am. assn. for health, physical education, & recreation '59 60p

- Duran, Clement A. Program encyclopedia. Assn. press '55 p605-14

- Edgren, Harry D. and Regnier, E. H. Duke. Fun with the family. Stipes pub. co. '58? p82-6

- Guide to books on recreation, 1959-1960 edition. Nat. recreation assn. '59 30p annot
Also published as part 2 of September issue of Recreation

- Hunt, Valerie V. Recreation for the handicapped. (Prentice-Hall education ser) Prentice-Hall '55 p291-7

- Kraus, Richard. Recreation leader's handbook. (McGraw-Hill ser. in health education, physical education, and recreation) McGraw '55 p287-92

- McCune, Ellis. Intergovernmental co-operation in recreation administration in the Los Angeles area. (Studies in local governmental research, no 16) Bur. of gov. research, Univ. of Calif. '54 p71-3

RECREATION—Continued

- Meyer, Harold. *Diedrich, and Brightbill, Charles Kestner. Community recreation; a guide to its organization.* 2d ed Prentice-Hall '56 incl bibliog annot
- Municipal year book, 1956[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p449-50; 1957, p441-2; 1958, p461-2; 1959, p469-70
- National conference on facilities for athletics, recreation, physical and health education. Planning facilities for health, physical education, and recreation by participants in Nat. facilities conference. rev ed Athletic inst. '56 incl bibliog
- National recreation association. Research in recreation completed in 1955[-1958] The association '56-'59 4v
- National workshop on recreation. 2d, Michigan state university of agriculture and applied science, 1953. Recreation program. Athletic inst. '54 incl bibliog
- Research abstracts. See numbers of Research quarterly
- Spain. Archivo histórico nacional. Madrid. Catálogo de los documentos referentes a diversiones públicas conservados en el Archivo, por Natividad Moreno Garbayo. (Spain. Junta técnica de archivos, bibliotecas y museos. Ediciones conmemorativas del centenario del cuerpo facultativo, 1858-1958, 1) Dirección general de archivos y bibliotecas '57 685p
- Williams, Wayne Richard. Recreation places; with contributions by Ray McCombs [and others] and essays defining recreation by David Abrahamson [and others] Reinhold '58 p287-96 annot
- See also
- Amusements
Community centers
Games
Hobbies
Industrial recreation
Leisure
Play
Playgrounds
Sports
- RECREATION centers.** See Community centers
- RECREATION for the aged**
Colorado. Department of public welfare. Library. Recreation for senior citizens. (Lib. counselor, v 14, no 1) The library '59 13p annot
- RECREATION workers**
Sutherland, Willard C. Recreation leadership. (Vocational and professional monographs, no 87) Bellman '57 p34-6
- RECREATIONS, Mathematical.** See Mathematical recreations
- RECTIFIERS, Electric.** See Electric rectifiers
- RECTUM**
Cancer
Hultborn, K. A. Cancer of the colon and rectum; a clinical and pathological study with special reference to the possibilities of improving the diagnostic methods and the therapeutic results in adeno-carcinoma [tr. by Stanley H. Vernon] (Sup 172) Acta chirurgica scandinavica '52 p 177-90
- RED clover.** See Clover
- RED cross**
Joyce, James Avery. Red cross international and the strategy of peace; with a foreword on the Am. nat. Red cross and the promotion of peace, by Conrad Hobbs. Oceana '59 p258-9
- Red cross. International committee, Geneva. Handbook of the International Red cross; conventions, statutes and regulations, resolutions of the International conference of the Red cross and of the Board of governors of the League of Red cross societies; 10th ed The committee '53 p591-609
- Rich, Josephine. Jean Henri Dunant, founder of the International Red cross; foreword by James T. Nicholson. Messner '56 p 189-90
- Ross, Ishbel. Angel of the battlefield; the life of Clara Barton. Harper '56 p291-4
- REDL, Alfred Victor, 1864-1913**
Asprey, Robert B. Panther's feast. Putnam '59 p295-303
- REDON, Odilon, 1840-1916**
Sandström, Sven. Le monde imaginaire d'Odilon Redon; étude iconologique; tr. Denise Naert. Wittenborn '55 p200-26

REDSLOB, Edwin, 1884-

Hering, K. H. Verzeichnis der schriften von Edwin Redslob. (In Edwin Redslob zum 70. geburtstag; eine festgabe; hrsg. von Georg Rhode, et al. Blaschker '55 p381-402)

REDUCTION, Chemical

Gaylord, Norman G. Reduction with complex metal hydrides. Interscience '56 incl bibliog

Werner, J. Amination by reduction. Ind & Eng Chem 47:1841; 48:1565; 49:1469; 50:1329 S '55, S '56, S '57, S '58

REDWOOD

Fritz, Emanuel. California coast redwood (sequoia sempervirens (D. Don) Endl.) an annot. bibliog. to and incl. 1955. Foundation for Am. resource management '57 267p

REEDS, Musical

Perdue, R. E. Arundo donax, source of musical reeds and industrial cellulose. Econ Bot 12:403-4 O '58

REEFS

Andrichuk, J. M. Stratigraphy and facies analysis of upper Devonian reefs in Leduc, Stettler, and Redwater areas, Alberta. Am Assn Pet Geol 42:90-3 Ja '58

Forman, M. J. and Schlanger, S. O. Tertiary reef and associated limestone facies from Louisiana and Guam. J Geol 65:626-7 N '57

Parkinson, D. Lower carboniferous reefs of northern England. Am Assn Pet Geol Bul 41:535-7 Mr '57

See also

Coral reefs and islands

REFECTION of feces. See Coprophagy

REFERENCE books

- American association of theological schools. Library check list, consisting of selected basic reference books, periodicals and check sheets for self-study and evaluation of seminary libraries. The association '54 46p
- Arnling, Rune. Uppslagsböcker; lämpade för mindre bibliotek. 2d rev ed (Bokurval, 15) Bibliotekstjänst '58 16p
- Asheim, Lester, and others. Humanities and the library; problems in the interpretation, evaluation and use of library materials. A.L.A. '57 p267-78
- Association of assistant librarians. Greater London division. Reference books and bibliographies: a union list; rev. ed by L. M. Payne and Joan M. Harries. The association '57 92p
- Berger, A. and Kaufman, R. Jewish encyclopedias and other reference books in the last twenty years. (In Jewish book annual, 1957-1958. (V 15) Jewish book council of Am. '57 p41-9)
- Boden, Hans. Verzeichnis bibliographischer nachschlagewerke für allgemeine öffentliche bibliotheken; eine bibliog. der bibliographien. Zentral inst. für bibliothekswesen '57 51p
- Cape Town. University. School of librarianship. Guide to South African reference books. (Booklist ser, no 1) The school '55 43p annot
- Cundiff, Ruby Ethel. Recommended reference books for the high school library. 5th ed rev & enl Tennessee bk. co. '55 28p
- Current reference books. See numbers of Wilson library bulletin
- Enoch Pratt free library. Baltimore. Reference books for the home; a few suggested titles. The library '58 8p
- Enoch Pratt free library. Baltimore. Reference books; a brief guide for students and other users of the lib; comp. by Mary Neill Barton. 4th ed The library '59 117p annot
- Garde, P. K. Directory of reference works published in Asia. Répertoire des ouvrages de référence publiés en Asie. (UNESCO bibliog. handbks, 5) UNESCO '56 139p
- Georgia. Division of instructional materials and library services. Basis reference books for Georgia public libraries. The division '59 27p
- Hamburg. Welt-wirtschafts-archiv. Bibliothek. Allgemeine und internationale nachschlagewerke; 503 titel mit signaturen der bibliothek; 2. ausg, stand: märz 1953 [ausgearbeitet von Anny Schmidt] (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Allgemeine abt. no 1) The library '53 75p
- Hirst, John. First steps in reference work; a handbk. for students. The author '57 39p
- Jenkins, F. B. Medical reference sources; a backward glance. Med Lib Assn Bul 45: 368-70 Jl '57

REFERENCE books—Continued

- Jørgensen, Asbjørn. Norsk bibliografi, et udvalg og en innføring. Statens bibliotekskole '56 14p
- Kleine slawische biographie. Harrassowitz '58 p809-32
- Library journal. Books to build on; first bks. to buy for school libs: elementary, junior high, high school; prepared under the direction of Elvajan Hall. The journal '55? 63p
- Malclès, Louise Noëlle. Cours de bibliographie à l'intention des étudiants de l'université et des candidats aux examens de bibliothécaire. Droz '54 350p
- Mallinson, George Greisen, and Mallinson, Lois Marion. Bibliography of reference books for elementary science; 1956 ed. by George Greisen Mallinson and Jacqueline V. Buck. Nat. science teachers assn. '56 37p
- Same. 1958 ed Nat. science teachers assn. '58 35p
- Mary Alma, Sister. Basic reference book list for Catholic high school libraries; comp. by the Curriculum com. of the Archdiocese of San Francisco and the Archdiocese of Los Angeles. Vroman '59 np
- Mary Naomi, Sister. Basic reference books for Catholic high school libraries. Catholic lib. assn. '59 45p annot
- Medical library association. Handbook of medical library practice; with a bibliog. of the reference works and histories in medicine and the allied sciences [by Eileen R. Cunningham] 2d ed rev & enl [by] Janet Doe and Mary Louise Marshall. A.L.A. '56 p337-637
- Minnesota. University. Library school. Use of books and libraries, by Harold G. Russell [and others] 9th ed Univ. of Minn. press '58 93p annot
- Moseley, E. G. Publications and services useful to the medical librarian. Sp Lib 48:210-13 My '57 annot
- Mukherjee, Ajit Kumar. Manual of reference work; with an introd. by B. S. Kesavan. World press private ltd '57 incl bibliog annot
- Murphey, Robert W. How and where to look it up; a guide to standard sources of information; consultant: Mabel S. Johnson; foreword by Louis Shores. McGraw '58 72p
- Neue nachschlagewerke und bibliographien. See numbers of Deutsche literaturzeitung annot
- [New reference works] See numbers of International association of agricultural librarians & documentalists. Quarterly bulletin
- New York (state). Library extension division. Proceedings of workshops for institution librarians, St Lawrence university, Canton, N.Y., 1957 and 1958. The division '59 p40-8
- Payne, Leonard Maslin, and others. Select list of reference books and bibliographies for the use of students preparing for the registration (assistance to readers) and the final (bibliography) examinations of the Library association. Dept. of librarianship, North-Western polytechnic '61 50p
- Reference books of 1955-1958 Lib J 81:29-38; 82:145-57; 83:695-702; 84:687-97 Ja 1 '56, Ja 15 '57, Mr 1 '58, Mr 1 '59 annot
- Roberts, Arthur Denis. Introduction to reference books. 3d ed Lib. assn. '56 237p
- Sabor, Josefa Emilia. Manual de fuentes de información; obras de referencia: enciclopedias, diccionarios, bibliografías, etc. (Contribuciones bibliotecológicas. 2) Editorial Kapelusz '57 335p
- Selected reference books. See numbers of College and research libraries annot
- Southern association of colleges and secondary schools. Commission on colleges and universities. Classified list of reference books and periodicals for college libraries; W. Stanley Hoole, editor. 3d ed The association '55 227p
- Spargo, John Webster. Bibliographical manual for students of the language and literature of England and the United States; a short-title list. 3d ed Hendricks house '56 285p
- Stein, E. A. and Luciolli, C. E. Books for public library medical reference work. Lib J 83:2110-13 Ag '58 annot
- Stollreither, Konrad. Internationale bibliographie der juristischen nachschlagewerke. International bibliography of legal reference books. Klostermann '55 595p
- United States. National institutes of health. Library section. Basic reference aids for medical library work; comp. by Dorothy Cramer. The library '57 1,0
- Winchell, Constance Mabel. Guide to reference books. 7th ed A.L.A. '51 645p
- Supplement, 1950-1952[-1953-1955] A.L.A. '54-'56 2v
- See also
- Dictionaries
- Encyclopaedia britannica
- Encyclopedias
- REFLECTION (optics)
- Fritz, S. and Rigby, M. Selective annotated bibliography on albedo. Meteorol Abst & Bibliog 8:949-99 J1 '57
- REFLECTION of waves. See Wave motion, Theory of
- REFLEXES
- Canguilhem, Georges. La formation du concept de réflexe aux XVII^e et XVIII^e siècles. (Bibliothèque de philosophie contemporaine. Logique et philosophie des sciences) Presses universitaires de France '55 p 193-201
- Holtzer, H. and Kamrin, R. P. Development of local coordination centers. J Exp Zool 132:403-5 Ag '56
- Lacey, J. I. Evaluation of autonomic responses: toward a general solution. N Y Acad Sci Ann 67 no5:161-3 '56
- Lloyd, David Pierce Caradoc. Discrete and the diffuse in nervous action. (James Arthur lecture on the evolution of the human brain, 1958) Am. museum of natural history '59 p27-8
- Pedersen, Ejner. Studies on the central pathway of flexion reflex in man and animal, and changes in the reflex threshold and the circulation after spinal transection; tr. from Danish by Alex Andersen Aarhus. (Acta psychiatrica et neurologica scandinavica. Sup no88) Universitetsforlaget '54 p77-81
- Razran, Gregory Harry Solomon. Bibliography of Soviet experiments in (I) interoceptive conditioning, and (II) unconditioned interoception in the last ten years. U.S. Public health service; Russian scientific translation program, Nat. insts. of health '59 45p
- See also
- Conditioned responses
- REFORM, Social. See Social problems
- REFORMATION
- Aspects de la propagande religieuse; études pub. par G. Berthoud [et al. préf. de Henri Meylan. (Travaux d'humanisme et renaissance, 28) Droz '57 p xvi-xviii
- Bibliographie de la Réforme, 1450-1648; ouvrages parus de 1940 à 1955; pub. sous les auspices de la Comm. int. d'histoire ecclésiastique comparée au sein du Com. int. des sciences historiques; fasc. 1, Allemagne. Pays-Bas. Brill '58 136p
- Durant, William James. Story of civilization; pt 6, The reformation; a history of European civilization from Wyclif to Calvin: 1300-1564. Simon & Schuster '57 p941-52
- Fife, Robert Herndom. Revolt of Martin Luther. Columbia univ. press '57 p695-713
- Fuchs, W. P. Forschungen und darstellungen zur geschichte des reformationszeitalters, 1945-1955. Welt als Gesch 16 no2:124-53; no3/4:218-49 '56
- Harbison, Elmore Harris. Age of reformation. (Development of western civilization). Cornell univ. press '55 p 139-41 annot
- Schwarz, Werner. Principles and problems of biblical translation; some reformation controversies and their background. Cambridge '55 p213-14
- Thompson, B. Bucer study since 1918. Church Hist 25:63-82 Mr '56
- Tillmanns, Walter G. World and men around Luther. Augsburg '59 p347-50
- Williams, G. H. Studies in the radical reformation (1517-1618) a bibliog. survey of research since 1939. Church Hist 27:67-9, 124-60 Mr-Je '58
- See also
- Calvinism
- Counter-Reformation
- Lutheran church
- Peasants' war, 1524-1525
- Protestant churches
- Protestantism
- Trent, Council of, 1545-1563
- Waldenses
- History
- Zeitschriftenschau. See numbers of Archiv für reformationsgeschichte

REFORMATION—Continued

England

- Ridley, Jasper Godwin, Nicholas Ridley; a biography. Longmans '57 p420-5
 Thompson, Craig Ringwalt. English church in the sixteenth century. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-18 annot

Germany

- Hitchcock, William R. Background of the Knights' revolt, 1522-1523. (Calif. Univ. Pubs. in history, v61) Univ. of Calif. press '58 p 127-8 annot
 Smirin, M. M. Die volksreformation des Thomas Münzer und der grosse Bauernkrieg (übers. von Hans Nichtweiss. 2d rev & enl ed) Dietz '56 p649-53

REFORMATORIES

See also

- Juvenile detention homes

REFORMED church

See also

- Arminians

REFRACTION of the eye. See Eye—Accommodation and refraction

REFRACTORY materials

- Letort, Yves. Produits réfractaires et isolants: nature, fabrication, utilisation. Essais des produits réfractaires et isolants, par Louise Halm. (Les cahiers du Cessid) Centre d'études supérieures de la sidérurgie '53 p 105-7 (1st group) p53-4 (2d group)
 Pugh, J. W. Refractory metals: tungsten, tantalum, columbium, and rhenium. J Metals 10:339 My '58
 Refractories bibliography. 1947-56. Univ. of Okla. press '59 1822p
 South Australia. Geological survey. Department of mines. Refractory minerals (excluding magnesite, talc, clay, tripoli dolomite and sands) (Abstract bul. no7) The department '56 2p annot

REFRIGERATION and refrigerating machinery

- American society of refrigerating engineers. Air conditioning refrigerating data book; applications volume. 5th ed The society '55 incl bibliog
 Hall, C. W. Open refrigerated display cases. J Milk & Food Tech 17:255 Ag '54
 Jordan, Richard Charles, and Priester, Gayle B. Refrigeration and air conditioning. 2d ed. Prentice-Hall '56 incl bibliog
 Severns, William Harrison, and Fellows, Julian Robert. Air conditioning and refrigeration. Wiley '58 incl bibliog
 Stoecker, W. F. Refrigeration and air conditioning. (McGraw-Hill ser. in mechanical engineering) McGraw '58 incl bibliog
 Wessel, E. T. Refrigeration techniques and apparatus for very low temperatures (to 4.2 K) Refrig Eng 65:45 O '57
 See also
 Cooling towers

REFUGEES

- Dissertationen zur problematik des böhmisch-mährischen raumes. (Schriftenreihe, no 1) Sudetendeutsches archiv '5-? 1v
 Institut zur förderung öffentlicher angelegenheiten, Frankfurt am Main. Europa und die deutschen flüchtlinge; mit beiträgen von Gabriele Wülker [et al] mit einer bibliog. der flüchtlingsliteratur von Werner Möhring. (Wissenschaftliche schriftenreihe, v 11) The institute '62 p 109-35
 Murphy, Henry Brian Meggett, ed. Flight and resettlement, by Eduard Bakis [and others] foreword by J. R. Rees. (Population and culture, 2) UNESCO '55 p215-21
 Proudfoot, Malcolm Jarvis. European refugees: 1939-52; a study in forced population movement. (Northwestern univ. studies in the social sciences, no 10) Northwestern univ. press '56 p471-85
 Sebba, Gregor. Displaced persons in Georgia; rep. to the Georgia displaced persons committee. The author '54 p286-93
 Stoessinger, John George. Refugee and the world community. Univ. of Minn. press '56 p227-33
 Sutro, Nettie. Jugend auf der flucht, 1933-1948; fünfzehn jahre im spiegel des Schweizer hilfswerks für emigrantenkinder; mit einem vorwort von Albert Schweitzer. Europa verlag '52 p281-6

- Vernant, Jacques. Refugee in the post-war world. Yale univ. press '51 p785-94
 —Same with title: Les réfugiés dans l'après-guerre; préf. par G. J. van Heuven Goedhart. Editions du Rocher '54 p857-74

See also

- Asylum, Right of
 International refugee organization

REFUSE and refuse disposal

- American public works association. Committee on refuse collection. Refuse collection practice. 2d ed The association '58 p541-8
 Bauman, Emanuel R. and others. Survival of swine disease organisms in the heat treatment of garbage. (Bul. 179) Iowa engineering experiment station, Iowa state college '57 p 110-14
 United States. Public health service. Refuse collection and disposal for the small community. The service '53 p20-2
 United States. Public health service. Division of sanitary engineering services. Refuse collecting and disposal; an annot. bibliog. 1956-1957. (Public health bibliog. ser. no4, supC; Pub. no91) U.S. Gov. ptg. office '58 43p
 See also
 Radioactive waste disposal
 Salvage (waste, etc)
 Sewage disposal
 Trade waste
 Waste products
 Water pollution

REFUSE incinerators

- Skipworth, D. W. and others. Design of domestic gas-fired incinerators for elimination of smoke, odors, and fly ash. (Research bul. 78) Am. gas assn. laboratories '58 p83-4

REGENERATION (biology)

- Edds, M. V. Collateral regeneration in partially reinnervated muscles of the rat. J Exp Zool 129:242-3 Jl '55
 Goodchild, C. G. Reconstitution of the intestinal tract in the adult leopard frog, rana pipiens Schreber. J Exp Zool 131:319-20 Ap '56
 Goss, R. J. and Stagg, M. W. Regeneration of fins and fin rays in fundulus heteroclitus. J Exp Zool 136:502-3 D '57
 Hess, A. Reactions of mammalian fetal spinal cord, spinal ganglia, and brain to injury. J Exp Zool 132:373-4 Jl '56
 Kamrin, R. P. and Singer, M. Influence of the spinal cord in regeneration of the tail of the lizard, anolis carolinensis. J Exp Zool 128:621-2 Ap '55
 Martinovitch, P. N. Infantile rat adrenal transplanted into the anterior eye chamber of adrenalectomized hosts after cultivation in vitro. J Exp Zool 129:119-20 Je '55
 Overton, J. Mitotic response of regenerating amphibian fin to feeding and grafting. J Exp Zool 136:285-6 N '57
 Pedersen, K. J. On the oxygen consumption of planaria vitta during starvation, the early phase of regeneration and asexual reproduction. J Exp Zool 131:134-5 F '56
 Piatt, J. Regeneration of the spinal cord in the salamander. J Exp Zool 129:196-8 Je '55
 Reyer, R. W. Lens regeneration from homoplastic and heteroplastic implants of dorsal iris into the eye chamber of triturus viridescens and ambystoma punctatum. J Exp Zool 133:181-3 O '56
 Reyer, R. W. and Stone, L. S. Reinvestigation of lens regeneration in salamandra salamandra. J Exp Zool 129:282-4 Jl '55
 Ruben, L. N. Effects of implanting anuran cancer into non-regenerating and regenerating larval urodele limbs. J Exp Zool 128:46-7 F '55
 Scheuing, M. R. and Singer, M. Effects of microquantities of beryllium ion on the regenerating forelimb of the adult newt, triturus. J Exp Zool 136:322-3 N '57
 Schmidt, A. J. Forelimb regeneration of thyroidectomized adult newts. J Exp Zool 137:224-6; 139:125-7 Mr, O '58
 Sebastian, V. O. Regeneration and growth of mutilated pieces of the colony of polyclinum indicum. Madras Univ J secB 26:490-2 D '56
 Singer, M. Induction of regeneration of the forelimb of the postmetamorphic frog by augmentation of the nerve supply. J Exp Zool 126:458-63 Ag '54

REGENERATION (biology)—Continued

- Symposium on regeneration in vertebrates. Brown university, 1956. Regeneration in vertebrates; ed. by Charles S. Thornton. (Developmental biology conference ser. 1956) Univ. of Chicago press '59 p99-108
- Thornton, C. S. Inhibition of limb regeneration in urodele larvae by localized irradiation with ultraviolet light. *J Exp Zool* 137: 174-5 F '58
- Thornton, C. S. Relation of epidermal innervation to limb regeneration in amblystoma larvae. *J Exp Zool* 127:595-7 D '54
- Windle, William Frederick, ed. Regeneration in the central nervous system, by 33 contributors; foreword by Pearce Bailey. Thomas '56 p273-98

REGENERATION (botany)

- Mirams, R. V. Aspects of the natural regeneration of the Kauri (*agathis australis* Salisb.) *Roy Soc N Z Trans* 84:679-80 Ag '57
- Truscott, F. H. On the regeneration of new shoots from isolated dodder haustoria. *Am J Bot* 45:176-7 Mr '58

REGENSBURG**History**

- Neuerscheinungen zur geschichte Regensburgs und der Oberpfalz. Hist Verein Oberpfalz & Regensburg Verh 93:313-18; 94:177-86; 95: 245-66; 96:457-78; 97:421-37; 98:309-27 '52-59

REGIONAL organization. See International organization—Regional organization

REGIONAL planning

- American institute of planners. California chapter. Southern section. Planning research committee. Local planning research; sel. sources of information for California. (Rep. for 1955-1956; Calif. Univ. Univ. at Los Angeles. Bur. of gov. research. Bibliog. pubs, no2) The committee '56 95p

Aronovici, Carol. Community building; science, technique, art. Doubleday '56 p322-40 annot

Bogotá. Inter-American housing center. Proyecto Sogomoso—Paz de Río; ensayo de una metodología. (Trabajos de clase, no 1) Servicio de intercambio científico. Centro interamericano de vivienda '56 p209-11

Dahir, James. Region building; community development lessons from the Tennessee valley. Harper '55 p 177-202

France. Service de l'aménagement national. Bibliographie de l'aménagement du territoire national et régional. The service '58 179p

Friedman, John R. P. Spatial structure of economic development in the Tennessee valley; a study in regional planning. (Program of education and research in planning. Research paper no 1; Dept. of geography. Research paper no39) Univ. of Chicago '55 p 178-87

Institut für raumforschung. Bibliographischer index, 1951[-1953] The institute '51-'57 4v

Marx, Herbert L. ed. Community planning. (Reference shelf, v28, no4) Wilson '56 p 198-207

Planning bookshelf. Lib. Regional plan assn. See numbers

See also
City planning
Land utilization
Metropolitan districts
Tennessee Valley authority

REGIONALISM

Yakemchouk, Romain. L'O.N.U.: la sécurité régionale et le problème du régionalisme. (Louvain. Univ. catholique. Ecole des sciences politiques ed sociales. Coll. no 150) Pedone '55 p276-97

See also

International organization—Regional organization

REGISTRARS**Colleges and universities**

Harbert, Sylvia Dean. College registrar as a career. (Vocational and professional monographs, no 103) Bellman '59 p 18-20

REGRESSION (statistics)

Weinstein, A. S. Alternative definitions of the serial correlation coefficient in short autoregressive sequences. *Am Stat Assn J* 53:891-2 D '58

Whitney, R. R. and Carlander, K. D. Interpretation of body-scale regression for computing body length of fish. *J Wildlife Mgt* 20:26-7 Ja '56

REGULATION of atomic energy. See Atomic power—Law and legislation

REGULATION of trade. See Trade regulation

REHABILITATION

Albert, Wolfgang. Lösung des schwerbeschädigtenproblems durch arbeit; betrachtungen und untersuchungen zur resozialisierung körperbehinderter. (Sozialpolitische schriften, no3) Duncker & Humblot '56 p222-9

Bibliography on the rehabilitation of the handicapped. *Int Social Serv R* no2:61-76 Mr '57

Brünn, Universita. Knihovna. Rehabilitace; soupis článků a publikací o rehabilitaci v československé literatuře let 1945-1956; sest. Ludmila Kulíková. (Výběrový seznam, 20) The library '57 60p

Graham, Earl C. and Mullen, Marjorie M. Rehabilitation literature, 1950-1955; a bibliog. review of the medical care, education, employment, welfare, and psychology of handicapped children and adults. Blakiston '56 621p

Jensen, Deborah (MacLurg) ed. Principles and technics of rehabilitation nursing, by Florence Jones Terry [and others] Mosby '57 incl bibliog

Kir-Stimon, W. Follow-up study of counseling with anxiety neurotics. *Personnel & Guid* 34:480 Ap '56

National society for crippled children and adults. Library. Rehabilitation literature. The society. See numbers

Neuschütz, Louise (Morgenstern). Vocational rehabilitation for the physically handicapped; forewords by Winthrop M. Phelps and K. Vernon Banta. Thomas '59 incl bibliog

Rusk, Howard A. and others. Rehabilitation medicine; a textbk. on physical medicine and rehabilitation; with the editorial assistance of Eugene J. Taylor. Mosby '58 incl bibliog

REHABILITATION centers

Jacobs, Abraham, and Weingold, Joseph T. Sheltered workshop; a community rehabilitation resource for the mentally retarded. Teachers college '58 p 101-5

Rehabilitation institute of Montreal. Rehabilitation centre [bvl] G. Gingras [and others] foreword by Howard A. Rusk. 2d ed (Educational ser. on physical medicine and rehabilitation, no5) The institute '56 p30-1

Salmon, F. Cuthbert, and Salmon, Christine F. Rehabilitation center planning; an architectural guide. Pa. state univ. press '59 p 162-4

REICHARD, Gladys Armanda, 1893-1955

Smith, M. W. Gladys Armanda Reichard. *Am Anthropol* 58:915-16 O '56

REID, Whitelaw, 1837-1912

United States. Library of Congress. Manuscript division. Whitelaw Reid; a register of his papers in the Library. The division '58 62p

REINDEER

Herre, Wolf. Das ren als haustier; eine zoologische monographie. Akademische verlagsgesellschaft '55 p319-24

Llano, G. A. Utilization of lichens in the Arctic and Subarctic. *Econ Bot* 10:390-2 O '56

REINFORCEMENT (psychology) See Facilitation (psychology)

REINGESTION. See Coprophagy

REISSIG, Julio Herrera y. See Herrera y Reissig, J.

RELATIVITY (physics)

Hlavatý, Václav. Geometry of Einstein's unified field theory. Noordhoff '58? p317-38

Pantaleo, Mario, ed. Cinquant'anni di relatività, 1905-1955; le memorie fondamentali di Albert Einstein e il valore delle teorie relativistiche sotto l'aspetto fisico, matematico, astronomico e filosofico, negli scritti originali di eminenti scienziati italiani; pref. di Albert Einstein. Editrice universitaria '55 p613-23

Tonnellat, Marie Antoinette. La théorie du champ unifié d'Einstein et quelques-uns de ses développements; préf. d'André Lichnerowicz. (Les grands problèmes des sciences, 4) Gauthier-Villars '55 p 145-51

RELATIVITY (physics)—Continued

Törnebohm, Håkan. Logical analysis of the theory of relativity. Almqvist '52 p260-6

See also

Quantum theory
Space and time

RELAXATION

Gutwirth, Samuel W. How to free yourself from nervous tension; an exact, scientific method for relaxing body and mind. Regnery '55 p 183-8

Gutwirth, Samuel W. How to sleep well; the cultivation of natural rest. Vantage '59 p94-5

Gutwirth, Samuel W. You can stop worrying; a practical method for quieting the mind. Regnery '57 p 103-7

RELAXATION methods (mathematics)

Shaw, Frederick S. Introduction to relaxation methods. Dover '53 p376-84

RELAYS

Electromagnetic relays, 1957-59; bibliography. Electronic Ind 18:253+ Je '59

Mason, Charles Russell. Art and science of protective relaying. (General electric ser) Wiley '56 incl bibliog

RELIEF work

See also

Social work

RELIGION

American theological library association. Index to religious periodical literature; an author and subject index to periodical literature, 1953-1954[-1958] The association '56-'59 3v

1955-1956 not yet published

Among the periodicals. See numbers of Review of religion

Diehl, Katharine Smith. Religions, mythologies, folklores; an annot. bibliography. Scarecrow '56 315p

Eliade, Mircea. Sacred and the profane; the nature of religion; tr. from the French by Willard R. Trask. Harcourt '59 p234-43

Hackman, George Gottlob, and others. Religion in modern life. Macmillan '57 p455-69

Hoyles, James Arthur. Religion in prison. Philosophical lib. '55 p 145-6

Notices bibliographiques. See numbers of

Revue des sciences philosophiques et théologiques

Recension des revues. See numbers of Revue des sciences philosophiques et théologiques

Recensions bibliographiques. See numbers of

Mélanges de science religieuse

Religion in current magazines. See numbers of

Religious education

Southern conference on gerontology. Organized religion and the elder person; a rep. on the 8th annual Conference, held at the Univ. of Fla. Apr. 10-11, 1958; ed. by Delton L. Scudder [bibliog. by Margaret E. Knox] (Fla. Univ. Inst. of gerontology ser. v8) Univ. of Fla. press '58 p 111-13

Spis bibliograficzny wydawnictw religijnych w Polsce w latach 1945 do 1955. Ars christiana '56 159p

Thèses de doctorat concernant les sciences philosophiques et théologiques soutenues en France pendant l'année 1953[-1958] R Sci Philos & Théol 38:381-3; 39:173-5; 40:386-8; 41:370-3; 42:371-4; 43:564-8 Ap '54, Ja '55, Ap '56, Ap '57, Ap '58, Ji '59

See also

Christianity

Church

Colleges and universities—Religious life and

activities

Communism and religion

Faith

God

Mysticism

Mythology

Natural theology

Positivism

Psychology, Religious

Revelation

Superstition

Theology

Worship

Philosophy

Butler, James Donald. Four philosophies and their practice in education and religion. rev ed Harper '57 p585-98

Elliott-Binns, Leonard Elliott. English thought, 1860-1900; the theological aspect. Seabury '56 p377-80

Geoghegan, William Davidson. Platonism in recent religious thought. Columbia univ. press '58 p 177-93

Horosz, W. Recent literature in the philosophy of religion. Philos & Phen Res 18: 388-99 Mr '58

Hutchison, John Alexander. Faith, reason, and existence; an introd. to contemporary philosophy of religion. Oxford '56 p299-300

MacGregor, Geddes. Introduction to religious philosophy. Houghton '59 p341-57

Miller, Oscar W. Thunder on the left: some religio-philosophical essays. Philosophical lib. '59 p88-90

Patterson, Robert Leet. Introduction to the philosophy of religion. Holt '58 p333-4

Zuurdeeg, Willem Frederick. Analytical philosophy of religion. Abingdon '58 p309-15

Study and teaching

Nichols, James A. Religion. (Vocational and professional monographs, no 18) Bellman '55 p21-4

RELIGION, Primitive

James, Edwin Oliver. Prehistoric religion; a study in prehistoric archaeology. (Bks. that matter) Praeger '57 p285-90

Maringer, Johannes. Vorgeschichtliche religion; religionen im steinzeitlichen Europa. Benziger '56 p316-21

See also

Demonology

Indians of North America—Religion and mythology

Indians of South America—Religion and mythology

Superstition

Taboo

RELIGION and education. See Church and education

RELIGION and geography

Planhol, Xavier de. World of Islam. Le monde islamique; essai de géographie religieuse. Cornell univ. press '59 p 129-42

annot

RELIGION and literature

Abrams, Meyer Howard, ed. Literature and belief. (English inst. Essays, 1957) Columbia univ. press '58 p 167-71

Scott, Nathan A. Modern literature and the religious frontier. Harper '58 p 129-34

RELIGION and medicine. See Medicine and religion

RELIGION and psychiatry

Braceland, Francis James, ed. Faith, reason, and modern psychiatry; sources for a synthesis. Kenedy '55 incl bibliog

Linn, Louis, and Schwarz, Leo Walder. Psychiatry and religious experience. Random house '58 p281-97

RELIGION and science

Burke, A. Annotated bibliography of papal pronouncements on science. (In Franciscan educational conference. Nature, the mirror of God; rep. of the 36th annual meeting of the Conference, St Anthony-on-the-Hudson, Rensselaer, N.Y., Aug. 16-19, 1955. (V36) The conference '56 incl bibliog)

Lever, Jan. Creation and evolution; tr. from the Dutch by Peter G. Berkhout. Grand Rapids int. pubs. '58 p233-8

McLaughlin, Patrick J. Church and modern science. Philosophical lib. '57 p361-6

Mascall, Eric Lionel. Christian theology and natural science; some questions on their relations. (Bampton lectures, 1956) Ronald '56 p319-23

Powell, Arthur Edward. Nature of man; a synthesis of science and religion. Vantage '57 p283-8

Wang, Ch'ung-yu, comp. Old age, afterlife, and the spirit; an anthology of great thoughts. Vantage '58 p 152-7

Westfall, Richard Samuel. Science and religion in seventeenth-century England. (Yale historical pubs. misc. 67) Yale univ. press '58 p221-8

annot

See also

Creation

Man—Origin and antiquity

Natural theology

RELIGION and sex. See Sex and religion

RELIGION and sociology

Bulletin bibliographique. See numbers of Archives de sociologie des religions

Hoult, Thomas Ford. Sociology of religion. (Dryden press sociology pubs) Dryden '58 incl bibliog

Ossowski, S. Sociologie des religions en Pologne. Archives Sociol Relig 1:113-15 Ji '56

RELIGION and sociology—Continued

- Poulat, E. Thèses et mémoires présentés en France de 1940 à 1954 et touchant à la sociologie des religions. Archives Sociol Relig 1:159-71 Ja '56
- Susato, S. Note sur la sociologie religieuse au Japon. Archives Sociol Relig 1:108-10 Ji '56
- Yinger, John Milton. Religion, society, and the individual; an introd. to the sociology of religion. Macmillan '57 p613-41
- Yinger, J. M. Influence of anthropology on sociological theories of religion. Am Anthropol 60:495-6 Je '58

See also

Sociology, Christian

RELIGION in literature

- Fairchild, Hoxie Neale. Religious trends in English poetry; v4, 1830-1880, Christianity and romanticism in the Victorian era. Columbia univ. press '57 p563-77
- Wheeler, B. M. Religious themes in contemporary literature; an introd. bibliography. J Bible & Rel 27:50-6 Ja '59

See also

Religion and literature

RELIGION in the public schools. See Public schools and religion**RELIGIONS**

- Among the periodicals. See numbers of Review of religion
- Ashby, Philip H. Conflict of religions. Scribner '55 p219-20
- Burt, Edwin Arthur. Man seeks the divine; a study in the history and comparison of religions. Harper '57 p541-6
- Eliade, Mircea. Patterns in comparative religion; tr. by Rosemary Sheed. Sheed '58 incl bibliog
- Same; with title: Tratado de historia de las religiones; tr. de A. Madinaveitia. (Biblioteca de cuestiones actuales) Inst. de estudios políticos '54 incl bibliog
- Gundry, Dudley William. Religions; a prelim. historical and theological study. St Martins '58 p 178-82
- Hume, Robert Ernest. World's living religions; with special reference to their sacred scriptures and in comparison with Christianity; an historical sketch. completely rev ed Scribner '59 p291-311
- International bibliography of the history of religions, 1952[-1955] (V 1-4) Brill '54-'59 4v
- James, Edwin Oliver. Comparative study of religions of the East (excluding Christianity and Judaism) (Reader's guide, 3d ser, 5) Nat. bk. league '59 32p annot
- James, Edwin Oliver. History of religions. Harper '58 incl bibliog
- James, Edwin Oliver. Myth and ritual in the ancient Near East; an archeological and documentary study. Praeger '58 p338-45
- Johnson, Mary Parker. Shortest path to heaven; a bk. dealing with the principal religions of the world and the chief religious cults and sects in the U.S.A. Exposition '59 p201-3
- Lewis, John. Religions of the world made simple. Made simple bks. '58 incl bibliog
- May, L. C. Survey of glossolalia and related phenomena in non-Christian religions. Am Anthropol 58:92-6 F '56
- Neumann, Erich. Great mother; an analysis of the archetype; tr. from the German by Ralph Manheim. (Bollingen ser, 47) Pantheon bks. '55 p339-52
- Noss, John Boyer. Man's religions. rev ed Macmillan '56 incl bibliog
- Oboler, E. M. Religion today—a selected list. Lib J 84:2424-30 S 1 '59 annot
- Spiegelberg, Frederic. Living religions of the world. Prentice-Hall '56 p487-98
- Wach, Joachim. Comparative study of religions; ed. with an introd. by Joseph M. Kitagawa. (Am. council of learned societies. Lectures on the history of religions, new ser, no4) Columbia univ. press '58 p 195-221

See also

Baháism

Buddha and Buddhism

Christianity

Confucius and Confucianism

Judaism

Lamaism

Mohammedanism

Mormons and Mormonism

Mythology

Protestantism

Sects

Shinto

Spiritualism

Zoroastrianism

History

- Cornélis, H. Bulletin d'histoire des religions. R Sci Philos & Théol 41:641-62; 42:287-323 O '57, Ap '58
- Turchi, Nicola. Storia delle religioni. Sansoni '54 2v incl bibliog

RELIGIOUS art. See Christian art and symbolism; Idols and images**RELIGIOUS belief. See Faith****RELIGIOUS ceremonies. See Rites and ceremonies****RELIGIOUS drama**

- Enterline, Mildred (Hahn). Best plays for the church. rev ed Christian education press '52 64p annot
- Moseley, Joseph Edward. Using drama in the church. rev ed Bethany '55 p66-92 annot
- National council of the churches of Christ in the U.S.A. Department of worship and the arts. Committee of the commission of drama. Plays for the church, 1957. The council '57 40p annot

See also

Miracle, morality and mystery plays

Passion plays

History and criticism

- Craig, Hardin. English religious drama of the middle ages. Oxford '55 p390-401

RELIGIOUS education

- Abstracts of doctoral dissertations in religious education, 1953-1954-1958-1959] Relig Educ 50:167-91; 51:179-206; 52:179-203; 53:249-84; 54:269-300, 435-65 My '55, My '56, My '57, My '58, My '59
- American association of colleges for teacher education. Teacher education and religion project, 1953-1958; final report. The association '58 p21-4
- Cornell, Alice Edson. Teaching junior highs. Judson press '59 incl bibliog
- Cully, Iris V. Dynamics of Christian education. Westminster press '58 p 179-87
- Cummings, Oliver DeWolf. Youth fellowship; a vital church program for youth. (Cooperative ser. leadership training texts) Judson press '56 p 188-92
- Forsyth, Nathaniel Frederick, ed. Minister and Christian nurture. Abingdon '57 incl bibliog
- Harris, Jane Bowerman. When we teach juniors; a junior guidance manual. Board of Christian education, Presbyterian church in the U.S.A. '57 incl bibliog
- Haynes, Marjorie. When we teach primary children; a primary guidance manual. Board of Christian education, Presbyterian church in the U.S.A. '57 incl bibliog
- Institute of Christian education at home and overseas. Bibliography for the use of teachers of religious knowledge. 4th rev ed Religious education press '54 56p
- Same. 5th rev ed '59 63p
- Michigan. Western Michigan college, Kalamazoo. Focus on religion in teacher education; essays written for the Teacher education and religion project. Am. assn. of colleges for teacher education '55 p80-7
- National council of the churches of Christ in the United States of America. Special committee on the curriculum guide. Guide for curriculum in Christian education. The committee '55 p 144-50
- Politella, Joseph. Religion in education; an annot. bibliography. Am. assn. of colleges for teacher education '56 90p
- Price, John Milburn, and others. Survey of religious education. 2d ed Ronald '59 incl bibliog
- Reed, William Wellington. Teaching the church's children; a handbk. for teachers and parents. Morehouse '58 p 173-5
- Sebaly, Avis Leo, ed. Teacher education and religion. Am. assn. of colleges for teacher education '59 p245-84
- Society for promoting Christian knowledge. Christian education in home and school; a complete, graded catalogue of books and visual aids for religious instruction. The society '58 132p
- Tobey, Kathrene McLandress. When we teach kindergarten children; a kindergarten guidance manual. Board of Christian education, Presbyterian church in the U.S.A. '57 incl bibliog

RELIGIOUS education—Continued

Wyckoff, Dewitte Campbell, Task of Christian education. Westminster press '55 p 171-2 annot

See also

Bible study

Catholic church—Education

Church schools

Public schools and religion

RELIGIOUS education of adults

Workshop on the Christian education of adults, University of Pittsburgh, 1958. Future course of Christian adult education; sel. addresses and papers [bibliog. by Lawrence C. Little] Univ. of Pittsburgh press '59 p309-22

RELIGIOUS history. See Church history**RELIGIOUS liberty**

Cunninggim, Merrimon. Freedom's holy light. Harper '55 p 165-88

Lecler, Joseph. Histoire de la tolérance au siècle de la réforme. (Théologie, 31) Aubier '55 2v v 1, p 11-39

Svärd, Lydia. Väckelserörelsernas folk i Andra kammaren, 1867-1911; frikyrkliga och lågkyrkliga insatser i svensk politik. Missionsförbundets förlag '54 p339-51

See also

Church and state

RELIGIOUS literature

Religious books, 1955-1956[-1956-1957] Lib J 81:1853-8; 82:1967-72 S 1 '56, S 1 '57 annot

See also

Catholic literature

Religious drama

Religious poetry

RELIGIOUS music. See Church music**RELIGIOUS newspapers and periodicals**

Stroupe, Henry Smith. Religious press in the south Atlantic states, 1802-1865; an annot. bibliog. with historical introd. and notes. (Trinity college historical soc. Historical papers, ser 32) Duke univ. press '56 172p

See also

Catholic church—Newspapers

Catholic church—Periodicals

RELIGIOUS orders

Duval, A. and Walty, N. Bulletin d'histoire des institutions chrétiennes. R Sci & Théol 41:301-69 Ap '57

Gautier, Jean, and others. La spiritualité catholique. Le Rameau '53 p287-96

Kapsner, Oliver Leonard. Catholic religious orders; listing conventional and full names in English, foreign language, and Latin, also abbreviations, date and country of origin and founders. 2d ed enl St John's abbey press '57 p xxvii-xxxvii

Knowles, David. Religious orders in England; v2. End of the middle ages. Cambridge '55 p376-88

McGrath, Robert Eamon. Local superior in non-exempt clerical congregations; a historical conspectus and a commentary. (Catholic univ. of Am. Canon law studies, no351) Catholic univ. of Am. press '54 p 112-18

See also

Augustinians

Benedictines

Carmelites

Franciscans

Holy Ghost fathers

Jesuits

Monasticism

Order of the Visitation

Retreats

Secular institutes

Servites

Ursulines

Vocation (in religious orders, congregations, etc)

RELIGIOUS periodicals. See Religious newspapers and periodicals**RELIGIOUS poetry**

History and criticism

Raby, Frederic James Edward. History of Christian-Latin poetry from the beginnings to the close of the middle ages. 2d ed Oxford '53 p461-89

RELIGIOUS psychology. See Psychology, Religious

RELIGIOUS vocation. See Vocation (in religious orders, congregations, etc)

REMARRIAGE

Winnett, Arthur Robert. Divorce and remarriage in Anglicanism. St Martins '58 p277-81

REMBRANDT Hermanszoon van Rijn, 1606-1669

Benesch, Otto. Rembrandt; biographisch-kritische studie. (Geschmack unserer zeit, v22) Skira '57 p 137-41

—Same; with title: Rembrandt [biographical and critical study; tr. from the German by James Emmons] (Taste of our time, v22) Skira '57 p 137-41

Rembrandt Hermanszoon van Rijn. Drawings; a critical and chronological catalogue by Otto Benesch; v 1, The Leiden years, the early Amsterdam period, 1625-1640. Phaidon '54 p xv-xviii

Ripley, Elizabeth. Rembrandt. Oxford '55 p71

REMEDIAL reading. See Reading—Remedial teaching**REMEMBERING.** See Recall (psychology)**REMOTE control**

See also

Photoelectric cells

Radio control

RENAISSANCE

Baron, Hans. Crisis of the early Italian renaissance; civic humanism and republican liberty in an age of classicism and tyranny. Princeton univ. press '55 2v incl bibliog

Baroway, I. Toward understanding Tudor-Jacobean Hebrew studies. Jew Social Stud 18:3-24 Ja '56

Catholic church. Pope, 1458-1464 (Pius II). Commentaries; bks. X-XIII; tr. by Florence Alden Gragg; introd. and historical notes by Leona C. Gabel. (Studies in history, v43) Smith college '57 p861-8

Chabod, Federico. Machiavelli & the renaissance; tr. from the Italian by David Moore; with an introd. by A. P. d'Entreves. Harvard univ. press '58 p201-47 annot

Dannenfeldt, Karl H. ed. Renaissance; medieval or modern? with an introduction. (Problems in European civilization) Heath '59 p 113-15 annot

Goukowsky, M. La renaissance italienne dans les travaux des historiens de l'U.R.S.S. [1945-1955] Bibl Humanisme & Renaissance 18:306-15 My '56

Literature of the renaissance in 1954[-1958] Stud Philol 52:213-432; 53:239-427; 54:185-386; 55:219-422; 56:227-425 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59

Nugent, Elizabeth M. ed. Thought & culture of the English renaissance; an anthology of Tudor prose, 1481-1555; introd. by Douglas Bush [and others] Cambridge '56 p691-8

Peery, William Wallace, ed. Studies in the renaissance. (Renaissance soc. of Am. Pubs, v 1) Univ. of Tex. press '54 p 159-79

Renaissance books. See numbers of Renaissance news

See also

Art. Renaissance

Literature. Medieval

Music—History and criticism—16th-17th centuries

RENAL diseases. See Kidneys—Diseases**RENAN, Ernest, 1823-1892**

Chadbourne, Richard McClain. Ernest Renan as an essayist. Cornell univ. press '57 p238-53

Galand, René M. L'âme celtique de Renan. Yale univ. press '59 p239-51

RENÉ-MORENO, Gabriel, 1836-1908

René-Moreno, Gabriel. Anales de la prensa boliviana: Matanzas de Yañez. 2d ed Editorial Potosí '54 p431-4

RENGERS, Theodorus van Welderen, baron, 1867-1945

Wiersma, Jacobus Pieter. Th. M. Th. van Welderen, baron Rengers, een groot Nederlander. Nijhoff '55 p241-3

RENNIN

Ernstrom, C. A. Heterogeneity of crystalline rennin. J Dairy Sci 41:1669-70 D '58

RENOIR, Auguste, 1841-1919

Schneider, Bruno F. Renoir [tr. by Desmond and Camille Clayton] Crown '58 p93-4

REPARATIONS (European war, 1914-1918) See European war, 1914-1918—Reparations

REPARATIONS (World war, 1939-1945) See World war, 1939-1945—Reparations

REPELLENTS

Hildreth, Aubrey Clare, and Brown, Gerald B. Repellents to protect trees and shrubs from damage by rabbits. (U.S. Dept. of agriculture. Technical bul. no 1134) U.S. Gov. ptg. office '55 p21-5

REPENTANCE

Spykman, Gordon J. Attrition and contrition at the Council of Trent. Kok '55 p259-70

REPORT writing

Annual reports; a sel. bibliog. on content and preparation. News Notes Calif Lib 50:365-9 Ap '55 annor

Brown, Leland. Effective business report writing. Prentice-Hall '55 incl bibliog

Douglas, Paul. Communication through reports. Prentice-Hall '57 incl bibliog

Workshop on the production and use of technical reports. Catholic university of America. 1953. Production and use of technical reports; the proceedings of the workshop on the production and use of technical reports, conducted at the University from April 13 to April 18, 1953; ed. by Bernard M. Fry and James J. Kortendick. Catholic univ. press '55 incl bibliog

REPRESENTATION, Proportional. See Proportional representation

REPRESENTATIVE government and representation

See also

Democracy

Elections

Legislative bodies

Proportional representation

REPRESSION (psychology)

See also

Conflict (psychology)

REPRINTS. See Bibliography—Reprints

REPRODUCTION

Barboriak, J. J. and others. Effect of partial pantothenic acid deficiency on reproductive performance of the rat. J Nutrition 63:598-9 D '57

Meyer, Arthur William. Human generation; conclusions of Burdach, Döllinger, and von Baer. Stanford univ. press '56 p 139-43

Michigan. State university of agriculture and applied science, East Lansing. College of veterinary medicine. Reproduction and infertility: physiology, anatomy, pathology, biochemistry; Michigan state univ. centennial symposium, 1855-1955, June 27-29, 1955, sponsored by the College [and] Agricultural experiment station. The university '55 incl bibliog

Nalbandov, Andrew Vladimír. Reproductive physiology; comparative reproductive physiology of domestic animals, laboratory animals, and man. (Ser. of college texts in agricultural science: Animal science) Freeman '58 incl bibliog

Velardo, Joseph Thomas ed. Endocrinology of reproduction. Oxford '58 incl bibliog

Velardo, Joseph Thomas, ed. Essentials of human reproduction; clinical aspects, normal and abnormal. Oxford '58 incl bibliog

See also

Bacteria—Reproduction

Birds—Reproduction

Cattle breeding

Embryology

Estruation

Fecundity

Fertilization (biology)

Fetus

Fishes—Reproduction

Insects—Reproduction

Menstruation

Mice—Reproduction

Mollusks—Reproduction

Ovaries

Ovulation

Plants—Reproduction

Pregnancy

Rodents—Reproduction

Sterility

REPRODUCTION, Asexual

See also

Apogamy

REPTILES

Bleakney, J. Sherman. Zoogeographical study of the amphibians and reptiles of eastern Canada. (Bul. no 155; Biological ser. no54) Nat. museum of Canada '58 p57-64

Bogert, Charles Mitchell, and Martín del Campo, Rafael. Gila monster and its allies; the relationships, habits, and behavior of the lizards of the family Helodermatidae. (Bul. v 109, article 1) Am. museum of natural history '56 p222-38

Dunn, A. M. Herpetological publications of Emmett Reid Dunn. (In Dunn, Emmett Reid. Contributions to the herpetology of Columbia, 1943-1946. Priv. ptd. M.T.D. '57 p275-83)

Gislén, Torsten, and Kauri, Hans. Zoogeography of the Swedish amphibians and reptiles; with notes on their growth and ecology. (Stockholm. Nordiska museet. Acta vertebratica, v 1, no3) Almqvist '59 p385-97

Logier, E. B. S. and Toner, G. C. Checklist of the amphibians and reptiles of Canada and Alaska. (Contributions, no41) Royal Ontario museum of zoology & paleontology '55 p76-88

Loveridge, Arthur, and Williams, Ernest Edward. Revision of the African tortoises and turtles of the suborder Cryptodira. (Bul. v 115, no6) Museum of comparative zoology, Harvard univ. '57 p503-41

Martof, Bernard Stephen. Amphibians and reptiles of Georgia; a guide. Univ. of Ga. press '56 p93-4

Neill, W. T. Occurrence of amphibians and reptiles in saltwater areas, and a bibliography. Bul Marine Sci Gulf & Carib 8:74-97 Mr '58

Norris, Kenneth Stafford. Evolution and systematics of the iguanid genus *Uma* and its relation to the evolution of other North American desert reptiles. (Bul. v 114, article 3) Am. museum of natural history '58 p320-6

Oliver, James Arthur. Natural history of North American amphibians and reptiles. (New il. naturalist) Van Nostrand '55 p333-4

Pope, Clifford Hillhouse. Reptile world; a natural history of the snakes, lizards, turtles, and crocodilians. Knopf '55 p322-5

Romer, Alfred Sherwood. Osteology of the reptiles. (Chicago. Univ. Com. on pubs. in biology and medicine. Pubs) Univ. of Chicago press '56 p711-36 annor

Smith, Hobart Muir. Handbook of amphibians and reptiles of Kansas. 2d ed (Misc. pub. no9) Museum of natural history, Univ. of Kan. '56 p330-43

Villiers, André. Tortues et crocodiles de l'Afrique noire française. (Initiations africaines, 15) Inst. français d'Afrique noire '58 p341-54

Zweifel, Richard George. Variation in and distribution of lizards of western Mexico related to *Cnemidophorus sacki*. (Bul. v 117, article 2) Am. museum of natural history '59 p 114-16

See also

Crocodyles

Lizards

Snakes

Turtles

Anatomy

Parsons, T. S. Nasal anatomy and the phylogeny of reptiles. Evolution 13:187 Je '59

Ecology

Clarke, Robert F. Ecological study of reptiles and amphibians in Osage county, Kansas. (Emporia state research studies, v7, no 1) Kan. state teachers college '58 p48-52

Woodbury, A. M. Uses of marking animals in ecological studies: marking amphibians and reptiles. Ecology 37:674 O '56

Embryology

See Embryology—Reptiles

REPTILES, Fossil

Camp, Charles Lewis, and Welles, Samuel Paul. Triassic dicynodont reptiles. (Calif. Univ. Memoirs, v 13, no4) Univ. of Calif. press '56 p339-41

Haughton, Sidney Henry, and Brink, A. S. Bibliographical list of reptilia from the Karoo beds of Africa. (Paleontologia africana, v2) Univ. of the Witwatersrand '54 187p

Langston, W. Sebecosuchia: cosmopolitan crocodilians? Am J Sci 254:613-14 O '56

RESCUE work

See also

Mine rescue work

RESEARCHBarzun, Jacques Martin, and Graff, Henry Franklin. *Modern researcher*. Harcourt '57 p355-67

Chicago, University. Industrial relations center. Industrial research and the professional employee, by E. Arlen. (Significant sources in management, organization, industrial relations, no3) The center '55 p53-139

Hillway, Tyrus. *Introduction to research*. Houghton '56 p273-6Hiscocks, E. S. *Laboratory administration*. Macmillan '56 p378-83Howard, George Wilberforce. *Common sense in research and development management*. Vantage '56 p93-102 annotPrinceton university. Industrial relations section. *Research organizations and research workers*. (Sel. references, no82) The section '58 4p annotSpain. Consejo superior de investigaciones científicas. *Servicio de documentación científica. La investigación científica en el mundo*. The service '53 p373-9Staveley, Ronald, ed. *Guide to unpublished research materials; lectures delivered at a vacation course of the Univ. of London school of librarianship and archives in Apr. 1956*. Lib. assn. '57 incl bibliogUnited States. Industrial college of the armed forces. *Research and development in government exclusive of the Department of defense*. The college '51 incl bibliogUnited States. Industrial college of the armed forces. *Research and development in universities and nonprofit institutions*. The college '51 incl bibliogUnited States. National science foundation. *Office of special studies. Selected bibliography of research and development and its impact on the economy*. The office '58 21p

See also

Aeronautic research
 Agricultural research
 Biochemical research
 Botanical research
 Cancer research
 Colleges and universities—Graduate work
 Economic research
 Educational research
 Experimental design
 Forestry research
 Historical research
 Industrial research
 Journalistic research
 Market research
 Medical research
 Meteorological research
 Military research
 Mining research
 Naval research
 Oceanographic research
 Operations research
 Paper research
 Petroleum research
 Physical research
 Psychiatric research
 Psychological research
 Public health research
 Social research
 Soil research
 Textile research
 Welding research

also subhead Research under the following headings

Arithmetic
 Crime and criminals
 Fisheries
 Home economics
 Industrial education
 Industrial relations
 Nutrition
 Physiology
 Social work

MethodologyWalker, H. M. *Methods of research*. R Educ Res 26:339-43 Je '56**RESEMBLANCE (psychology)** See Similarity (psychology)**RESERVATIONS, Indian.** See Indians of North America—Reservations**RESERVOIRS**

See also

Water storage

RESINOUS productsLee, Henry, and Neville, Kris. *Epoxy resins; their applications and technology*. McGraw '57 incl bibliogMartin, Robert W. *Chemistry of phenolic resins; the formation, structure, and reactions of phenolic resins and related products*. Wiley '56 incl bibliogMillar, J. R. *Some aspects of chelating and complexing resins*. Chem & Ind no20:609-12 My 18 '57Paquin, Alfred Max. *Epoxydverbindungen und epoxydharze; mit einem geleitwort von Pierre Castan. (Chemische technologie der kunststoffe in einzeldarstellungen)* Springer '58 incl bibliogSkeist, Irving, and Somerville, George R. *Epoxy resins. (Reinhold plastics applications ser)* Reinhold '58 p263-82Tall oil for resins. *Tappi* 38:110A-112A; 39: 128A-130A Ap '55, F '56

See also

Polyethylene

ToxicologyHine, C. H. and others. *Toxicology of epoxy resins*. AMA Archives Ind Health 17:143-4 F '58Wilson, R. H. and McCormick, W. E. *Plastics; the toxicology of synthetic resins*. Ind Med 24:495-6 N '55**RESINS, Synthetic.** See Resinous products**RESISTANCE movements** (World war, 1939-1945). See Anti-Nazi movement; Underground movements**RESISTANCE to drugs.** See Drugs. Resistance to**RESISTANCE welding.** See Electric welding**RESISTORS, Electric.** See Electric resistors**RESONANCE, Magnetic.** See Magnetic resonance**RESPIRATION**Boothby, Walter Meredith, ed. *Respiratory physiology in aviation*. USAF School of aviation medicine, Air univ. '54 incl bibliogReich, K. *Effect of cyanide and azide on the respiration of the amoeba mayorella palestinesis*. *Physiol Zool* 28:150-1 Ap '55Rossier, Paul Henri, and others. *Physiologie und pathophysiologie der atmung*. Springer '56 p268-328

See also

Bacteria—Respiration
 Insects—Respiration
 Oxygen consumption
 Plants—Respiration

DisordersHolmdahl, Martin H:son. *Pulmonary uptake of oxygen, acid-base metabolism, and circulation during prolonged apnoea* [English text rev. by Marcia Skogh] (Sup 212) *Acta chirurgica scandinavica* '56 128p**RESPIRATION, Artificial**Dönhardt, Axel. *Künstliche dauerbeatmung, ein beitrag zur klinik und therapie der atem- und kreislaufstörungen bei der polio-myelitis; mit einem vorwort von R. Aschenbrenner*. Springer '55 p 130-46**RESPIRATION of bacteria.** See Bacteria—Respiration**RESPIRATION of plants.** See Plants—Respiration**RESPIRATORY organs**Brattström, Sten. *Postoperative pulmonary ventilation with reference to postoperative pulmonary complications; a clinico-experimental investigation by chest-roentgenograms and pulmonary nitrogen elimination measurements performed in connection with high laparotomies under inhalation anesthesia; tr. by L. James Brown*. (Sup 195) *Acta chirurgica scandinavica* '54 p78-82Campbell, Edward James Moran. *Respiratory muscles and the mechanics of breathing*. Lloyd-Luke '58 p 120-8

RESPIRATORY organs—Continued

Honjin, R. On the ganglia and nerves of the lower respiratory tract of the mouse. *J Morphol* 95:281-2 S '54

Morrow, P. E. and others. Experimental study of aerosol deposition in human subjects. *AMA Archives Ind Health* 18:296-8 O '58

See also

Larynx
Lungs

Diseases

Anscombe, Anthony Rex. Pulmonary complications of abdominal surgery. *Lloyd-Luke* '57 p 110-16

Hilleman, M. R. Efficacy of and indications for use of adenovirus vaccine. *Am J Public Health* 48:157-8 F '58

Knowles, John H. Respiratory physiology and its clinical application. *Harvard univ. press* '59 p213-47

Naclerio, Emil A. ed. Bronchopulmonary diseases; basic aspects, diagnosis and treatment; foreword by Richard H. Overholt. *Harper* '57 incl bibliog

Turiaf, Jude. Comment traiter la grippe et les infections saisonnières. *Editions médicales Flammarion* '54 p85-92

See also

Asthma
Bronchitis
Cold (disease)
Influenza

REST

See also

Relaxation

RESTAURANTS, lunch rooms, etc.

Garfunkel, Louis X. Sandwich shops, drive-ins, and diners; how to start and operate them successfully. *Greenberg* '55 p253-4

RESTRAINT of trade

See also

Competition
Monopolies
Trusts, Industrial

RETAIL trade

Barker, Clare Wright, and Anderson, Ira Dennis. Principles of retailing. 3d ed [by the auths. and] J. Donald Butterworth. *McGraw* '56 incl bibliog

Brisco, Norris Arthur. Retailing; basic principles; 3d ed. by Pearce C. Kelly [and] Norris B. Brisco. (Prentice-Hall retailing ser) *Prentice-Hall* '57 p585-609

Chute, Aaron Hamilton. Selected and annotated bibliography of retailing. rev ed (Bibliog. ser. 5) *Bur. of business research, Univ. of Tex.* '57 87p

Cole, Robert Hartzell. Retail merchandising bookshelf; an annot. bibliog. of bks. pub. in the retailing field, 1945-1952. (Bul. no5) *Bur. of business management, Ill. Univ.* 19p

New York university. School of retailing. Research and publications division. 1,484 selected publications for retailers. The division '53 109p

—[Supplement] Retailing publications, 1952-1956. The division '57 49p

See also

Advertising
Purchasing
Salesmen and salesmanship

RETAINING walls

Huntington, Whitney Clark. Earth pressures and retaining walls. *Wiley* '57 p511-14

RETENTION (psychology)

Postman, Leo Joseph, and Rau, Lucy. Retention as a function of the method of measurement. (Calif. Univ. Pubs. in psychology, v8, no3) *Univ. of Calif. press* '57 p269-70

RETINA

Waterman, T. H. and Wiersma, C. A. G. Functional relation between retinal cells and optic nerve in limulus. *J Exp Zool* 126:83-5 Je '54

Zeidner, Joseph. Analysis of visual acuity forms during dark adaptation to various low brightness levels. *Catholic univ. of Am. press* '54 p75-8

See also

Color sense

RETIREMENT (from business, etc)

Friedmann, Eugene. Retirement; a new way of life; a guide to the later years. Extension div. *Univ. of Wis.* '56 p38-41 annot
Future indicative; bks. for retirement. *N Y Pub Lib Br Lib Bk News* 33:39-46 Ap '56 annot

Kish, Henriette. Questions older people ask. *Dutton* '55 p 143-56

Lobsenz, Norman Mitchell. Minister's complete guide to successful retirement. *Channel press* '55 p 188-92

Moore, Elton H. Nature of retirement; ed. by Gordon F. Streib. *Macmillan* '59 p203-7 annot

National committee on the aging. Preparation for retirement. (Current developments, v 1, no 1) *Nat. social welfare assembly* '58 p28-31

Pollak, Otto. Social aspects of retirement. (Pa. Univ. Wharton school of finance and commerce. Pension research council. Monograph ser) *Irwin* '56 p29-47

Southern conference on gerontology. Aging and retirement; a rep. on the 5th annual Conference held at the Univ. of Fla. Dec. 28-30, 1954; ed. by Irving L. Webber. (Fla. Univ. Inst. of gerontology ser, v6) *Univ. of Fla. press* '55 incl bibliog

RETREATS

Casteel, John Laurence. Renewal in retreats. *Assn. press* '59 p245-7 annot

REUBENI, David, ca 1490-1535

Birnbaum, E. David Reubeni's Indian origin. *Hist Judaica* 20:28-30 Ap '58

REUCHLIN, Johann, 1455-1522

Benzing, Joseph. Bibliographie der schriften Johannes Reuchlins im 15. und 16. Jahrhundert. (Bibliotheca bibliog. 18) *Krieg* '55 50p

REVEGETATION. See Plant succession**REVELATION**

Baillie, John. Idea of revelation in recent thought. (Bampton lectures in America, no7) *Columbia univ. press* '56 p 149-51

RÉVÉSZ, Géza, 1878-

Révész, Géza. Human hand; a psychological study; tr. by John Cohen. *Routledge* '58 p 135

Révész, Géza. Origins and prehistory of language; tr. from the German by J. Butler. *Philosophical lib.* '56 p231-3

REVITALIZATION movements. See Nativistic movements**REVIVALS**

Edwards, Jonathan. Select works; with an account of his life by Iain H. Murray. *Bible truth depot* '58 p60-2

McLoughlin, William Gerald. Modern revivalism; Charles Grandison Finney to Billy Graham. *Ronald* '59 p531-5 annot

Smith, Timothy Lawrence. Revivalism and social reform in mid-nineteenth century America. *Abingdon* '57 p238-48 annot

See also

Nativistic movements

REVOLUTION, Industrial. See Industrial revolution**REVOLUTIONS**

Bruun, Geoffrey. Revolution and reaction; 1848-1952; a mid-cent. watershed. *Van Nostrand* '58 p 186-8

Hammond, Thomas Taylor. Lenin on trade unions and revolution, 1893-1917. (Columbia univ. Russian Inst. Studies) *Columbia univ. press* '57 p 130-50

REWARDS, prizes, etc.

Hough, W. M. Awards problem rests with each school. *Nat Assn Sec Sch Prin Bul* 39:99-101 N '55

REYES, Alfonso, 1889-

Arce, David N. Estos y "Aquellos días" de Alfonso Reyes. (Bibliogs. mexicanas contemporáneas, 3) *Biblioteca nacional* '56 51p

Colegio nacional, Mexico. El Colegio nacional a Alfonso Reyes, uno de sus miembros fundadores, en su cincuentenario de escritor. (Biblioteca 13) *The college* '56 p249-54

Garrido, Luis. Alfonso Reyes. (Cultura mexicana, 12) *Impr. universitaria* '54 p 107-16

Nuevo León, Mexico. Universidad, Monterey. Páginas sobre Alfonso Reyes, 1946-1957; ed. de homenaje. *The university* '57 2v

- REYES, Teodoro Flores, 1873-1955**
 Alvarez, M. Memorial to Teodoro Flores Reyes (1873-1955) Geol Soc Am Proc 1955: 125-6 J1 '56
- REYNAUD, Paul, 1878-**
 Montevideo. Biblioteca del poder legislativo. Paul Reynaud, biografia. (Referencia, 17) The library '52 p i-vi
- REYNOLDS, Osborne, 1842-1912**
 McKusick, V. A. and Wiskind, H. K. Osborne Reynolds of Manchester. Bul Hist Med 33:135-6 Mr '59
- RHAETIAN alps**
 Flaig, Günther, and Flaig, Walther. Rätikon, ein führer für tÄler, hütten, berge. 1st-3d ed (Alpenvereinsführer. Reihe: Zentralalpen, v5) Bergverlag R Rother '53 p47-50
- RHAZES, 850-923**
 Thorndike, L. Latin manuscripts of works by Rasis at the Bibliothèque nationale, Paris. Bul Hist Med 32:54-67 Ja '58
- RHENIUM**
 Battelle memorial institute, Columbus, Ohio. Survey of the literature on rhenium [by] C. T. Sims [and others] (WADC Technical rep 56-319) Wright-Patterson air force base, Ohio, Wright air development center, Air research & development command, U.S. Air force '57 incl bibliog
- RHEOLOGY**
 Applied mechanics review. Am. soc. of mechanical engineers. See numbers
 Rheology abstracts. See numbers of British society of rheology. Bulletin
 Sterling, C. Retrogradation in a starch jelly candy. Food Res 22:190-1 Mr '57
- RHEOTOME.** See Electrophysiology
- RHETORIC**
 Bibliography of rhetoric and public address for the year 1954[-1958] Speech Monog 22: 79-110; 23:157-88; 24:181-211; 25:177-207; 26: 183-216 Je '55, Ag '56, Ag '57, Ag '58, Ag '59 annot
 Clark, Donald Lemen. Rhetoric in Greco-Roman education. Columbia univ. press '57 p267-76
See also
 Debates and debating
 Persuasion (rhetorics)
 Style, Literary
- RHEUMATIC fever**
 Helen Hay Whitney foundation. Bibliography lists on rheumatic fever and rheumatic heart disease; comp. as of 1955. The foundation '55 vp
- RHEUMATISM**
 Brugsch, Heinrich G. Rheumatic diseases, rheumatism and arthritis. Lippincott '57 incl bibliog
 European rheumatology congress, 3d, Hague and Scheveningen, 1955. Contemporary rheumatology; proceedings; honorary eds: J. Gossings and H. van Swaay. Elsevier '56 incl bibliog
See also
 Arthritis
 Rheumatic fever
- RHINE PROVINCE**
 History
 Repgen, Konrad. Märzbewegung und mahwahlen des revolutionsjahres 1848 im Rheinland. (Bonner historische forschungen, v4) Rorscheid '55 p355-68
- RHINITIS in swine**
 Switzer, W. P. Studies on infectious atrophic rhinitis of swine. Am Vet Med Assn J 127:345-8 O '55
- RHIZOBIUM**
 Allen, O. N. and Baldwin, I. L. Rhizobial-legume relationships. Soil Sci 78:425-7 D '54
 Bruch, C. W. and Allen, O. N. Host specificities of four lotus rhizobiophages. Can J Microbiol 3:188-9 Mr '57
- RHIZOPODA**
 Decloitre, Lucien. Recherches sur les rhizopodes thécamoebiens d'A.O.F. (Mémoires. no31) Inst. français d'Afrique noire '53 p243-9
 Decloitre, Lucien. Les thécamoebiens de l'Ége (Groenland). (Expéditions polaires françaises. Travaux, 8; Actualités scientifiques et industrielles, 1242) Hermann '56 p83-95
- RHIZOSPHERE microbiology**
 Harris, J. R. Rhizosphere relationships of subterranean clover. Australian J Ag Res 7:193-4, 208, 216-17; 11:63-4 Ja-Mr '56, Je '59
 Rovira, A. D. Plant root excretions in relation to the rhizosphere effect. Plant & Soil 7:193-4, 208, 216-17; 11:63-4 Ja-Mr '56, Je '59
 Starkey, R. L. Interrelations between microorganisms and plant roots in the rhizosphere. Bact R 22:167-72 S '58
- RHODE ISLAND**
 Government publications
 Rhode Island. State library. Checklist of departmental publications of the state of Rhode Island, 1935-1955. The library '56? 33p
 History
 Lovejoy, David Sherman. Rhode Island politics and the American revolution, 1760-1776. (Brown univ. Studies, v23) Brown univ. press '58 p221-36
 Simister, Florence Parker. Pewter plate. Hastings house '57 p 155-7
- RHODES, Cecil John, 1853-1902**
 Burke, E. E. Bibliography. (In Bulawayo, South Africa. Central African Rhodes centenary exhibition. Story of Cecil Rhodes, set out in a series of historical pictures and objects to commemorate the centenary of his birth, 1853-1953; descriptive souvenir and catalogue. The Centenary exhibition '53 p 115-92)
- RHODES, Eugene Manlove, 1869-1934**
 Rhodes, Eugene Manlove. Bar cross man; the life & personal writings of Eugene Manlove Rhodes [by] W. H. Hutchinson. Univ. of Okla. press '56 p392-407
- RHODESIA, Southern**
 Antiquities
 Robinson, K. R. Khami ruins; rep. on excavations undertaken for the Comm. for the preservation of natural and historical monuments and relics, Southern Rhodesia, 1947-1955; with reps. by G. Bond & E. Voce. Cambridge '59 p 177-8
 Summers, Roger, and others. Inyanga; prehistoric settlements in Southern Rhodesia. Cambridge '53 p323-9
- RHODESIA AND NYASALAND**
 Government publications
 Rhodesia and Nyasaland. Federal information department. Catalogue of official publications. The department '57 30p
 Industries and resources
 Waldstein, Nan S. Struggle for African advancement within the copper industry of Northern Rhodesia; a case study. (Communist bloc program C/57-16) Center for int. studies, Mass. inst. of technology '57 p92-6
- RHODOPHYCEAE**
 Kytin, Harald. Die gattungen der rhodophyceen. Gleeup '56 p593-641
- RHÖN**
 Rhönklub. Schneider's Rhönführer; offizieller führer des Rhönklubs. 16th rev ed Perzeller '53 p242-5
- RHYTHM**
 Fraisse, Paul. Les structures rythmiques; étude psychologique; préf. de A. Michotte. (Studia psychologica) Pubs. univs. de Louvain '56 p 121-4
See also
 Periodicity
- RIABOUCHINSKY, Dimitri Pavlovitch, 1882-**
 Mémoires sur la mécanique des fluides offerts à M. Dimitri P. Riabouchinsky par ses amis, ses collègues et ses anciens élèves à l'occasion l'icel de son jubilé scientifique; préf. de Henri Villat. (France. Ministère de l'air. Pubs. scientifiques et techniques) Service de documentation & d'information technique de l'aéronautique '54 p xxlii-xxxii
- RIBEIRO FERNANDES, Jão, 1860-1934**
 Leão, Mucio. Jão Ribeiro, ensaio biobibliográfico. Acad. brasileira de letras '54 p83-9

RIBOFLAVIN

- Gershoff, S. N. and others. Effect of the carbohydrate and fat content of the diet upon the riboflavin requirement of the cat. *J Nutrition* 68:86-8 My '59
- Mer, C. L. Re-examination of the supposed effect of riboflavin on growth. *Plant Physiol* 32:185 My '57

RICCI, Matteo, 1552-1610

- Cronin, Vincent. Wise man from the West. *Dutton* '55 p288-90

RICE

- Carvalho e Vasconcellos, João de. O arroz; estudo botânico. Comissão reguladora do comércio de arroz. Portugal. Ministerio da economia '53 p281-9
- Green, V. E. Culture of rice on organic soils—a world survey. *Agron J* 49:471-2 S '57
- Grist, Donald Honey. Rice. 2d ed (Tropical agriculture ser) Longmans '55 p306-14
- Same. 3d ed (Tropical agricultural ser) Longmans '59 p421-46
- Jodon, N. E. Inheritance of some of the more striking characters in rice. *J Heredity* 48:191-2 Jl '57
- Johnston, T. H. Registration of rice varieties. *Agron J* 50:700 N '58
- Kik, Marinus Cornelis. Nutritive value of rice and its by-products. (Bul. 589) Agricultural experiment station, Univ. of Ark. '57 p22-4
- Larson, Nellie Geneva. Rice hulls and rice straw, 1907-1955; a list of references, rev July 1957 (Lib. list no31) Lib. U.S. Dept. of Agriculture '57 24p
- McFarlane, Vernon H. Effects of heat treatment on the viability of rice. (U.S. Dept. of agriculture. Technical bul. no 1129) U.S. Gov. ptg. office '55 p47-61
- Reynolds, Elbert Brunner. Research on rice production in Texas. (Bul. 225) Tex. agricultural extension service '54? p29
- Topolanski, Eugenio M. Arroz y riego; viajes de observaciones por los Estados Unidos de Norte América. Inst. nacional de colonización '56 incl bibliog

Diseases and pests

- Kahn, R. P. and Libby, J. L. Effect of environmental factors and plant age on the infection of rice by the blast fungus *pyricularia oryzae*. *Phytopathology* 48:29-30 Ja '58
- Radmanabhan, S. Y. Present position and control of rice diseases in India. *Ind Acad Sci Proc secB* 49:360-2 My '59
- Volk, E. J. and others. Silicon content of the rice plant as a factor influencing its resistance to infection by the blast fungus *pyricularia oryzae*. *Phytopathology* 48:183-4 Ap '58
- RICHARDSON, Archibald Read, 1881-1954**
- Turnbull, H. W. Archibald Read Richardson, 1881-1954. (In Royal society of London. Biographical memoirs of the Royal society, 1955. The society '55 p236-77)
- RICHARDSON, Dorothy M, 1882-**
- Prescott, J. Preliminary checklist of the periodical publications of Dorothy M. Richardson. (In Wayne state university, Detroit. Department of English. Studies in honor of John Wilcox, by members of the Department; ed. by A. Dayle Wallace and Woodburn O. Ross. Wayne state univ. press '58 p219-25)
- RICHARDSON, Samuel, 1689-1761**
- Brissenden, R. F. Samuel Richardson. (Bibliog. ser. of sups. to British bk. news, no 101) Nat. bk. league '58 p39-42 annot
- RICHTER, Curt Paul, 1894-**
- American psychological association. Distinguished scientific contribution awards, 1957. *Am Psychologist* 13:162-7 Ap '58

RICKETTSIA

- Rhodes, Andrew James, and Van Rooyen, Clennel Evelyn. Textbook of virology, for students and practitioners of medicine. 3d ed Williams & Wilkins '58 incl bibliog
- Weiss, E. and others. Selection of a mutant strain of rickettsia prowazeki resistant to *p*-aminobenzoic acid. *J Bact* 73:430 Mr '57
- See also
Rickettsial diseases

RICKETTSIAL diseases

- Walker, Duard L. and others, eds. Symposium on latency and masking in viral and rickettsial infections: the proceedings of a conference held at the Univ. of Wis. medical school, Sept. 4, 5 and 6, 1957. Burgess '58 incl bibliog
- See also
Q fever

RICKETTSIOSIS. See Rickettsial diseases**RICKMAN, John, 1891-1951**

- Rickman, John. Selected contributions to psycho-analysis; comp. by W. Clifford M. Scott; with an introd. memoir by Sylvia M. Payne. (Basic classics in psychiatry) Basic bks. '57 p391-5

RIDDLES

- Nicolas, F. J. Enigmes des L'éla de la Haute-Volta (A.O.F.). *Anthropos* 49 no5:1033-40 '54
- Withers, Carl, and Benet, Sula. Riddles of many lands. Abelard-Schuman '56 p 155-60

RIDING. See Horsemanship**RIDLEY, Henry Nicholas, 1855-1956**

- Salisbury, E. J. Henry Nicholas Ridley, 1855-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 149-59)

RIEL rebellion, 1885

- Lamb, Robert E. Thunder in the North; conflict over the Riel risings, 1870-1885. Pageant press '57 p326-43 annot

RIEMANN spaces. See Spaces, Generalized**RIEMANN surfaces**

- Conner, P. E. Neumann's problem for differential forms on Riemannian manifolds. (Memoirs, no20) *Am. mathematical soc.* '56 incl bibliog
- Nevanlinna, Rolf Herman. Uniformisierung. (Grundlehren der mathematischen wissenschaften in einzeldarstellungen, v64) Springer '53 p335-7
- Plüger, Albert. Theorie der Riemannschen flächen. (Die grundlehren der mathematischen wissenschaften in einzeldarstellungen, v 89) Springer '57 p239-44
- Severi, F. Il teorema di Riemann-Roch per curve, superficie e varietà; questioni collegate. *Ergeb Math* ns no 17:117-25 '58
- Springer, George. Introduction to Riemann surfaces. (Addison-Wesley mathematics ser) Addison-Wesley '57 p300-2

RIESZ, Frederic, 1880-1956

- Rogosinski, W. W. Frederic Riesz. *Lond Math Soc J* 31:510-12 O '56

RIETVELD, Gerrit Thomas, 1888-

- Brown, Theodore M. Work of G. Rietveld, architect. *Bruna* '58 p 190-5

RIFLES

- Parsons, John E. First Winchester; the story of the 1866 repeating rifle. *Morrow* '55 p 191-200

RIGGENBACH, Rudolf

- Husner, F. Bibliographie Dr. Rudolf Riggenbach. *Basler Z Gesch & Altertumsk* 53:205-15 '54

RIGHT- and left-handedness. See Left- and right-handedness**RIGHT of asylum. See Asylum, Right of****RIGHT to labor**

- California. State library. Sacramento. Right to work laws; a sel. bibliography. The library '58 16p annot
- Herman, Georgianna, and Haik, Jane. Selected recent references on union security and the right to work. Industrial relations center. Univ. of Minn. '57 4p
- National association of manufacturers. Employee relations department. Monograph discussing the major aspects of the inter-collegiate debate issue. Resolved: that the requirement of membership in a labor organization as a condition of employment should be illegal. The department '57 p45-6
- Wigon, Leonard, and Donahue, Gilbert E. Right-to-work issue: pro's and con's; an annot. bibliog. on union security. Inst. of labor & industrial relations, Univ. of Ill. '58 14p

See also**Discrimination in employment****RIGIDITY (psychology)**

- Chown, S. M. Rigidity—a flexible concept. *Psychol Bul* 56:217-23 My '59
- Cowen, E. L. and others. Correlates of manifest anxiety in perceptual reactivity, rigidity, and self concept. *J Consult Psychol* 21:411 O '57
- Johnson, L. C. and Stern, J. A. Rigidity on the Rorschach and response to intermittent photic stimulation. *J Consult Psychol* 19:317 Ag '55
- Levitt, E. E. Water-jar einstellung test as a measure of rigidity. *Psychol Bul* 53:368-70 S '56
- Rokeach, M. On the unity of thought and belief. *J Personality* 25:248-50 D '56

RIJNSDORP, C.

Rijnsdorp, C. Op zoek naar het geheim; bundelde essays. Bosch & Keuning '54 p 149-51

RILKE, Rainer Maria, 1875-1926

Graff, Willem Laurens. Rainer Maria Rilke, creative anguish of a modern poet. Princeton univ. press '56 p343-5

Wood, Frank. Rainer Maria Rilke; the ring of forms. Univ. of Minn. press '58 p232-4

RIMBAUD, Jean Nicolas Arthur, 1854-1891

Morrisette, Bruce Archer. Great Rimbaud forgery: the affair of La chasse spirituelle with unpub. docs. and an anthology of Rimbaudian pastiches. (Studies) Washington univ, St Louis '56 p316-29

RIO DE ORO

Carnero Ruiz, Ismael. Vocabulario geográfico-sahárico. Inst. de estudios africanos, Consejo superior de investigaciones científicas '55 p272-4

RISK

Strassman, Wolfgang Paul. Risk and technological innovation: American manufacturing methods during the nineteenth century. Cornell univ. press '59 p227-42

RISK (insurance)

Cramér, Harald. Collective risk theory; a survey of the theory from the point of view of the theory of stochastic processes. Nordiska bokhandeln '55 p88-91

RITES and ceremonies

James, Edwin Oliver. Myth and ritual in the ancient Near East; an archeological and documentary study. Praeger '58 p338-45

May, L. C. Survey of glossolalia and related phenomena in non-Christian religions. Am Anthropol 58:92-6 F '56

Schäfer, Thomas. Die fusswaschung im monastischen Brauch und in der lateinischen Liturgie; liturgiegeschichtliche untersuchung. (Texte und arbeiten. 1. abt: Beiträge zur ergründung des älteren lateinischen christlichen schrifttums und gottesdienstes, no 47) Beuronener kunst-verlag '56 p 113-19

See also

Baptism
Coronations
Funeral rites and ceremonies
Manners and customs
Marriage customs and rites
Sacraments
Taboo

RITT, Joseph Fels, 1893-1951

Smith, P. A. Joseph Fels Ritt, 1893-1951. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p259-64)

RITTENHOUSE, David, 1732-1796

Rice, Howard Crosby. Rittenhouse orrery; Princeton's eighteenth-century planetarium, 1767-1954; a commentary on an exhibition held in the Princeton univ. lib. Princeton univ. lib. '54 p76-81

RITTER, Karl, 1779-1859

Beck, H. Beiträge zur kenntnis der literatur über Carl Ritter. Erde 90:2:251-3 '59

RITTER, Otto, 1876-

Dietrich, Gerhard, and Schulze, Fritz. W. eds. Strena anglica; Otto Ritter zum 80. geburtstag am 9. jan. 1956 [bibliog. by R. Koch] Niemeyer '56 p259-63

RITUAL. See Rites and ceremonies

RIUKIU islands. See Ryukyu islands

RIVERS

Bibliography on irrigation, drainage, river training and flood control. 1954-1956[1957] Int. comm. on irrigation and drainage '58-'59 2v

Britain, Robert Edward. Rivers, man and myths; from fish spears to water mills. Doubleday '58 p274-6

See also

Dams
Floods
Hydrography
Limnology
Water rights

RIVETS and riveting

Ruble, E. J. Rivet and bolt council research. Am Soc Civil Eng Proc 85 [ST3 no 1969]:4-6 Mr '59

RIZAL, José, 1861-1896

Zaide, Gregorio F. José Rizal: life, works, and writings. Villanueva book store '57 p290-2

RIZAL Y ALONSO, José, 1861-1896

Rivera, Juan F. and Rivera, Petra O. Living the Rizal way. Univ. of the Philippines press '58 p 279-87

RIZNER, L'udovit Vladimir, 1849-1913

Paška, Juraj. L. V. Rizner. (Priekopnici našej prítomnosti, no4) Osveta '56 p99-102

ROACHES. See Cockroaches

ROAD materials

American society for testing materials. Road and paving materials [papers] presented at the 2d Pacific area national meeting [of the] Society, Los Angeles, Calif, Sept. 17, 1956. (Special technical pub. no212) The society '57 incl bibliog

See also

Asphalt
Bituminous materials
Coal tar
Tar

ROADS

Collins, A. R. and Sharp, D. R. Design and construction of concrete roads overseas. Inst Civil Eng Proc 9:62-3 Ja '58

Fisher J. M. and Lee, A. R. Research and its application to road construction. Inst Civil Eng Proc 12:422-4 Ap '59

National research council. Highway research board. Highway research abstracts. The board. See numbers

National research council. Highway research board. Road roughness and slipperiness; some factors and test methods [papers] presented at the 35th annual meeting, Washington, D.C. Jan. 17-20, 1956. (Bul. 139) The board '56 p54, 59, 73

Ohio. Bureau of traffic. Professional library. Information bulletin; general catalogue. The library '54 76p

Road abstracts; comp. by the Dept. of scientific and industrial research and the Ministry of transport [of Great Britain] See numbers

United States. Bureau of public roads. Library. Highways; current literature. The library. See numbers

See also

Highway administration
Highway engineering
Pan American highway
Pavements
Roadside improvement
Toll roads

Finance

Canadian tax foundation. Taxes and traffic; a study of highway financing. (Canadian tax papers, no8) The foundation '55 p 154-8

National research council. Highway research board. Allocating highway cost responsibility; reps. on studies in five states [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 175) The board '58 p20-1, 26, 43

Legislation

See Highway law

Lighting

Köhler, Walter. Die beleuchtung von schnellverkehrsstrassen. (Forschungsarbeiten aus dem strassenwesen, new ser, no34) Kirschbaum '58 p39-40

Rex, C. H. Computation of relative comfort and relative visibility factor ratings for roadway lighting. Illum Eng 54:310 My '59

Maintenance and repair

National research council. Highway research board. Committee on salvaging pavements by resurfacing. Salvaging old pavements by resurfacing. (Bibliog. 21) The board '57 47p annot

Australia

Gawith, A. H. and Coulter, T. M. Some phases of road research in Australia. Inst Eng Australia J 29:20 Ja '57

Austria

Jandaurek, Herbert. Oberösterreichische altstrassen; die strassen der Römer, hrsg. vom Amte der O.-Ö. landesregierung in Linz. (Schriftenreihe der O.-Ö. landesbaudirektion, no 10) O. Ö. Landesverlag Wels '51 p9-41

ROADS—Continued

Canada

Canadian tax foundation. Taxes and traffic; a study of highway financing. (Canadian tax papers, no8) The foundation '55 p 154-8

Germany

Hafen, Paul. Das schrifttum über die deutschen autobahnen. (Forschungsarbeiten aus dem strassenwesen, new ser, v 19) Dümmler '56 881p

United States

Baker, Robert F. and others. Highway costs and their relationship to vehicle size. (Bul. 168) Engineering experiment station, Ohio State univ. '58 p243-4

Harrison, Joseph W. Economic effects of limited access highways and bypasses; bibliography. 2d ed Va. council of highway investigation & research '58 21p annot

National research council. Highway research board. Committee on highway organization and administration. State highway administrative bodies; a study. The committee '52 p 149-53

Tyler, Poyntz, ed. American highways today. (Reference shelf, v29, no 1) Wilson '57 p 188-204

United States. Bureau of public roads. Highway administration. (Bibliog. 19) Highway research board. Nat. research council '57 51p

United States. Superintendent of documents. Transportation, highways, and roads. (Price list 25, 43d ed) U.S. Gov. ptg. office '57 16p

ROADS. Experimental

Finney, E. A. History of road tests. Am Soc Civil Eng Proc 84 (HW 3 no 17961:18-21 O '58

ROADSIDE improvement

Isley, D. Natelle. Bibliography on the control of roadside development, prepared for the Graduate city planning program, Ga. Inst. of technology. School of architecture, Ga. Inst. of technology '55 27p

—Supplement. School of architecture, Ga. Inst. of technology '55 8p

National research council. Highway research board. Economic impact of highway improvement; conference proceedings, Mar. 18-19, 1957. (Special rep. 28) The board '57 p74-8, 81-4

ROBERTO, Federico de. 1861-1927

Catania. Università. Biblioteca universitaria e ventimilliana. Verga. De Roberto. Capuana: celebrazioni bicentinarie Biblioteca universitaria. Catania 1755-1955 [a cura di Angelo Clavarella] Giannotta '55 194p

ROBERTSON, William Spence, 1872-1955

Humphreys, R. A. William Spence Robertson, 1872-1955. Hispan Am Hist R 36:264-7 My '56

ROBINSON, Harold Roper, 1889-1955

Andrade, E. N. da C. Harold Roper Robinson, 1889-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 171-2)

ROCCO, Arturo, 1876-1942

Rome (city). Università. Facoltà di giurisprudenza. Studi in memoria di Arturo Rocco. Giuffrè '52 2v v 1, p vii-ix

ROCHESTER, New York

McKelvey, Blake. Rochester; the quest for quality, 1890-1925. (Rochester. Public lib. Kate Gleason fund. Pubs) Harvard univ. press '56 p395-404

ROCK bursts

Holland, C. T. Cause and occurrence of coal mine bumps. Min Eng 10:1004B S '58

ROCK carvings. See Petroglyphs

ROCKET flight. See Space flight

ROCKETS (aeronautics)

Bartz, D. R. Factors which influence the suitability of liquid propellants as rocket motor regenerative coolants. Jet Propulsion 28:52-3 Ja '58

Bates, David Robert, and Moore, Patrick, eds. Space research and exploration; contributors: A. C. Clarke [and others] Sloane '58 incl bibliog

Benton, M. Earth satellites, guided missiles, rockets, and space flight. Wilson Lib Bul 32:412-19 F '58 annot

—Supplement. Wilson Lib Bul 34:215-20 N '59 annot

British interplanetary society. Realities of space travel; sel. papers, ed. by L. J. Carter. Putnam '57 incl bibliog

Burgess, Eric. Frontier to space; with a foreword by Sir Harold Spencer Jones. Macmillan '55 incl bibliog

Crocco, Luigi, and Chèng, Sin-i. Theory of combustion instability in liquid propellant rocket motors; pub. for and on behalf of the Advisory group for aeronautical research and development, North Atlantic treaty organization. (AGARDograph, no8) Butterworth '56 p 199-200

Grootenhuis, P. Mechanism and application of effusion cooling. Roy Aero Soc J 63:88-9 F '59

Herrick, John W. and Burgess, Eric, eds. Rocket encyclopedia illustrated. Aero pubs. '59 p591-3

Humphries, John. Rockets and guided missiles; with a foreword by A. D. Baxter. Macmillan '56 p207-24 annot

—Same, 2d (corr) impression Macmillan '57 p207-25 annot

International astronomical federation. List of literature of the IAF-archives. Spécification de la littérature aux archives de la IAF. Literaturverzeichnis des IAF-archives. The federation '56 18p

Ley, Willy. Rockets, missiles, and space travel. rev & enl ed Viking '57 p489-520 annot

—Same; rev. & enl. ed. with additional satellite data. Viking '58 p489-520

Newell, Homer Edward, and others. Sounding rockets. (McGraw-Hill ser. in missile and space technology) McGraw '59 incl bibliog

Rocket abstracts. See numbers of Journal of space flight and Rocket newsletter thru 1956

Sänger-Bredt, I. Über arbeitsgase für nicht konventionell beheizte raketen. Astron Acta 5 no2:113-15 '59

Stemmer, Josef. Raketenantriebe, ihre entwicklung, anwendung und zukunft; eine einführung in das wesen des raketenantriebes, sowie raketen- und weltraumfluges; mit beiträgen von Eugen Sänger und Heinz Gartmann. (SDV fachbücher) Schweizer druck- und verlagshaus '52 p515-23

Sutherland, G. S. Modern techniques in solid rocket engineering. Aero Digest 72:56 Ja '56

Sutton, George Paul. Rocket propulsion elements; an introd. to the engineering of rockets. 2d ed Wiley '56 p433-78

Technical literature digest. See numbers of ARS journal (formerly Jet propulsion)

United States. Department of the army. Army library. Guided missiles, rockets and artificial satellites, including project Vanguard; a sel. list of titles. (Special bibliog. no 11) The library '57 153p

United States. Department of the army. Missiles, rockets and satellites. The department '58 5v

United States. Engineer school. Library. Guided missiles and rockets; a bibliog, 1946-1956. The library '56 50p

United States. Library of Congress. Legislative reference service. Guided missiles in foreign countries; prepared for the Com. on armed services, U.S. Senate, by Eilene Galloway. U.S. Gov. ptg. office '57 p58-62

Warren, Francis Albert. Rocket propellants. Reinhold '58 incl bibliog

See also

Guided missiles
Jet propulsion
Satellites, Artificial

Fuel

United States. Assistant secretary of defense (research and engineering). Office of fuels, materials and ordnance. Bibliography of research and development on protective clothing for handlers of rocket fuels. The office '58 15p

ROCKETS, Atomic powered

Bussard, R. W. and De Lauer, Richard D. Nuclear rocket propulsion. (McGraw-Hill ser. in missile and space technology) McGraw '58 incl bibliog

ROCKS

Porter, J. W. and Fuller, J. G. C. M. Lower paleozoic rocks of northern Williston basin and adjacent areas. Am Assn Pet Geol Bul 43:188-9 Ja '59

ROCKS—Continued

- Rockets, R. J. and others. Paleozoic rocks of north-central Nevada. *Am Assn Pet Geol Bul* 42:2855-7 D '58
 Wahlstrom, Ernest Eugene. Petrographic mineralogy. Wiley '55 incl bibliog

See also

- Crystallography
 Geology
 Mineralogy
 Petrology
 Weathering (rocks)

Analysis

- Adams, J. A. S. and Weaver, C. E. Thorium-uranium ratios as indicators of sedimentary processes: example of concept of geochemical facies. *Am Assn Pet Geol Bul* 42:430 F '58
 Buddington, A. F. and others. Thermometric and petrogenetic significance of titaniferous magnetite. *Am J Sci* 253:529-32 S '55
 Chayes, Felix. Petrographic modal analysis; an elementary statistical appraisal. Wiley '56 p 108-9
 Friedman, G. M. Determination of sieve-size distribution from thin-section data for sedimentary petrological studies. *J Geol* 66:416 JI '58
 Fuster Casas, José María, and others. Análisis químicos de rocas españolas publicados hasta 1952; con un prólogo por Maximino San Miguel de la Cámara. (Monografías, no 14) Inst. de investigaciones geológicas Lucas Mallada, Consejo superior de investigaciones científicas '54 p 135-9
 Heinrich, Eberhardt William. Microscopic petrography. (McGraw-Hill ser. in the geological sciences) McGraw '56 p273-4
 Herzog, L. F. and others. Sediment age determination by Rb/Sr analysis of glauconite. *Am Assn Pet Geol Bul* 42:732-3 Ap '58
 Hooker, M. Data of rock analyses. *Geochimica & Cosmochimica Acta* 9:90-7, 190-213; 11:130-7 F-Ap '56, Ja '57
 McKinstrey, H. Source of iron in pyritized wallrocks. *Econ Geol* 52:753-4 N '57
 Mathews, W. H. Petrology of quaternary volcanics of the Mount Garibaldi map-area, southwestern British Columbia. *Am J Sci* 255:415 Je '57
 Moore, J. G. Quartz diorite boundary line in the western United States. *J Geol* 67:206-10 Mr '59
 Poldervaart, A. Zircon in rocks. *Am J Sci* 253:460-1; 254:550-4 Ag '55, S '56
 Tilton, G. R. and others. Isotopic composition and distribution of lead, uranium, and thorium in a Precambrian granite. *Geol Soc Am Bul* 66:1147-8 S '55

Deformation

- Bailey, S. W. and others. Plastic deformation of quartz in nature. *Geol Soc Am Bul* 69:1464-6 N '58
 Bhattacharji, S. Theoretical and experimental investigations on crossfolding. *J Geol* 66:666-7 N '58
 Bucher, W. H. Role of gravity in orogenesis. *Geol Soc Am Bul* 67:1316-18 O '56
 Flinn, D. On the deformation of the Funzie conglomerate, Fetlar, Shetland. *J Geol* 64:505 S '56
 Handin, J. and Hager, R. V. Experimental deformation of sedimentary rocks under confining pressure: tests at room temperature on dry samples. *Am Assn Pet Geol Bul* 41:49-50 Ja '57
 Pabst, A. Transformation of indices in twin gliding. *Geol Soc Am Bul* 66:911-12 JI '55
 Turner, F. J. Lineation, symmetry, and internal movement in monoclinic tectonite fabrics. *Geol Soc Am Bul* 68:16-17 Ja '57

Testing

- Robertson, E. C. Experimental study of the strength of rocks. *Geol Soc Am Bul* 66:1313-14 O '55

ROCKS, Crystalline and metamorphic

- Fyfe, W. S. and others. Metamorphic reactions and metamorphic facies. (Memoir 73) Geological soc. of Am. '58 p241-51
 Grim, R. E. Concept of diagenesis in argillaceous sediments. *Am Assn Pet Geol Bul* 42:253 F '58

- Lyons, J. B. Geology of the Hanover quadrangle, New Hampshire-Vermont. *Geol Soc Am Bul* 66:143-5 Ja '55
 Miyashiro, A. and Bauno, S. Nature of glaucophamitic metamorphism. *Am J Sci* 256:109-10 F '58
 Murthy, M. V. N. Coronites from India and their bearing on the origin of coronas. *Geol Soc Am Bul* 69:36-7 Ja '58
 Reitan, P. Pegmatite veins and the surrounding rocks. *Norsk Geol Tids* 38 no3-4:310-11 '58
 Sen, S. Structures of the porphyritic granite and associated metamorphic rocks of east Manbhum, Bihar, India. *Geol Soc Am Bul* 67:669-70 My '56
 Simpson, E. S. W. and Tregidga, J. A. Archaean rocks of the Marble Delta district, Natal. *Geol Soc S Africa Trans* 59:257-8 '56
 Tilley, C. E. Problems of alkali rock genesis. *Geol Soc Lond Q J* no451:357-9 My '58
 Weeks, W. F. Heats of formation of metamorphic minerals in the system CaO-MgO-SiO₂-H₂O and their petrological significance. *J Geol* 64:471-2 S '56

ROCKS, Eruptive. See Rocks, Igneous

ROCKS, Igneous

- Bailey, E. B. Some aspects of igneous geology, 1908-1958. *Geol Soc Glasgow Trans* 23:51-2 D '58
 Battey, M. H. Alkali metasomatism and the petrology of some keratophyres. *Geol Mag* 42:124-6 Mr '55
 Bennington, K. O. Energy transfer from differentiation in a differential pressure system under non-equilibrium conditions. *J Geol* 67:195-7 Mr '59
 Buddington, A. F. Granite emplacement with special reference to North America. *Geol Soc Am Bul* 70:741-7 Je '59
 Hejtmán, Bohuslav. Systematická petrografie vyvřelých hornin; celostátní vysokoškolská učebnice. Nakl. Československé akad. věd '57 p324-41
 Hejtmán, Bohuslav. Všeobecná petrografie vyvřelých hornin; celostátní vysokoškolská učebnice. Nakl. Československé akad. věd. '56 p340-54
 Hospers, J. Rock magnetism and polar wandering. *J Geol* 63:73-4 Ja '55
 Knopf, A. Boulder batholith of Montana. *Am J Sci* 255:101-3 F '57
 Lewis, D. V. Relationships of ore bodies to dikes and sills. *Econ Geol* 50:514-16 Ag '55
 Martin, R. C. Some field and petrographic features of American and New Zealand ignimbrites. *N Z J Geol & Geophys* 2:410-11 My '59
 Mathias, M. Petrology of the Messum igneous complex, southwest Africa. *Geol Soc S Africa Trans* 59:56-7 '56
 Moorhouse, W. W. Paragenesis of accessory minerals. *Econ Geol* 51:261-2 My '56
 Nicholls, G. D. Autometasomatism in the lower spilites of the Builth volcanic series. *Geol Soc Lond Q J* no454:160-1 Ja '59
 Pecora, W. T. Carbonatites: a review. *Geol Soc Am Bul* 67:1552-5 N '56
 Ramanathan, S. On the hypersthene-bearing rocks of Salem. *Madras Univ J secB* 26:185-7 Ag '56
 Reitan, P. Pegmatite veins and the surrounding rocks. *Norsk Geol Tids* 36 no3:238-9 '56
 Smith, W. C. Review of some problems of African carbonatites. *Geol Soc Lond Q J* no446:217-19 N '56
 Taubeneck, W. H. Geology of the Elkhorn mountains, northeastern Oregon: Bald Mountain batholith. *Geol Soc Am Bul* 68:237-8 F '57
 Tyrrell, G. W. Distribution of igneous rocks in space and time. *Geol Soc Am Bul* 66:424-5 Ap '55
 Wager, L. R. and others. Sulphides in the Skaergaard intrusion, East Greenland. *Econ Geol* 52:893-5, 903 D '57
 Walker, F. Ophitic texture and basaltic crystallization. *J Geol* 65:13-14 Ja '57
 Wilkinson, J. F. G. Petrology of a differentiated teschenite sill near Gunnedah, New South Wales. *Am J Sci* 256:36-9 Ja '58

See also

- Diorite
 Gneiss
 Lava
 Magmas
 Spillite
 Volcanic ash, tuff, etc.

ROCKS, Metamorphic. See Rocks, Crystalline and metamorphic

ROCKS, Plutonic. See Rocks, Igneous

ROCKS, Sedimentary

Adams, J. A. S. and Weaver, C. E. Thorium-to-uranium ratios as indicators of sedimentary processes: example of concept of geochemical facies. *Am Assn Pet Geol Bul* 42:430 F '58

Coleman, R. G. and Delevaux, M. Occurrence of selenium in sulfides from some sedimentary rocks of the western United States. *Econ Geol* 52:526-7 Ag '57

Curtis, G. H. and Reynolds, J. H. Notes on the potassium-argon dating of sedimentary rocks. *Geol Soc Am Bul* 69:159 F '58

Friedman, G. M. Determination of sieve-size distribution from thin-section data for sedimentary petrological studies. *J Geol* 66:416 JI '58

Gruner, J. W. Concentration of uranium in sediments by multiple migration-accretion. *Econ Geol* 51:517-20 S '56

Handin, J. and Hager, R. V. Experimental deformation of sedimentary rocks under confining pressure: tests at room temperature on dry samples. *Am Assn Pet Geol Bul* 41:49-50 Ja '57

Horstman, E. L. Distribution of lithium, rubidium, and caesium in igneous and sedimentary rocks. *Geochimica & Cosmochimica Acta* 12 no 1-2:21-3 '57

Hsu, K. J. Flute- and groove-casts in the prealpine flysch, Switzerland. *Am J Sci* 257:535-6 Summer '59

Lipson, J. Potassium-argon dating of sedimentary rocks. *Geol Soc Am Bul* 69:148-9 F '58

Lombard, Augustin. Géologie sédimentaire; les séries marines. Masson '56 p671-705

McNeal, R. P. Lithologic analysis of sedimentary rocks. *Am Assn Pet Geol Bul* 43:878-9 Ap '59

Millot, G. and others. La sédimentation argileuse à Attapulgit et Montmorillonite. *Soc Géol France Bul* 7:431-3 D '57

Pettijohn, Francis John. Sedimentary rocks. 2d ed (Harper's geoscience ser) Harper '57 incl bibliog

Teichert, C. Concepts of facies. *Am Assn Pet Geol Bul* 42:2740-4 N '58

Van Houten, F. B. Reconnaissance of cenozoic sedimentary rocks of Nevada. *Am Assn Pet Geol Bul* 40:2824-5 D '56

Weaver, C. E. Geologic interpretation of argillaceous sediments. *Am Assn Pet Geol Bul* 42:271, 308-9 F '58

Williamson, W. O. Silicified sedimentary rocks in Australia. *Am J Sci* 255:39-41 Ja '57

Zen, E. Clay mineral-carbonate relations in sedimentary rocks. *Am J Sci* 257:42-3 Ja '59

See also

Sandstone
Stratification

ROCKY mountains

Richmond, G. M. Three pre-Wisconsin glacial stages in the Rocky Mountain region. *Geol Soc Am Bul* 68:259-62 F '57

ROCCO architecture. See Architecture, Rococo

RODENTS

Kartman, L. and Lonergan, R. P. Observations on rats in an enzootic plague region of Hawaii. *Pub Health Rep* 70:593 Je '55

Landry, Stuart Omer. Interrelationships of the New and Old world hystricomorph rodents. (Calif. Univ. Pubs. in zoology, v56, no 1) Univ. of Calif press '57 p97-104

Lough, C. D. Adrenocortical activity in relation to the density and dynamics of three confined populations of microtus pennsylvanicus. *Ecology* 37:712-13 O '56

Pearson, Oliver Payne. Taxonomic revision of the rodent genus phyllotis. (Calif. Univ. Pubs. in zoology, v56, no4) Univ. of Calif. press '58 p455-7

Shotwell, J. A. Evolution and biogeography of the apodontid and mylagaulid rodents. *Evolution* 12:482-4 D '58

See also

Gophers
Hamsters
Mice
Muskrats
Rabbits
Rats
Squirrels

Embryology

See Embryology—Rodents

Parasites

See Parasites—Rodents

Physiology

Green, M. R. Carbohydrate metabolism of mouse muscle in relation to infection with coxsackie virus, group A. *J Exp Zool* 133:501-4 D '56

Greenwald, G. S. Interruption of pregnancy in the rabbit by the administration of estrogen. *J Exp Zool* 135:476-8 Ag '57

Luppa, H. W. Beitrag zur kenntnis des vorderdarmes der bisamratte (ondatra zibethica L.) und einiger murider nager (microtus arvalis Pall.; arvicola terrestris L.; clethrionomys glareolus Schreb.; apodemus flavicollis Melch.) Halle Univ Wiss Z Math Naturw Reihe 7:264-6 Ap '58

Luppa, H. W. Zur morphologie und histologie des magens der bisamratte. Halle Univ Wiss Z Math Naturw Reihe 5:660-1 Ap '56

Smithberg, M. and Runner, M. N. Induction and maintenance of pregnancy in prepuberal mice. *J Exp Zool* 133:456-7 D '56

Tsang, Y. Motor cell columns in the cervical and lumbar enlargements of the spinal cord of the mole-rat. *Scientia Sinica* 6:335-7 Ap '57

Reproduction

Gunther, W. C. Studies on the male reproductive system of the California pocket gopher (thomomys bottae navus Merriam) *Am Midl Natur* 55:38-40 Ja '56

Watson, J. S. Reproduction of the wild rabbit, oryctolagus cuniculus (L.) in Hawke's bay, New Zealand. *N Z J Sci & Tech secB* 38:481-2 Mr '57

RODENTS, Fossil

Fields, Robert William. Hystricomorph rodents from the late miocene of Colombia, South America. (Calif. Univ. Pubs. in geological sciences, v32, no5) Univ. of Calif. press '57 p397-9

Landry, Stuart Omer. Interrelationships of the New and Old world hystricomorph rodents. (Calif. Univ. Pubs. in zoology, v56, no 1) Univ. of Calif. press '57 p97-104

RODGERS, Richard, 1902-

Ewen, David. Richard Rogers. *Holt* '57 p362-4

RODO, José Enrique, 1872-1917

Albarrán Puente, Glicerio. El pensamiento de José Enrique Rodó. (Colección Hombres e ideas) Ediciones Cultura hispánica '53 p731-79

RODRIGUES, Francisco, 1873-1956

Leite, J. and Juambelz, J. P Francisco Rodrigues, S.I. (1873-1956) *Archivum Hist Soc Iesu* 25:748-54 JI '56

RODRIGUES, José Honorio, 1913-

Rodrigues, Leda (Boechat). Bibliografía de José Honorio Rodrigues. The author '56 50p

ROEMER, Theodor, 1883-1951

Nathusius, Lilly von. Theodor Roemer; lebensabriss und bibliographischer überblick. (Schriften zum bibliotheks- und büchereiwesen in Sachsen-Anhalt, 12) Universitäts- & landesbibliothek Sachsen-Anhalt '55 131p

ROENTGEN rays. See X rays

ROGERS, Austin Flint, 1887-1957

Kerr, P. F. Memorial of Austin Flint Rogers. *Am Min* 43:313-16 Mr '58

ROGGEN, Domien Engelbert, 1886-

Miscellaneous Prof. Dr. D. Roggen [als huldeblijk ter gelegenheid van zijn emeritaat door vrienden, collega's en vereerders aangeboden; bibliog. door H. Pauwels] *De Sikkle* '57 p xv-xxi

ROGIER, L. J.

Rogier, L. J. Beschouwing en onderzoek; historische studies; met een inleidend woord van Anton van Duinkerken. *Spectrum* '54 p312-15

ROGUES and vagabonds.

Vexliard, Alexandre. Le clochard: étude de psychologie sociale; avant-propos d'Henri Ey. (Bibliothèque neuro-psychiatrique de langue française) Desclée, De Brouwer '57 p275-303

ROHRBECK, Walter, 1885-

Möller, Hans, ed. Beiträge zur versicherungswissenschaft; festgabe für Walter Rohrbeck zum 70. geburtsstage. Duncker & Humblot '55 p483-602

ROJAS, Fernando de, d 1541

Rojas, Fernando de. *Celestina*; a play in 21 acts, attributed to Fernando de Rojas; tr. from the Spanish by Mack Hendricks Singleton. Ibiblog. by Cándido Ayllón Univ. of Wis. press '58 p283-99

ROJAS ZORRILLA, Francisco de, 1607-1648

MacCurdy, Raymond R. Francisco de Rojas Zorrilla and the tragedy. (N.Mex. Univ. Pubs. Pubs. in language and literature, no 13) Univ. of N.Mex. press '58 p 154-61

ROLAND, Pauline, 1805-1852

Thomas, Edith. Pauline Roland; socialisme et féminisme au XIX^e siècle. (Bibliothèque d'histoire économique et sociale) Rivière '56 p213-19

ROLDAN, Pedro, 1624-1699

Salazar y Bermúdez, María de los Dolores. Breves aportaciones a la escultura religiosa en Andalucía a través de una figura representativa. The author '55 p60-2

ROLE playing. See Sociodrama.

ROLFE, Frederick William (Frederick, baron

Corvo, pseud) 1860-1913

Woolf, Cecil. Bibliography of Frederick Rolfe, baron Corvo. (Soho bibliogs, no7) Hart-Davis '57 136p

ROLLING (metal work)

Hoff, Hubert, and Dahl, Theodor. Walzen und kalibrieren. (Stahleisen-bücher, v 12) Verlag Stahleisen '54 p208-11

Larke, Eustace Charles. Rolling of strip, sheet and plate; with a foreword by Maurice Cook. Macmillan '57 p392-9

ROLLING mills

Kul'bachnyi, I. G. Maschinelle ausrüstung von walzwerken; übers. aus dem Russischen; Claus Fritzsche. Verlag Technik '54 p 1013-18

ROMAINS, Jules, pseud. of Louis Farigoule, 1885-

Norrish, P. J. Drama of the group; a study of unanimism in the plays of Jules Romains. Cambridge '58 p 161-8
Œuvres de Jules Romains; essai de bibliographie. Biblio 24:10-12 F '56

ROMAN, Johan Helmich, 1694-1758

Bengtsson, Ingmar, and Danielson, Ruben. Handstil och notpikturer i Kungl. musikaliska akademien Roman-samling. Handwriting and musical calligraphy in the J. H. Roman-coll. of the Swedish royal acad. of music; with an English summary. (Studia musicologica upsaliensia) Almqvist '55 p vii-viii

ROMAN Catholic church. See Catholic church

ROMAN emperors

Hammond, M. Transmission of the powers of the Roman emperor from the death of Nero in A.D. 68 to that of Alexander Severus in A.D. 235. Am Acad Rome Mem 24:129-33 '56
Lissner, Ivar. Caesars: might and madness; tr. from the German by J. Maxwell Brownjohn. Putnam '58 p347-60 annot

ROMAN law

Lear, Floyd Seyward. Treason and related offenses in Roman and Germanic law. (Pamphlet v42, no2) Rice inst. '55 p79-89 annot

Monier, Raymond, and others. Histoire des institutions et des faits sociaux des origines à l'aube du moyen age. Eds. Montchrestien '55 p 159-62

Stelling-Michaud, Sven. Catalogue des manuscrits juridiques (droit canon et droit romain) de la fin du XII^e au XIV^e siècle conservés en Suisse. (Travaux d'humanisme et renaissance, 11) Droz '54 p 108-12

ROMAN music. See Music, Greek and Roman

ROMAN Republic, 1798-1799

Giuntella, Vittorio Emanuele. Bibliografia della Repubblica romana del 1798-1799. Istituto di studi romani '57 195p

ROMANCE languages

Westerbergh, Ulla. Chronicon salernitanum; a critical ed. with studies on literary and historical sources and on language. (Stockholm. Univ. Studia latina stockholmiensia, 3) Almqvist '56 p v-xi

See also

French language
Italian language
Portuguese language
Rumanian language
Spanish language

Phonology

Jungemann, Frederick Henry. La teoría del sustrato y los dialectos hispano-romances y gascones; versión española por Emilio Alarcos Llorach. (Biblioteca románica hispánica 1. Tratados y monografías, 7) Editorial Gredos '56 p427-45

Versification

Burger, Michel. Recherches sur la structure et l'origine des vers romans. (Soc. de pubs. romanes et françaises. Pubs, 59) Droz '57 p 177-84

ROMANCE literature

Dorgilsson, Þorhallur. Drög að skrá um ritverk á íslensku að fornu og nýju af latneskum eða rómönskum uppruna; v 1, Frakkland. (Biblog. latino-románico-islandicae tentamen, 1: Scripta e fontibus gallicis) Landsbókasafn Íslands '54 1v

See also

French literature
Italian literature
Portuguese literature
Spanish literature

ROMANCE manuscripts. See Manuscripts, Romance

ROMANCE philology

Bibliography of Swedish works on Romance, English and German philology, 1952-1955. (In Nyfilologiska sällskapet i Stockholm. Studier i modern språkvetenskap, (V 19) Almqvist '56 p 188-98)

Flasche, Hans. Die sprachen und literaturen der Romanen im spiegel der deutschen universitätsschriften 1885-1950; eine bibliographie. Langues et littératures romanes dans les publications universitaires allemandes 1885-1950. (Bonner beiträge zur bibliotheks- und bücherkunde, v3) Bouvier '58 299p

—Same; with title: Romance languages and literatures as presented in German doctoral dissertations. Bibliog. soc. of the Univ. of Va. '58 299p

Golden, Herbert Hershel, and Simches, Seymour Oliver. Modern Iberian language and literature; a bibliog. of homage studies. Cambridge '58 184p

Paiva Boleo, Manuel de, ed. Os estudos de linguística românica na Europa e na América desde 1939 a 1948. (Revista portuguesa de filologia, Sup. bibliog, v 1) Casa do Castelo '51 621p

Siebenmann, Gustav. Über sprache und stil im Lazarillo de Tormes. (Romanica helvetica, v43) Francke '53 p ix-xii

Spallinger, Edeltraut. Absterben von jacere im galloromanischen. (Romanica helvetica, v51) Francke '55 p 11-28

ROMANCE poetry

History and criticism

Burger, Michel. Recherches sur la structure et l'origine des vers romans. (Soc. de pubs. romanes et françaises. Pubs, 59) Droz '57 p 177-84

ROMANIA. See Rumania

ROMANTICISM

Romantic movement; sel. and critical bibliog. for the year 1954[-1958] Philol Q 34:97-176; 35:97-174; 36:97-182; 37:129-244; 38:129-227 Ap '55, Ap '56, Ap '57, Ap '58, Ap '59

England

Brand, Charles Peter. Italy and the English romantics; the Italianate fashion in early nineteenth-cent. England. Cambridge '57 p234-9

Gérard, Albert. L'idée romantique de la poésie en Angleterre; études sur la théorie de la poésie chez Coleridge, Wordsworth, Keats et Shelley. (Bibliothèque de la Faculté de philosophie et lettres de l'Univ. de Liège, no 136) Les Belles lettres '55 p379-404

Noyes, Russell. English romantic poetry and prose; sel. and ed. with essays and notes. Oxford '56 p 1291-6 annot

Varma, Devendra P. Gothic flame, being a history of the gothic novel in England; its origins, efflorescence, disintegration, and residuary influences. Barker '57 p243-59

Woods, George Benjamin, ed. English poetry and prose of the romantic movement. rev ed Scott '50 p 1400-57

ROMANTICISM—Continued

France

Cellier, Léon. *L'épopée romantique*. (Grenoble. Univ. Faculté des lettres. Pubs. 11) Presses universitaires de France '54 p275-6

Germany

Kluckhohn, Paul. Das ideengut der deutschen romantik. 3d ed (Handbücherei der deutschkunde, v8) Niemeyer '53 p 189-94

ROME

Bruwaene, Martin van den. *La société romaine*; v 1, Les origines et la formation. (La société & les insts. de l'antiquité classique, 3) Editions universitaires '55 incl bibliog
Ceccarelli, Guiseppe. *Bibliografia romana, 1945/1946[-1953]* (V 1-9) Staderini editore '46-'58 9v
Davis, Charles Till. Dante and the idea of Rome. Oxford '57 p270-82

History

Boak, Arthur Edward Romilly. *History of Rome to 565 A.D.* 4th ed Macmillan '55 p537-48
French bibliographical digest; no23 (ser2) History pt3, Roman history, by J. LeGall. Cultural center, French embassy '57 38p annot
Hammond, Mason. Imperial elements in the formula of the Roman emperors during the first two and a half centuries of the Empire. *Am Acad Rome Mem* 25:61-4 '57
Hammond, M. Transmission of the powers of the Roman emperor from the death of Nero in A.D. 68 to that of Alexander Severus in A.D. 235. *Am Acad Rome Mem* 24:129-33 '56
Maier, Franz Georg. Augustin und das antike Rom. (Tübinger Beiträge zur Altertumswissenschaft, 39) Kohlhammer '55 p215-19
Marsh, Frank Burr. History of the Roman world from 146 to 30 B.C.; rev. with additional notes by H. H. Scullard. (Methuen's history of the Greek and Roman world, v5) Methuen '53 p442-8
Mattingly, Harold. Roman imperial civilization. St Martins '57 p300-1
Piganiol, A. *Histoire romaine* (1951-1955) *R Hist* 218:310-42; 219:97-139, 328-64 O '57-Ap '58
Smith, Ralph Elberton. *Failure of the Roman republic*. Cambridge '55 p 195-8

History, Military

Marín y Peña, Manuel. *Instituciones militares romanas*. (Enciclopedia clásica, no2) Patronato Menéndez y Pelayo. Consejo superior de investigaciones científicas '56 incl bibliog

Politics and government

Hammond, M. Transmission of the powers of the Roman emperor from the death of Nero in A.D. 68 to that of Alexander Severus in A.D. 235. *Am Acad Rome Mem* 24:129-33 '56

Religion

Bayet, Jean. *Histoire politique et psychologique de la religion romaine*. (Bibliothèque historique) Payot '57 p287-307
Ryberg, I. S. Rites of the state religion in Roman art. *Am Acad Rome Mem* 22:213-16 '55
Schilling, Robert. *La religion romaine de Vénus, depuis les origines jusqu'au temps d'Auguste*. (Bibliothèque des Ecoles françaises d'Athènes et de Rome, no 178) De Boccard '54 p397-406

Senate

Barbieri, Guido. *L'albo senatorio da Settimio Severo a Carino, 193-285*. (Rome (city). Ist. italiano per la storia antica. Studi, no6) Signorelli '52 p xv-xxiii

ROME (city)

Morton, Henry Canova Vollam. *Traveller in Rome*. Dodd '57 p357-8

Description

Lugli, Giuseppe, ed. *Fontes ad topographiam veteris urbis Romae pertinentes*. Istituto di topografia antica, Univ. di Roma '52-'53 2v

Fountains

Onofrio, Cesare d'. *Le fontane di Roma, con documenti e disegni inediti*. Staderini '57 p281-91

RONDEAU-LUZEAU, Lucie. 1870-
Grosclaude, Pierre. *Femme de science et poète*. Lucie Rondeau-Luzeau. Nouvelles éds. latines '58 p 125-6

ROOD, John, 1902-
Schneider, Bruno F. *John Rood's sculpture: tr. from the German by Desmond and Louise Clayton*. Univ. of Minn. press '58 p29

ROOFING

Sachs, Gerhard. *Handwerk in wolken und wind*. Gros '56? p207-12

ROOFS

Cement and concrete association, London. *Proceedings of a symposium on concrete shell roof construction*, 2-4 July, 1952; ed. P. J. Witt. The association '54 p229-46

ROOFS, Shell. See Shells (structural engineering)

ROOS, Charles Frederick, 1901-1958
Davis, H. T. Charles Frederick Roos. *Econometrica* 26:584-9 O '58

ROOSEVELT, Eleanor (Roosevelt) 1884-
Steinberg, Alfred. *Mrs. R. the life of Eleanor Roosevelt*. Putnam '58 p373-5

ROOSEVELT, Franklin Delano, 1882-1945

Burns, James MacGregor. *Roosevelt: the lion and the fox*. Harcourt '56 p490-538 annot
Greer, Thomas H. *What Roosevelt thought: the social and political ideas of Franklin D. Roosevelt*. Mich. state univ. press '58 p229-34
Robinson, Edgar Eugene. *Roosevelt leadership, 1933-1945*. Lippincott '55 p411-80 annot
Schlesinger, Arthur Meier. *Age of Roosevelt*; v 1, *The crisis of the old order, 1919-1933*. Houghton '57 p489-542
Tugwell, Rexford Guy. *Democratic Roosevelt; a biography of Franklin D. Roosevelt*. Doubleday '57 p683-6

ROOSEVELT, Theodore, 1858-1919

American academy of arts and letters. *Theodore Roosevelt, man of letters; a centennial exhibition of bks, mss, and related literary material*, Dec. 6, 1957 to Jan. 5, 1958. The academy '57 np
Cutright, Paul Russell. *Theodore Roosevelt, the naturalist*; foreword by Fairfield Osborn. Harper '56 p283-7

Mowry, George Edwin. *Era of Theodore Roosevelt, 1900-1912*. (New Am. nation ser) Harper '58 p297-316 annot

Putnam, Carleton. *Theodore Roosevelt, a biography*; v 1, *The formative years, 1858-1886*. Scribner '58 p 609-16 annot

Theodore Roosevelt round-up, a biographical sketch by Hermann Hagedorn, together with selections from his writings and speeches, views of his contemporaries, and cartoons of the period; comp. and ed. by Sidney Wallach. *Theodore Roosevelt centennial comm.* '58 p 165-70

Wagenknecht, Edward Charles. *Seven worlds of Theodore Roosevelt*. Longmans '58 p301-17 annot

ROOSVAL, Johnny August Emmanuel, 1879-

Lundqvist, Maja. *Bibliographia Roosvaliana; fullständig förteckning över professor Johnny Roosvals tryckta skrifter, 1897-1954*. Nordisk rotogravyr '54 79p

ROOT galls. See Galls (botany)

ROOT nodules. See Root tubercles

ROOT rot

Benedict, W. G. and Mountain, W. B. *Studies on the etiology of a root rot of winter wheat in southwestern Ontario*. *Can J Bot* 34:173-4 Ja '56

Keller, J. R. and Shanks, J. B. *Poinsettia root rot*. *Phytopathology* 45:558 O '55

Mountain, W. B. *Studies of nematodes in relation to brown root rot of tobacco in Ontario*. *Can J Bot* 32:758-9 N '54

Rhoads, A. S. *Occurrence and destructiveness of clitocybe root rot of woody plants in Florida*. *Lloydia* 19:239-40 D '56

ROOT tubercles

Allen, E. K. and others. *Morphological development of nodules on caragana arborescens*. *Lam. Can J Bot* 33:147-8 Mr '55

Bowen, G. D. *Nodulation of legumes indigenous to Queensland*. *Queensland J Ag Sci* 13:54-6 Mr '56

Fletcher, W. W. *Development and structure of the root-nodules of myrica gale L. with special reference to the nature of the endophyte*. *Ann Bot* 19:512-13 O '55

ROOT tubercles—*Continued*

- Lehner, A. and Nowak, W. Morphological studies on nodule bacteria cultures (rhizobium sp) *Can J Microbiol* 3:409-10 Mr '57
- Nutman, P. S. Influence of the legume in root-nodule symbiosis. *Cambridge Philos Soc Biol R* 31:140-51 My '56

ROOTS

- Beakbane, A. B. and Rogers, W. S. Relative importance of stem and root in determining rootstock influence in apples. *J Hort Sci* 31:109-10 Ap '56
- Bergersen, F. J. Structures of ineffective root nodules of legumes. *Australian J Biol Sci* 10:241-2 Ag '57
- Ferguson, J. D. and others. Carbohydrate nutrition of tomato roots. *Ann Bot* 22:523, 533; 23:105 O '58-Ja '59
- Manner, R. Occurrence of plants with only one seminal root in rye and wheat and its consequence. *Acta Ag Scand* 7 no2:273-4 '57
- Nederlandsch genootschap voor landbouw-wetenschap. De plantenwortel in de landbouw; voordrachten, gehouden op de A-cursus van 14-16 Sept. 1954; uitgaande van het Genootschap, het Nederlands inst. van landbouwkundig ingenieurs, het Ministerie van landbouw, visserij en voedselvoorziening en de Landbouwhogeschool. Ministerie van landbouw visserij en voedselvoorziening '55 incl bibliog
- Nelson, S. H. and Tukey, H. B. Effects of controlled root temperatures on the growth of East Malling rootstocks in water culture. *J Hort Sci* 31:62-3 Ja '56
- Popham, R. A. Zonation of primary and lateral root apices of *pisum sativum*. *Am J Bot* 42:272-3 Mr '55
- Stangler, Bernard B. Origin and development of adventitious roots in stem cuttings of *chrysanthemum*, *carnation*, and *rose*. (Memoir 342) Agricultural experiment station, Cornell univ. '56 p22-4
- Street, H. E. Excised root culture. *Cambridge Philos Soc Biol R* 32:150-5 My '57
- Sun, C. N. Growth and development of primary tissues in aerated and non-aerated roots of soybean. *Torrey Bot Club Bul* 82: 501-2 N '55
- Torrey, J. G. On the determination of vascular patterns during tissue differentiation in excised pea roots. *Am J Bot* 42:197-8 F '55
- Wiebe, H. H. and Kramer, P. J. Translocation of radioactive isotopes from various regions of barley seedlings. *Plant Physiol* 29:348 Jl '54
- See also
Rhizosphere microbiology
- Diseases and pests
- Garrett, Stephen Denis. Biology of root-infecting fungi. *Cambridge* '56 p253-84
- Groves, A. B. Root diseases of deciduous fruit trees. *Bot R* 24:38-42 Ja '58
- ROPS, Henry Daniel. See Daniel-Rops, H.
- RORSCHACH test
- Baughman, E. E. Role of the stimulus in Rorschach responses. *Psychol Bul* 55:144-7 My '58
- Benton, Arthur Lester, ed. & tr. Rorschach and the epileptic personality (Le test de Rorschach et la personnalité épileptique) [by] J. Delay [and others] tr. by Rita and Arthur L. Benton; with commentary by Zygmunt A. Piotrowski. (Logos pub. in behavioral science) Logos press '58 p234-41, 253
- Bohm, Ewald Bernhard. Lehrbuch der Rorschach-psychodiagnostik für psychologen, ärzte und pädagogen. 2d rev & enl ed Huber '57 p411-18
- Brooks, M. O. Cognitive significance of Rorschach developmental scores. *J Personality* 26:289-90 Je '58
- Dr. Hermann Rorschach: psychodiagnostics; bibliography. Grune '54 64p
- Johnson, L. C. and Stern, J. A. Rigidity on the Rorschach and response to intermittent photic stimulation. *J Consult Psychol* 19:317 Ag '55
- Kahn, Samuel. Rorschach resume; Rorschach ink blot personality testing. *Dynamic psychological soc. press* '56 p54-60
- Kijm, Jan Marie. De varianten der intentionaliteit bij de Rorschach-test. *Dekker & Van de Vegt* '51 p 147-50
- Knopf, I. J. Rorschach summary scores in differential diagnosis. *J Consult Psychol* 20: 104 Ap '56
- Piotrowski, Zygmunt A. L. Perceptual analysis; a fundamentally reworked, expanded, and systematized Rorschach method. *Macmillan* '57 p475-85
- Schafer, Roy. Psychoanalytic interpretation in Rorschach testing: theory and application. (Austen Riggs foundation. Monograph ser, no3) Grune '54 p432-8
- ROS, Amanda M'Kittrick, fl 1897-1933
- Loudan, Jack. O rare Amanda! the life of Amanda McKittrick Ros [bibliog. by T. Stanley Mercer] Chatto '54 p 195-200
- ROSA, Salvatore, 1615-1673
- Limentani, Uberto. *Biografia della vita e delle opere di Salvatore Rosa*. (Amor di libro. Piccole monografie bibliografiche, 19) Sansoni '55 79p
- ROSACEAE
- See also
Cinquefoil
- ROSCOE, William, 1753-1831
- Roscoe, William. William Roscoe of Liverpool; introd. by Sir Alfred Shennan; pref. by Vere E. Cotton. *Batsford* '53 p 153-7
- ROSE, Bruce, 1890-1956
- Baker, M. B. Memorial to Bruce Rose (1890-1956) *Geol Soc Am Proc* 1956:165-6 S '57
- ROSE, Ernestine Louise, 1810-1892
- Suhl, Yuri. Ernestine L. Rose and the battle for human rights. *Reynal & co.* '59 p293-4
- ROSE mallows
- Dickey, Ralph Davis. *Hibiscus in Florida*. (Bul. 168) Fla. Agricultural extension service '58 p31-2
- ROSEBUD, Battle of the, 1876
- Vaughn, J. W. With Crook at the Rosebud. *Stackpole co.* '56 p239-40
- ROSENBERGER, Homer Tope, 1908-
- Rubincam, Milton, ed. *Homer Tope Rosenberger; a bibliog. record; foreword by Millicent Barton Rex*. Pa. historical junto '58 58p
- ROSENHEIM, Otto, 1871-1955
- King, H. Sigmund Otto Rosenheim, 1871-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p263-7)
- ROSES
- Park, Bertram. Guide to roses. *Van Nostrand* '56 p280-1
- Thomson, Richard. Old roses for modern gardens. *Van Nostrand* '59 p 147-8
- ROSLIN, Alexander, 1718-1793
- Lundberg, Gunnar W. Roslin; liv och verk; avec un résumé en français et le catalogue des œuvres. *Allhems förlag* '57 3v in 2 v3, p 109-44
- ROSSETTI, Dante Gabriel, 1828-1882
- Doughty, Oswald. Dante Gabriel Rossetti. (Bibliog. ser. of sups. to British bk. news, no85) Longmans '57 p29-32
- ROSSI, Alessandro, 1819-1893
- Cappi Bentivegna, Ferruccio. *Alessandro Rossi e i suoi tempi*. Barbera '55 p377-88
- ROSSI, Ettore, 1894-1955
- Gandjeff, T. Ettore Rossi, 1894-1955. *Ural-Altäische Jahrb* 27:241-4 '55
- ROSSINI, Gioacchino, 1792-1868
- Beyle, Marie Henri. Life of Rossini, by Stendhal [pseud] tr. by Richard N. Coe. *Criterion bks.* '57 p475-7
- ROSTAGNI, Augusto, 1892-
- Rostagni, Augusto. *Scritti minori; v 1, Aesthetica. Bottega d'Erasmo* '55 p xiii-li
- ROSTOVZEFF, Michael Ivanovich, 1870-1952
- Welles, C. B. *Bibliography—M. Rostovtzeff*. *Historia* 5:360-81 S '56
- ROZAK, Theodore J. 1907-
- Walker art center, Minneapolis. Theodore Rozak [by] H. H. Arnason. *The center* '56 p54
- ROTA, Ettore, 1883-
- Vaccari, Pietro, and Palumbo, Pier Fausto, eds. *Studi di storia medievale e moderna, in onore di Ettore Rota*. (Biblioteca storica, 3) Ed. del lavoro '58 incl bibliog
- ROTARY international
- Frederick, J. T. Speaking of books. *Rotarian* 86:40-1 My '55

ROTATION of crops

Janes, Byron Everett, and others. 14-year study of vegetable crop rotations on a Merrimac fine sandy loam soil in Connecticut. (Bul. 319) Storrs agricultural experiment station, Univ. of Conn. '55 p50-1

Thompson, Mark J. Studies on soil fertility and crop rotation at the Northeast experiment station, Duluth, Minnesota, 1916-1952. (Technical bul. 220) Agricultural experiment station, Univ. of Minn. '57 p53-5

ROTHACKER, Erich, 1888-

Funke, Gerhard, ed. Konkrete vernunft: fest-schrift für Erich Rothacker. Bouvier '58 p435-44

ROTHERTS, Hermann, 1875-

Schröder, A. Bibliographie von Hermann Rotherts schrifttum zur westfälischen geschichte. Westfälische Forsch 8:181-3 '55

ROTTMANN, Carl, 1797-1850

Decker, Hugo. Carl Rottmann. (Denkmäler deutscher kunst) Deutscher verein für kunstwissenschaft '57 p 184-7

ROUANET, Joseph, 1797-1865

McKusick, V. A. Rouanet of Paris and New Orleans. Bul Hist Med 32:149-51 Mr '58

ROUAULT, Georges, 1871-1958

Venturi Lionello. Rouault: biographical and critical study; tr. from the Italian by James Emmons. (Taste of our time, v26) Skira '59 p 127-30

ROUMANIA. See Rumania

ROUSSEAU, Félix, 1887-

Etudes sur l'histoire du pays mosan au moyen âge; mélanges Félix Rousseau [recueil offert en hommage à Monsieur Félix Rousseau par ses collègues, ses anciens élèves et ses amis: bibliog. par J. Muller] Renaissance du livre '58 p7-19

ROUSSEAU, Jean Jacques, 1712-1778

Voisine, Jacques. J.-J. Rousseau en Angleterre à l'époque romantique; les écrits autobiographiques et la légende. (Etudes de littérature étrangère et comparée, 31) Didier '56 p445-63

ROWAN, William, 1891-1957

Salt, W. R. In memoriam: William Rowan. Auk 75:389-90 O '58

ROWLEY, Harold Henry, 1890-

Society for Old Testament study. Wisdom in Israel and in the ancient Near East: presented to Professor Harold Henry Rowley by the Society, in celebration of his sixty-fifth birthday, 24 March 1955; ed. by M. Noth and D. Winton Thomas [bibliog. by G. H. Davis] (Supps. to Vetus testamentum, v3) Brill '55 p xi-xix

ROY, Jules, 1907-

Ouvres de Jules Roy; essai de bibliographie. Biblio 24:10 Ap '56

ROY, Manabendra Nath, 1893-1954

Wilson, Patrick. Preliminary checklist of the writings of M. N. Roy. (Modern India project. Bibliog. study no 1) South Asia studies, Inst. of East-Asiatic studies, Univ. of Calif. '55 12p

—Same; with title: Checklist of the writings of M. N. Roy. rev ed (Modern India project. Bibliog. study no 1) South Asia studies, Inst. of East Asiatic studies, Univ. of Calif. '57 14p annot

ROYCE, Josiah, 1855-1916

Woodworth, R. S. Josiah Royce. (In National academy of sciences, Biographical memoirs. (V33) Columbia univ. press '59 p392-6)

RUANDA-URUNDI

Heyse, Théodore. Documentation générale sur le Congo et le Ruanda-Urundi, 1953-1955[1955-1958] Cahiers belges et congolais, no26, 31) G. van Camphenout '56-'58 2v

Maquet, Jacques Jerome Pierre. Le système des relations sociales dans le Ruanda ancien. (Annales. Sciences de l'homme. Ethnologie, v 1) Musée du Congo belge '54 p212-21

Wattel, Pierre. Bibliographie des mémoires de l'Institut des territoires d'outre-mer. (Bibliographie belgia 11) Comm. belge de bibliographie '55 95p

RUBBER

American society for testing materials. Symposium on effect of ozone on rubber. (ASTM Special technical pub. no229) The society '58 incl bibliog

American chemical society. Division of rubber chemistry. Bibliography of rubber literature (including patents) 1949-51 [-1952-54] (V9-10) The division '57-'59 2v annot

Bekkedahl, N. and Tryon, M. Natural and synthetic rubbers. Anal Chem 27:596-8 Ap '55

Bibliography. See numbers of Rubber world

Braendle, H. A. Improving the carbon-rubber bond. Rubber World 136:840 S '57

Drogin, I. Effects of mixing time on properties imparted to rubber by reinforcing carbon blacks. Rubber Age 80:498-9 D '56

Fisher, Harry Linn. Chemistry of natural and synthetic rubbers. Reinhold '57 incl bibliog

Gough, V. E. Friction of rubber. Engineer 206:704, 743 O 31-N 7 '58

McPherson, Archibald Turner, and Klein, Alexander, eds. Engineering uses of rubber. Reinhold '56 incl bibliog

Paris. Institut français du caoutchouc. Rubber: fundamentals of its science and technology, by Jean Le Bras; pref. by H. F. Mark; tr. by Irene E. Berck. Chemical pub. co. '57 incl bibliog

Peters, H. Hard rubber. Ind & Eng Chem 47:2022 S '55

Research association of British manufacturers. Rubber abstracts. The association. See numbers

Rubber reviews for 1958 [-1959] Rubber Chem & Tech 31:959-1210; 32:1269-1682 D '58, D '59

Schultes, R. E. Amazon Indian and evolution in hevea and related genera. Arnold Arbor J 37:146-7 Ap '56

Tobolsky, A. V. Trends in rubber research. Rubber World 139:861-2+ Mr '59

Tryon, M. and Linnig, F. J. Natural and synthetic rubbers. Anal Chem 29:720-1; 31:772-6 Ap '57, Ap '59

Wood, L. A. Elasticity of rubber. Wash Acad Sci J 47:297-9 S '57

Yescombe, Edward Raymond. Rubber: natural and synthetic. (Special subject lists, no27) Lib. assn. '58 10p

See also

Balata

Latex

Vulcanization

RUBBER (hevea)

Bandurski, R. S. and Teas, H. J. Rubber biosynthesis in latex of hevea brasiliensis. Plant Physiol 32:647-8 N '57

Rands, Robert Delafeld, and Polhamus, Loren George. Progress report on the cooperative hevea rubber development program in Latin America. (U.S. Dept. of agriculture. Circ. no976) U.S. Gov. ptg. office '55 p74-9

RUBBER, Artificial

Bekkedahl, N. and Tryon, M. Natural and synthetic rubbers. Anal Chem 27:596-8 Ap '55

Breuers, Wilhelm, and Luttrupp, H. Buna: herstellung, prüfung, eigenschaften. Verlag Technik '54 incl bibliog

Fisher, Harry Linn. Chemistry of natural and synthetic rubbers. Reinhold '57 incl bibliog

Fisher, H. L. and Garvey, B. S. Elastomers. Ind & Eng Chem 47:1970-2; 48:1719-20; 49:1595-8 S '55, S '56, S '57

Garvey, B. S. Elastomers. Ind & Eng Chem 50:1441-3 S '58

Reconstruction finance corporation. Office of synthetic rubber. Abstracts of technical papers from the government synthetic rubber program. The office '53 4v

Research association of British manufacturers. Rubber abstracts. The association. See numbers

Rubber reviews for 1958 [-1959] Rubber Chem & Tech 31:959-1210; 32:1269-1682 D '58, D '59

Tobolsky, A. V. Trends in rubber research. Rubber World 139:861-2+ Mr '59

Tryon, M. and Linnig, F. J. Natural and synthetic rubber. Anal Chem 29:720-1; 31:772-6 Ap '57, Ap '59

Yescombe, Edward Raymond. Rubber: natural and synthetic. (Special subject lists, no27) Lib. assn. '58 10p

RUBBER goods

Manufacture

Akron. University. Rubber division. Library. Finishing of small molded rubber goods. (Bibliog. no27) The library '56 5p annot

- RUBBER industry and trade**
American chemical society. Division of rubber chemistry. Bibliography of rubber literature (including patents) 1949-51 [-1952-54] (V9-10) The division '57-'59 2v annot
- Noble, Royce Jennings. Latex in industry. 2d ed Rubber age '53 incl bibliog
- RUBBER tires.** See Tires, Rubber
- RUBENS, Sir Peter Paul, 1577-1640**
Rubens, Sir Peter Paul. Letters; tr. and ed. by Ruth Saunders Magurn. Harvard univ. press '55 p431-2 annot
- RUBIN, Isidor Clinton, 1883-**
Rubin, Isidor Clinton. Collected papers 1910-1954. The author '54? incl bibliog
- RUBOW, Paul Victor, 1896-**
Fenger, Henning, and others, eds. Festschrift til Paul V. Rubow, 1896-9. januar-1956; fra fagfæller og elever. Gyldendal '56 p367-415
- RUBUS**
Watson, W. C. R. Handbook of the rubi of Great Britain and Ireland. Cambridge '58 p265-6
- RUEDEMANN, Rudolf, 1864-1956**
Golding, W. Memorial to Rudolf Ruedemann. Geol Soc Am Proc 1957:157 '53
- RUFFINI, Paolo, 1765-1822**
Barbensi, Gustavo. Paolo Ruffini. Accademia di scienze, lettere e arti '56 p 123-7
- RUGEN**
Rudolph, Wolfgang, and Burkhardt, Albert. Bibliographie der insel Rügen, 1945-1954. Bezirksbibliothek Rostock '55 25p
- RUGS and carpets**
Washington, D.C. Textile museum. Cairene rugs and others technically related, 15th century-17th century, by Ernest Kühnel; technical analysis by Luisa Bellinger. Washington nat. pub. co. '57 p83-4
- RUIN, Hans Valdemar, 1891-**
Hjorth, Daniel, ed. Hans Ruin. 18. 6. 1956. (Skriptserie, 10) Malmö nation, Lund. Univ. '56 p95-7
- RULE of law**
American bar association. Section on international and comparative law. Rule of law in the United States; a statement by the Com. to cooperate with the int. comm. of jurists. The association '58 p 102-5
- RUMANIA**
Cretzianu, Alexandre, ed. Captive Rumania; a decade of Soviet rule; contributors: Romulus Bolla [and others] Praeger '56 p409-15
- History
Sources**
- Documenta privind istoria României: Războiul pentru independență. Mihail Roller, redactor responsabil. Editura Academiei Republicii Populare Române '53-'55 9v in 10
- ROMANIAN language**
Lombard, Alf. Le verbe roumain; étude morphologique. (Humanistika vetenskapssamfundet i Lund. Skrifter 52:1-2) Gleerup '54-'55 2v v2, p 1132-41
- RUMEN.** See Stomach
- RUMEN, Artificial.** See Stomach, Artificial
- RUMINANTS**
Hamilton, Peter, and others. Measure of digestion in the ruminant. (Bul. 543) Me. agricultural experiment station '55 p26-7
- See also*
Cattle
Deer
- RUNIC inscriptions.** See Inscriptions, Runic
- RUPTURE.** See Hernia
- RURAL church.** See Country church
- RURAL community schools.** See Community schools
- RURAL life.** See Country life
- RURAL schools**
Archer, Clifford Paul. Elementary education in rural areas. Ronald '58 incl bibliog annot
- Braithwaite, John M. and King, Edward J. Multiple-class teaching; a study of the organization and teaching practices of one-teacher schools in New South Wales, Australia. (Educational studies and docs, no 12) Education clearing house, UNESCO '55 p38-42 annot
- National education association of the United States. Department of rural education. Rural education, a forward look. (Yearbk. 1956) The department '55 p417-41
- National education association of the United States. Department of rural education. Teaching in the small community; ed. by Robert S. Fox. (Yearbk. 1956) The association '56 p 173-82 annot
- United Nations educational, scientific and cultural organization. Training of rural school teachers. (Problems in education, 7) The organization '53 incl bibliog
- RURAL social work.** See Social work, Rural
- RURAL sociology.** See Sociology, Rural
- RUSKIN, John, 1819-1900**
Autret, Jean. L'influence de Ruskin sur la vie, les idées et l'œuvre de Marcel Proust. Droz '55 p 168-78
- Quennell, Peter. John Ruskin. (Bibliog. ser. of sups. to British bk. news, no76) Longmans '56 p31-6
- Viljoen, Helen Gill. Ruskin's Scottish heritage; a prelude. Univ. of Ill. press '56 p257-66
- RUSSELL, William Adam, 1903-**
Russ, W. A. Bibliography of published writings (1931-1955) Susquehanna Univ Stud 5:221-8 My '55
- RUSSELL, Henry Norris, 1877-1957**
Shapley, H. Henry Norris Russell. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '53 p364-78)
- Stratton, F. J. M. Henry Norris Russell, 1877-1957. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 185-91)
- RUSSELL, William Fletcher, 1890-**
Cremin, L. A. and Derring, C. E. Writings of William F. Russell. Teach Coll Rec 59: 174-8 D '57
- RUSSIA**
Bauer, Raymond Augustine, and others. How the Soviet system works; cultural, psychological, and social themes. (Harvard univ. Russian research center. Studies, 24) Harvard univ. press '56 p252-65 annot
- Berton, Peter Alexander Menquez, and others. Japanese training and research in the Russian field. (Los Angeles. Univ. of Southern Calif. School of int. relations. Far Eastern and Russian research ser. no 1) Univ. of Southern Calif. press '56 p215-61
- Bibliography: books, pamphlets, and articles on Russia published in 1954[-1958] Russian R 14:275-91; 15:218-32; 16:70-90; 17:229-48; 18:257-75 J1 '55, J1 '56, J1 '57, J1 '58, J1 '59
- Centro del libro popolare. Bibliografia su l'Unione Sovietica [a cura del] Centro del libro popolare e della Associazione Italia-U.R.S.S. The center '52 34p
- Columbia university. Russian institute. Report on research and publication, 1946/59. The institute '60 84p
- Dallin, David J. Changing world of Soviet Russia. Yale univ. press; Oxford '56 p396-403
- Fitzsimmons, Thomas, ed. RSFSR; Russian Soviet Federated Socialist Republic; contributors: Clifford R. Barnett [and others] (Country survey ser.) Human relations area files '57 2v v2, p611-33
- Gunther, John. Inside Russia today. Harper '58 p515-20
- Huszar, George Bernard de, ed. Soviet power and policy [by Edward Ames, and others] Crowell '55 incl bibliog
- Institut zur erforschung der UdSSR. Institute publications, 1951-1956; consolidated table of contents. The institute '57 36p
- Kulski, Wladyslaw Wszzebór. Soviet regime; communism in practice. 3d ed Syracuse univ. press '59 p475-511
- Long, John. Modern Russia; an introduction. Philosophical lib. '53 p 171-6
- Masaryk, Tomáš Garrigue. Spirit of Russia; studies in history, literature and philosophy; tr. from the German original by Eden and Cedar Paul; with additional chapters and bibliogs. by Jan Slavík; the former tr. and the latter condensed and tr. by W. R. & Z. Lee. 2d ed Macmillan '55 2v v2, p627-53

RUSSIA—Continued

Munich. Osteuropa-institut. Sowjetbuch; herausgeber: Hans Koch [et al] (Bücher des Deutschen Industrieinstituts) Deutsche Industrie verlags-gmbh '57 p589-687

Thiel, Erich. Soviet Far East; a survey of its physical and economic geography; tr. by Annelie and Ralph M. Rockwood. (Bks. that matter) Praeger '57 p363-77

See also

Ukraine

United nations—Russia

Air force

Stockwell, Richard E. Soviet air power. Pageant press '56 p227-31

Antiquities

Miller, Mykhailo Oleksandrovych. Archaeology in the U.S.S.R. (Praeger pub. in Russian history and world communism, no25; East European fund. Research program on the U.S.S.R. Research monograph no3) Praeger '56 p207-17

Armed forces

United States. Department of the army. Army library. Soviet military power. (Pamphlet no. 20-65) The library '59 186p annot

Description and travel

Sowjetgeographie: bibliographie. See numbers of Petermanns geographische mitteilungen

Economic conditions

Krypton, Constantine, pseud. Northern sea route and the economy of the Soviet north; pub. for the research program on the U. S. S. R. (Studies on the U. S. S. R. no 14; Praeger pub. in Russian history and world communism, no42) Praeger '56 p 183-209

Rand corporation. Selected list of unclassified research memoranda of the Economic division of the Corporation. rev ed (Research memorandum, RM-821-5) The corporation '57 16p

Roletto, Giorgio. La costruzione economica sovietica: formazione, struttura, tendenze. (Trieste. Univ. Istituto di geografia. Colana di monografie. Ser2: Le superpotenze economiche. 1) Giuffrè '55 incl bibliog

Economic history

Czyrowski, Nicholas L. Economic factors in the growth of Russia; an economic-historical analysis. Philosophical lib. '57 p 166-73

Economic policy

Davies, Robert William. Development of the Soviet budgetary system; with a foreword by Alexander Baykov. Cambridge '58 p344-52

Foreign economic relations

Berliner, Joseph S. Soviet economic aid; the new aid and trade policy in underdeveloped countries. (Council on foreign relations. Pub) Praeger '58 p224-8

Sapir, Michael. New role of the Soviets in the world economy; a sup. paper. Com. for economic development '58 p54-6

Foreign relations

Cattell, David Tredwell. Soviet diplomacy and the Spanish Civil war. (Calif. Univ. Pubs. in int. relations, v5) Univ. of Calif. press '57 p 179-90

Duroselle, Jean Baptiste, ed. Les frontières européennes de l'U.R.S.S. 1917-1941; recueil d'études par Chantal Beaucourt [et al] (Fondation nat. des sciences politiques. Cahiers, 85) Colin '57 p331-45

Mitchell, Mairin. Histoire maritime de la Russie; tr. de René Jouan. (Coll. Terres et mers) Deux-Rives '52 p397-427

Smith, Clarence Jay. Russian struggle for power, 1914-1917; a study of Russian foreign policy during the first World war. Philosophical lib. '56 p515-25 annot

See also

Panslavism

Asia

Eudin, Xenia Joukoff, and North, Robert Carver. Soviet Russia and the East, 1920-1927; a doc. survey. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Pub. no25) Stanford univ. press '57 p405-55

Balkan states

Jelavich, Charles. Tsarist Russia and Balkan nationalism; Russian influence in the internal affairs of Bulgaria and Serbia, 1879-1886. (Russian and East European studies) Univ. of Calif. press '58 p287-94

Meissner, Boris. Die Sowjetunion, die baltischen staaten und das völkerrecht. Verlag für politik & wirtschaft '56 p318-48

China

Ch'eng, T'ien-fang. History of Sino-Russian relations; introd. by John Leighton Stuart. Public affairs press '57 p376-81

McLane, Charles B. Soviet policy and the Chinese Communists, 1931-1946. (Columbia univ. Russian inst. Studies) Columbia univ. press '58 p277-94

North, Robert Carver. Moscow and Chinese Communists. (Hoover inst. studies. Special studies) Stanford univ. press '53 p287-95

Wei, Wên-ch'î. China and Soviet Russia, by Henry Wei; with an introd. by Quincy Wright. Van Nostrand '56 p349-57

Europe

Eudin, Xenia Joukoff, and others. Soviet Russia and the West, 1920-1927; a doc. survey. (Stanford univ. Hoover inst. and lib. on war, revolution, and peace. Pub. no26) Stanford univ. press '57 p419-42

Far East

Malozemoff, Andrew. Russian Far Eastern policy, 1881-1904; with special emphasis on the causes of the Russo-Japanese war. (Russian and East European studies) Univ. of Calif. press '58 p317-47

Germany

Freund, Gerald. Unholy alliance; Russian-German relations from the Treaty of Brest-Litovsk to the Treaty of Berlin; with an introd. by J. W. Wheeler-Bennett. Harcourt '57 p261-70

Tibet

Mehra, P. L. Tibet and Russian intrigue. Roy Cent Asian Soc J 45:37-42 Ja '58

United States

Scott, John. Political warfare; a guide to competitive coexistence; with a foreword by C. D. Jackson. Day '55 p245-9

Tarsaidzé, Alexandre. Czars and presidents: the story of a forgotten friendship. McDowell '58 p359-69

History

Charques, Richard. Twilight of imperial Russia. Essential bks. '59 p251-2

Harcave, Sidney Samuel. Russia, a history. 3d ed Lippincott '56 p i-xvii at end annot

Karazin, Nikolai Mikhailovich. Memoir on ancient and modern Russia; a tr. and analysis [by] Richard Pipes (Harvard univ. Russian research center. Studies, 33) Harvard univ. press '59 incl bibliog

Kohn, Hans. Basic history of modern Russia; political, cultural and social trends. Van Nostrand '57 p 185-6

Koslow, Jules. Kremlin; eight cents. of tyranny and terror. Nelson '58 p233-6

Payne, Pierre Stephen Robert. Terrorists; the story of the forerunners of Stalin. Funk '57 p351-5 annot

Walsh, Warren Bartlett, comp. & ed. Readings in Russian history. 3d ed Syracuse univ. press '59 incl bibliog

Walsh, Warren Bartlett. Russia and the Soviet Union; a modern history. (Univ. of Mich. history of the modern world) Univ. of Mich. press '58 p605-40 annot

To 1533

Backus, Oswald Prentiss. Motives of west Russian nobles in deserting Lithuania for Moscow, 1377-1514. Univ. of Kan. press '57 p 155-63

RUSSIA—Continued

20th century

Treadgold, Donald Warren. Twentieth century Russia. (Rand McNally history ser) Rand McNally '59 p491-510 annot

War with Japan, 1904-1905

See Russo-Japanese war. 1904-1905

Revolution of 1905

See also
Populism in Russia (narodnichestvo)

1917-

Rauch, Georg von. Geschichte des bolschewistischen Russland. Rheinische verlagsanstalt '55 p539-99

—Same with title: History of Soviet Russia; tr. by Peter and Annette Jacobsohn. Praeger '57 p463-76

Revolution, 1917-1921

Laran, M. Sur les origines idéologiques de la révolution russe: les tendances de l'opposition en Russie, de la fin du XIX^e siècle à 1905 (d'après des ouvrages et articles étrangers récents) R Hist 220:95-110 J1 '58

Page, Stanley W. Lenin and world revolution. N.Y. univ. press '59 p245-8

Prague. Universita Karlova. Knihovna. Říjnová revoluce; soupis literatury o velké říjnové socialistické revoluci a jejím ohlasu v Československu; sest. Vilém Nový. (Čteme a studujeme, v 1957, no5) The library '57 50p

Radkey, Oliver Henry. Agrarian foes of bolshevism; promise and default of the Russian socialist revolutionaries, Feb. to Oct. 1917. (Columbia univ. Russian inst. Studies) Columbia univ. press '58 p486-500 annot

Schapiro, Leonard Bertram. Origin of the communist autocracy; political opposition in the Soviet state; first phase, 1917-1922. Harvard univ. press '55 p369-87

Schötzau, Richard, and Gittig, Heinz. Die Grosse sozialistische oktoberrevolution. (Schriftenreihe des Arbeitskreises der gesellschaftswissenschaftlichen beratungsstellen an den dem Staatssekretariat für hochschulwesen unterstellten wissenschaftlichen bibliotheken, no5) Deutsche staatsbibliothek '57 88p

Allied intervention, 1918-1920

Morley, James William. Japanese thrust into Siberia, 1918. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p369-80 annot

Unterberger, Betty Miller. America's Siberian expedition, 1918-1920; a study of nat. policy. Duke univ. press '56 p247-59 annot

German occupation, 1941-1944

Dallin, Alexander, and Latour, Conrad F. German occupation of the USSR in World war II; a bibliography. (External research paper no 122) Office of intelligence research, U.S. Dept. of state '55 76p

History, Naval

Mitchell, Mairin. Histoire maritime de la Russie; tr. de René Jouan. (Coll. Terres et mers) Deux-Rives '52 p397-427

Industries and resources

National bureau of economic research. Study of Soviet economic growth. Statistical abstract of industrial output in the Soviet Union, 1913-1955; v 5, Bibliography. The bureau '56 54p

—Supplement. The bureau '57 p 133-6
Princeton university. Industrial relations section. Management in the Soviet Union. (Sel. references, no81) The section '58 4p annot

Intellectual life

Kohn, Hans, ed. Mind of modern Russia; historical and political thought of Russia's great age. Rutgers univ. press '55 p287-91

Kulski, Władysław Wszebór. Soviet regime; communism in practice. rev ed Syracuse univ. press '56 p817-30

Tompkins, Stuart Ramsay. Russian mind; v 1. From Peter the Great through the enlightenment. Univ. of Okla. press '53 p251-77

Languages

United States. Adjutant-general's office. Administrative service division. Bibliography of textbooks in non-Slavic languages used in the Soviet-Union. Departmental records branch '54 51p

Military policy

Garthoff, Raymond L. Soviet strategy in the nuclear age. (Praeger pub. in Russian history and world communism, no71) Praeger '58 p253-74 annot

United States. Department of the Army. Army library. Soviet military power. (Pamphlet no. 20-65) The library '59 186p annot

Nobility

Backus, Oswald Prentiss. Motives of west Russian nobles in deserting Lithuania for Moscow, 1377-1514. Univ. of Kan. press '57 p 155-63

Politics and government

Hazard, John Newbold. Soviet system of government. (Chicago lib. of comparative politics) Univ. of Chicago press '57 p241-8 annot

Hendel, Samuel, ed. Soviet crucible; Soviet government in theory and practice; ed. with introd. notes. (Van Nostrand political science ser) Van Nostrand '59 p579-87

Ranney, John Calver, and Carter, Gwendolen Margaret. Major foreign powers; the govs. of Great Britain, France, Germany, and the Soviet Union; 3d ed. by Gwendolen M. Carter [and others] Harcourt '57 p721-92
Scott, Derek John Randale. Russian political institutions. (Minerva ser. of students' handbks) Rinehart '53 p251-6 annot

See also

Communist party (Russia)

Religion

Spinka, Matthew. Church in Soviet Russia. Oxford '56 p 167-9

Satellite states

Pool, Ithiel de Sola. Satellite generals; a study of military elites in the Soviet sphere; with the collaboration of George K. Schueller [and others] (Hoover inst. studies; SerB: Elites, no5) Stanford univ. press '55 p 157-65

Social conditions

Bill, Valentine Tschebotarioff. Forgotten class; the Russian bourgeoisie from the earliest beginnings to 1900. (Praeger pub. in Russian history and world communism, no82) Praeger '59 p221-9

Inkeles, Alex, and others. Soviet citizen; daily life in a totalitarian society. (Harvard univ. Russian research center. Studies, 35) Harvard univ. press '59 p464-7

Kulski, Władysław Wszebór. Soviet regime; communism in practice. rev ed Syracuse univ. press '56 p817-30

RUSSIA. White. See White Russia

RUSSIAN church. See Orthodox Eastern church
RUSSIAN drama

See also

White Russian drama

Translations into Czech

Šrámek, Vladimír. Hry k 40. výročí velké říjnové revoluce. Dilia '57 104p

RUSSIAN literature

Harvard university. Library. Kilgour collection of Russian literature, 1750-1920; with notes on early bks. and mss. of the 16th and 17th centuries. Harvard univ. press '59 1v

See also

White Russian literature

History and criticism

Mathewson, Rufus Wellington. Positive hero in Russian literature. Columbia univ. press '58 p335-48

Pheips, Gilbert. Russian novel in English fiction. (Hutchinson's univ. lib; English literature) Hutchinson '56 p 195-7

Slonim, Marc. Outline of Russian literature. Oxford '53 p225-30

Stender-Petersen, Adolf. Geschichte der russischen literatur [von Wilhelm Krämer ins deutsche übersetzt] Beck '57 2v v 1, p438-62; v2, p544-72

RUSSIAN literature—Continued

Translations from foreign literatures

Kern, Cyprien. Les traductions russes des textes patristiques; guide bibliographique. Eds. de Chevelogne '57 74p

Translations into Czech

Prague. Výzkumný ústav pedagogický J. A. Komenského. Přehled prekladů z ruské a sovětské literatury pro mládež do češtiny, z let 1900-1950; zpracovali Pravoslav Hykeš a Zdeňka Marčanová. (Zprávy) The institution '52 56p

Translations into Danish

Malinovskii, Ivan. Russiske bøger i danske oversættelser; en bibliografi. Borgen '53 51p

RUSSO-JAPANESE war, 1904-1905

Malozemoff, Andrew. Russian Far Eastern policy, 1881-1904; with special emphasis on the causes of the Russo-Japanese war. (Russian and East European studies) Univ. of Calif. press '58 p317-47

RUSSO-SWEDISH war, 1808-1809

Hornborg, Eirik. När riket sprängdes; fälttågen i Finland och Västerbotten, 1808-1809. Norstedt '55 p268-71

RUSTS

Hepler, Paul Raymond. Inheritance of resistance to asparagus rust; results of recent investigations in Illinois. (Bul. 607) Agricultural experiment station, Univ. of Ill. '57 p45-7

Leppik, E. E. Some viewpoints of the phylogeny of rust fungi. Mycologia 48:653-4 S '56

Putt, E. D. and Sackston, W. E. Studies on sunflower rust. Can J Plant Sci 37:53-4 Ja '57

Săvulescu, Traian. Monografia uredinalelor din Republica. Academiei Republicii Populare Române '53 2v v. 1, p280-32; v.2, p339-43

Staples, R. C. Changes in the organic acid composition of wheat leaves infected with the leaf rust fungus. Boyce Thompson Inst Contrib 19:17-18 Ji '57

Sumere, C. F. van, and others. Coumarins and phenolic acids in the uredospores of wheat stem rust. Can J Microbiol 3:861-2 O '57

Vallega, J. Wheat rust races in South America. Phytopathology 45:245-6 My '55

Wood, Jessie Ida, and Lipscomb, Bernard Roland. Spread of puccinia polysora with a bibliography on the three rusts of zea mays. (Special pub. no9) Horticultural crops research branch, U.S. Agricultural research service '56 p22-59

See also

Puccinia

RUTHENBERG, Charles Emil, 1882-1927

Johnson, Oakley C. Day is coming; life and work of Charles E. Ruthenberg, 1882-1927. Int. pubs. '57 p 186-7

RUTHENIAN literature. See Ukrainian literature

RYMER, Thomas, 1641-1713

Rymer, Thomas. Critical works; ed. with an introd. and notes by Curt A. Zimansky. Yale univ. press '56 p277-88

RYUKYU islands

Kerr, George H. and others. Ryūkyū islands: a prelim. checklist of reference materials arr. alphabetically. Pacific science board, Nat. research council '52? np

Stanford university. Hoover institute and library on war, revolution and peace. Ryukyu islands: a reference list of books and articles in English, French, and German; contributors: Philip M. Bettens [and others] The institute '54 33p

S

SAAR valley

Lottig, Hans. Bibliographie zur Saarfrage, 1945-1954. (Hektografierte veröfentlichungen, no 19) Forschungsstelle für völkerrecht & ausländisches öffentliches recht, Hamburg univ. '54 21p

Economic conditions

Bosch, Werner. Die Saarfrage; eine wirtschaftliche analyse. (Mainz. Univ. Forschungsinst. für wirtschaftspolitik. Veröffentlichungen, v4) Quelle & Meyer '54 p 170-1

SABA, Umberto, 1883-

Brütsch, Hans Raoul. Der canzoniere Umberto Sabas. Brunner & Bodmer '51 p74-6

SABOTAGE

Sweden. Civilförsvarsstyrelsen. Förteckning över civilförsvarsstyrelsens publikationer. m.m. FöCfs. pub. '55 1v

SACCHARIN

Thompson, M. M. and Mayer, J. Hypoglycemic effects of saccharin in experimental animals. Am J Clin Nutrition 7:84-5 Ja '59

SACHS, Ernest, 1869-

Sachs, Ernest. Fifty years of neurosurgery. Vantage '58 p 166-78

SACHS, Hans, 1494-1576

Geiger, Eugen. Der meistersang des Hans Sachs; literarhistorische untersuchung. Francke '56 p7-15

SACO, Maine

Fairfield, Roy P. Sands, spindles, and steeples. House of Falmouth '56 p435-43

SACRAMENTS

Davies, John Gordon. Spirit, the church, and the sacraments. Faith press '54 p227-30

Looming, Bernard. Principles of sacramental theology. Newman press '56 p635-66

See also

Baptism

Lord's supper

SACRED art. See Christian art and symbolism

SACRED books

See also

Bible

SACRED heart, Devotion to

Verheylezoon, Louis. Devotion to the Sacred heart: object, ends, practice, motives; with foreword by C. C. Martindale. Newman press '55 p279-80

Williams, Margaret. Sacred heart in the life of the church. Sheed '57 p240-3

SACRED vocal music

See also

Hymns

SACROILIAC joint

Solonen, Kauka A. Sacroiliac joint in the light of anatomical roentgenological and clinical studies [tr. by Elvi Kaukokallio] (Acta orthopaedica scandinavica. Sup. no27) Munksgaard '57 p 116-27

SADOLETO, Jacopo, cardinal, 1477-1547

Douglas, Richard M. Jacopo Sadoleto, 1477-1547; humanist and reformer. Harvard univ. press '59 p229-31

SAFETY, Industrial. See Industrial safety

SAFETY education

Association of casualty & surety companies. Accident prevention department. Bibliography of accident prevention and safety education publications. The department '56 11p annot

Diehl, Harold S. and Laton, Anita D. Health and safety for you. McGraw '57 p479-85

Florio, Aurelio Eugene, and Stafford George Thomas. Safety education. McGraw '56 incl bibliog

McNeely, Simon August, and Pelley, Albert L. Health, physical education, athletics, safety, and outdoor education in the junior high school; some representative references. (Circ. no432) U.S. Office of education '55 15p

Stack, Herbert James, and Elkow, Joseph Duke. Education for safe living. 3d ed Prentice-Hall '57 incl bibliog

Woodward, Robert L. Safety instruction in industrial arts education. Calif. state dept. of education '55 p57-60

SAFETY engineering

See also

Accidents—Prevention

Chemical plants—Safety measures

Electric engineering—Safety measures

SAFFLOWERS

Horowitz, B. and Kleinig, C. R. Safflower trials in Australia. (Technical paper, no 11) Div. of plant industry, Commonwealth scientific & industrial research organization, Australia '58 p 18-19

Knowles, P. F. Safflower; production, processing and utilization. *Econ Bot* 9:295-9 J1 '55

SAGAS

Hannesson, Jóhann Sigurjónsson. Sagas of Icelanders. (*Íslendinga sögur*) a sup. to *Íslenska* 1 and 14. (*Íslenska*, an annual relating to Iceland and the Fiske Icelandic coll. in Cornell univ. lib, v38) Cornell univ. press '57 123p

SAGE

Hanson, W. I. and Hocking, G. M. Garden sage. *Econ Bot* 11:74 Ja '57

SAHARA

Liste des travaux publiés sur le Sahara au cours de l'année 1951[1957] Algiers Univ Inst Rech Sahar Trav 9 no 1:173-84; 10 no2: 215-29; 11 no 1:159-84; 12 no2:151-82; 13:205-29; 15 no 1:189-208; 17 no 1/2:223-52 '53-'58

SAHO (African tribe)

Lewis, I. M. Peoples of the Horn of Africa: Somali, Afar, and Saho. (Ethnographic survey of Africa: North Eastern Africa, pt 1) Int. African inst. '55 p 177-94

SAILER, Johann Michael, 1751-1832

Fischer, Gerard, Johann Michael Sailer und Johann Heinrich Pestalozzi; der einfluss der Pestalozzischen bildungslehre auf Sailers pädagogik und katechetik unter mitberücksichtigung des verhältnisses Sailers zu Rousseau, Basedow, Kant. (Untersuchungen zur theologie der seelsorge, v7) Herder '54 p349-55

SAILING

See also
Boats and boating

SAINT-EVREMOND, Charles de Marguetel de Saint-Denis, seigneur de, 1613?-1703

Barnwell, Henry Thomas. Les idées morales et critiques de Saint-Evremond; essai d'analyse explicative. Presses univ. de France '57 p219-32

SAINT EXUPÉRY, Antoine de, 1900-1944

Huguet, Jean. Saint-Exupéry; ou, L'enseignement du désert. La Colombe '56 p95-6

Rauch, Karl. Antoine de Saint Exupéry, mensch und werk; persönliche erinnerungen. 6th rev & enl ed Bechtle '58 p78-9

Rumbold, Richard, and Stewart, Lady Margaret. Winged life; a portrait of Antoine de Saint-Exupéry, poet and airman. McKay '55 p217-20

Smith, Maxwell Austin. Knight of the air; the life and works of Antoine de Saint-Exupéry. Pageant press '56 p247-59

ST LAWRENCE valley

Thompson, John Henry, and Jennings, James M. Manufacturing in the St Lawrence area of New York state; an analysis of the factory distribution and the regional advantages and disadvantages of St Lawrence, Jefferson, and Franklin counties. (Maxwell school ser) Syracuse univ. press '58 p 134-7

ST LAWRENCE waterway and power project

Cole, D. M. St Lawrence seaway: materials and sources. *Top News* 15:16-21 D '58 annot

Hartley, Joseph R. Effects of the St Lawrence seaway on grain movements. (Ind. business rep. no24) Bur. of business research, Ind. univ. '57 p247-52

Mayer, Harold Melvin. Port of Chicago and the St Lawrence seaway. (Research paper no49) Dept. of geography, Univ. of Chicago '57 p273-83

Murphy, Edward Eyre. St Lawrence seaway: its value to the economy and defense productivity of the United States; individual term paper. Industrial college of the armed forces '54 p51-3

St Lawrence power and seaway projects. N Y State Comm R 8:12 N '54

St Lawrence seaway and the future of the Great Lakes region. *Bsns Inform Sources* 26:9-12 N '55 annot

St Lawrence seaway and world trade. *Bsns & Tech Sources* 30:1-5 Ja '59 annot

SAINT-PIERRE, Michel de, 1916-

Ouvres de Michel de Saint-Pierre. *Biblio* 26:9 Mr '58

SAINT RIQUIER, France (church)

Labarre, A. Saint-Riquier; bibliog. concernant l'abbaye, la ville, la paroisse, le petit séminaire, les auxiliaires du clergé. Soc Antiq Picardie Bul Trim 1957 no4:165-204 '58

SAINT-SIMON, Claude Henri, comte de, 1760-1825

Dondo, Mathurin Marius. French Faust, Henri de Saint-Simon. *Philosophical lib.* '55 p231-42

SAINT-EUVE, Charles Augustin, 1804-1869

Bonnerot, Jean. Un demi-siècle d'études sur Sainte-Beuve, 1904-1954. Soc. d'édition Les Belles lettres '57 177p

Nicolson, Harold George. Sainte-Beuve. Doubleday '57 p267-8

Paris, Bibliothèque nationale. Sainte-Beuve; exposition organisée pour le cent cinquantième anniversaire de sa naissance. The library '55 67p

SAINTS

Duckett, Eleanor Shipley. Wandering saints of the early middle ages. Norton '59 p302-8

Lang, David Marshall. Lives and legends of the Georgian saints; sel. and tr. from the original texts. (Ethical and religious classics of East and West, no 15) Allen '56 p 173-4 annot

Newland, Mary (Reed). Saints and our children. Kenedy '58 p213-15

See also

Fathers of the church

Martyrs

Shrines

SAITSCHICK, Robert, 1868-

Edel, Reiner Friedmann, ed. Ein weiser lebt unter uns; anlässlich des 90. geburstages von Prof. Dr. Robert Saitschick. The author '58 p67-71

SAKS, J. pseud. *See* Wiedijk, P.

SALA, Pierre, 1457?-1529

Sala, Pierre. Tristan; roman d'aventures du XVI^e siècle, publié par L. Muir. (Textes littéraires français, 80) Droz '58 p 10-11

SALAMAN, Redcliffe Nathan, 1874-1955

Smith, K. M. Redcliffe Nathan Salaman, 1874-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p243-5)

SALAMANDERS

Costello, D. P. and Holmquist, D. G. Spontaneous and cold-induced heteroploidy in *triturus granulosus*. *Elisha Mitchell Sci Soc J* 73:376-8 N '57

Riemer, William J. Variation and systematic relationships within the salamander genus *taricha*. (Calif. Univ. Pubs. in zoology, v56, no3) Univ. of Calif. press '58 p389-90

SALARIES. *See* Wages

SALEMME, Attilio, 1911-1955

Whitney museum of American art, New York. Attilio Salemme. The museum; Inst. of contemporary art '59 1 p (at end)

SALES management

Johnson, Lewis Kerr. Sales and marketing management; text and cases. Allyn '57 incl bibliog

Maynard, Harold Howard, and Davis, James H. Sales management. 3d ed Ronald '57 p643-5

Thayer, Lee O. and Harris, George E. Sales and engineering representation. McGraw '58 p201-6

SALES tax

Due, John Fitzgerald. Sales taxation. Univ. of Ill. press '57 incl bibliog annot

Organization for European economic cooperation. European productivity agency. Influence of sales taxes on productivity. (Project no315) The agency '58 p261-8

Oster, Clinton Victor. State retail sales taxation. (Monograph no90) Bur. of business research, College of commerce & adm, Ohio state univ. '57 p227-41

See also

Advertising

Marketing

SALESMEN and salesmanship

Advertising federation of America. Bureau of research and education. Books for the advertising and marketing man; a classified bibliog. on advertising, marketing, selling, and related subjects, rev ed The bureau '57 37p

—Supplement. The bureau '58 16p

SALESMEN and salesmanship—Continued

- Greif, Edwin Charles. Modern salesmanship: principles and problems. Prentice-Hall '58 p511-21
- Gross, Alfred. Salesmanship; principles and practices of professional selling. 2d ed Ronald '59 incl bibliog
- National sales executives, incorporated, New York. Current list of unpublished studies for sales executives and specialists in marketing prepared by graduate students, 1951/52[1954] The corporation '53-'54 2v
- Pederson, Carlton A. and Wright, Milburn D. Salesmanship; principles and methods. rev ed Irwin '55 incl bibliog
- Smith, J. O. and DeHart, F. Sales engineering and industrial marketing. Bsns Lit 30: 11-12 F '58 annot
- United States. Office of education. Training programs in outside selling. (Vocational div. bul. no269; Distributive education ser. no23) U.S. Gov. ptg. office '58 p 13-15 annot

See also

- Advertising
Clerks
Mail order business
Marketing
Sales management

SALIETTI, Alberto, 1892-

- Alberto Salletti [di] Giovanni Titta Rosa. (Arte moderna italiana. SerA:Pittori, no2) Hoepli '52 p 16-21

SALINE waters**Demineralization**

- Symposium on saline water conversion. Washington, D.C. 1957. Saline water conversion; proceedings of a symposium, 4-6 Nov. 1957; sponsored by Nat. acad. of sciences-Nat. research council and Office of saline water. U.S. Dept. of the interior; Martin A. Mason, editor. (Pub. 568) Nat. research council '58 p435-45

SALINGER, Jerome David, 1919-

- Davis, T. J. D. Salinger: a checklist. Bibliog Soc Am Pa 53:69-71 Ja '59

SALINITY

- Smith, R. I. On the distribution of nereis diversicolor in relation to salinity in the vicinity of Tvärminne, Finland, and the Isefjord, Denmark. Biol Bul 108:344-5 Je '55

- United States. Regional salinity laboratory, Riverside, California. Report of progress, 1938-1953. Div. of soil & plant relationships, Bur. of plant industry, soils & agricultural engineering, Agricultural research adm, U.S. Dept. of agriculture '53 p37-8

SALIVA

- Kraus, F. W. and others. Peroxide and peroxidogenic bacteria in human saliva. J Bact 73:734-5 Je '57

- London. Science museum. Science library. Enzymes and hormones of the saliva. (Bibliog ser, no756) The library '57 8p

SALIVARY glands

- Dunbar, R. W. Salivary gland chromosomes of two sibling species of black flies included in eusimulium aureum Fries. Can J Zool 36:43-4 F '58

- SALLUST (Gaius Sallustius Crispus) 86-34 B.C. Leeman, Anton Daniël. Systematical bibliography of Sallust, 1879-1950. (Mnemosyne. Bibliotheca classica Batava. Sup4) Brill '52 94p

SALMON

- Wood, E. M. and others. Nutrition of salmonoid fishes. J Nutrition 61:477-8, 487-8; 62:241-3, 253-4; 63:104-5 Ap, Je, S '57

SALMON poisoning

- Phillip, C. B. There's always something new under the parasitological sun (the unique story of helminth-borne salmon poisoning disease) J Parasitol 41:147-8 Ap '55

SALMONELLA

- Edwards, P. R. Salmonella and salmonellosis. N Y Acad Sci Ann 66 no 1:50-3 '56
- Monteverde, José Julio, and Garbers, Guillermo V. Infecciones debidas a salmonella abortus-equi en la República Argentina. (Pubs, no7) Escuela de veterinaria, Univ. de Buenos Aires '56 p94-8

- Williams, J. E. and Harris, M. E. Simplified method for typing salmonella pullorum cultures. Am Vet Med Assn J 127:135-6 Ag '55

SALT

- Dellwig, L. F. Origin of the salina salts of Michigan. J Sed Petrol 25:108-10 Je '55

- Lang, Walter Barnes. Annotated bibliography and index map of salt deposits in the United States; contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-J) U.S. Gov. ptg. office '57 p715-53

- Salt institute. Salt in animal nutrition. by Rufus F. Cox [and others] The institute '57 incl bibliog

- South Australia. Geological survey. Department of mines. Salt. (Abstract bul. no9) The department '56 1p annot

SALT domes

- Halbouty, M. T. and Hardin, G. C. Genesis of salt domes of Gulf coastal plain. Am Assn Pet Geol Bul 40:745-6 Ap '56

SALT industry and trade**California**

- Ver Planck, William E. Salt in California; with a chapter by Robert F. Heizer. (Bul. 175) Calif. div. of mines '58 incl bibliog

SALT mines and mining

- Lotze, Franz. Steinsalz und kalisalz. 2d rev ed Borntraeger '57 p386-451

SALTEAUX Indians. See Chippewa Indians**SALTILLO, Miguel Lasso de la Vega y López de Tejada, marqués del, 1893-**

- Rodríguez Moñino, Antonio R. Bibliografía del marqués de Saltillo, 1913-1955. Editorial Castalia '55 66p

SALTS

- Miller, G. and Evans, H. J. Influence of salts on pyruvate kinase from tissues of higher plants. Plant Physiol 32:354 Jl '57

See also

- Insects, Effect of salts on
Plants, Effect of salts on
Potassium salts
Soils, Salts in

SALTS, Molten

- Janz, George John. Bibliography on molten salts; contributors: Charles T. Brown [and others] Rensselaer polytechnic inst. '58 72p

SALVADOR

- Osborne, Lilly de Jongh. Four keys to El Salvador. Funk '56 p209-12

- San Salvador. Biblioteca nacional. Bibliografía salvadoreña; lista preliminar por autores. The library '53? 430p

SALVAGE (waste, etc)

- Green, E. H. and Gough, C. M. Solvent method for recovering cutback and penetration-grade bitumens from road mixtures. J Ap Chem 9:298 Je '59

SALVATION

- Lombardi, Riccardo. Salvation of the unbeliever [tr. from the Italian by Dorothy M. White] Newman press '56 p363-7

SALVATION army

- Wisbey, Herbert Andrew. Soldiers without swords; a history of the Salvation army in the United States. Macmillan '55 p229-34 annot

SAMOA

- Keesing, Felix Maxwell, and Keesing, Marie Margaret (Martin). Elite communication in Samoa; a study in leadership. (Stanford anthropological ser, no3) Stanford univ. press '56 p301-10

- United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p

SAMOTHRACE**Antiquities**

- New York university. Institute of fine art. Samothrace; Karl Lehmann, ed; v 1. The ancient literary sources; ed. and tr. by Naphtali Lewis. (Bollingen ser, 60, v 1) Pantheon bks. '59 p 121

SAMPLING

- American society for testing materials. Symposium on coal sampling; presented at the 57th annual meeting [of the] Society, Chicago, June 14, 1954. (Special technical pub. no 162) The society '55 incl bibliog

SAMPLING (statistical methods)

- Ansombe, F. J. Rectifying inspection of a continuous output. *Am Stat Assn J* 53:717-19 S '58
- Barnes, Ralph Moser. Work sampling. 2d ed Wiley '57 p273-8
- Bauer, W. F. Monte Carlo method. *Ind & Ap Math* 6:450-1 D '58
- Chernoff, H. Large-sample theory: parametric case. *Ann Math Stat* 27:20-2 Mr '56
- Dalenius, Tore. Sampling in Sweden; contributions to the methods and theories of sample survey practice. *Almqvist* '57 incl bibliog
- Darling, D. A. Kolmogorov-Smirnov. Cramer-Von Mises tests. *Ann Math Stat* 28:834-8 D '57
- Duncan, Acheson Johnston. Quality control and industrial statistics. rev ed Irwin '59 incl bibliog
- Florida. University. Gainesville. Statistical laboratory. Bibliography of the Monte Carlo method and associated material, including abstracts. The laboratory '55? 73p
- Florida. University. Gainesville. Statistical laboratory. Symposium on Monte Carlo methods, held at the University, conducted by the Laboratory, sponsored by Wright air development center on the Air research and development command. March 16-17, 1954; ed. by Herbert A. Meyer. (Wiley pubs. in applied statistics) Wiley '56 p283-370 annot
- Good, I. J. Saddle-point methods for the multinomial distribution. *Ann Math Stat* 28:880-1 D '57
- Helland, Robert E. and Wallace, J. Richardson. Work sampling. McGraw '57 p223-5
- Moser, C. A. Recent developments in the sampling of human populations in Great Britain. *Am Stat Assn J* 50:1211-14 D '55
- Savage, I. R. Production model and continuous sampling plan. *Am Stat Assn J* 54:246-7 Mr '59
- Stephan, Frederick Franklin, and McCarthy, Philip John. Sampling opinions: an analysis of survey procedure. (Wiley pubs. in statistics) Wiley '58 incl bibliog
- Sukhatme, Pandurang Vasudeo. Sampling theory of surveys, with applications. Indian soc. of agricultural statistics; Iowa state college press '54 incl bibliog
- Trueblood, R. M. Auditing and statistical sampling. *J Account* 103:51-2 Ap '57
- Vance, Lawrence L. and Neter, John. Statistical sampling for auditors and accountants. Wiley '56 incl bibliog
- SANCHEZ, Florencio, 1875-1910**
Imbert, Julio. Florencio Sánchez, vida y creación. (Colección Obra y vida) Editorial Schapire '54 p295-306
- SAND, George, pseud. of Mme Dudevant, 1804-1876**
Paris. Bibliothèque historique de la ville. Inauguration de la Bibliothèque George Sand (donation Aurore Sand) 15 juin 1954; catalogue rédigé avec le concours de Patrice Bousset et Marie Thérèse Liégeas. The library '54 39p
- SAND**
Rusnak, G. A. Orientation of sand grains under conditions of unidirectional fluid flow. *J Geol* 65:407-9 Jl '57
- SAND dunes**
Brown, J. C. Soil fungi of some British sand dunes in relation to soil type and succession. *J Ecol* 46:661-3 N '58
- Olson, J. S. Rates of succession and soil changes on southern Lake Michigan sand dunes. *Bot Gaz* 119:169-70 Mr '59
- SANDOZ, Mari, 1907-**
Sandoz, Mari. Hostiles and friendlies; sel. short writings. Univ. of Neb. press '59 p241-4
- SANDSTONE**
Hull, J. P. D. Petrogenesis of Permian Delaware mountain sandstone, Texas and New Mexico. *Am Assn Pet Geol Bul* 41:306-7 F '57
- Jensen, M. L. Sulfur isotopes and the origin of sandstone-type uranium deposits. *Econ Geol* 53:615-16 Ag '58
- Potter, P. E. and others. Chester cross-bedding and sandstone trends in Illinois basin. *Am Assn Pet Geol Bul* 42:1045-6 My '58
- Siever, R. Pennsylvanian sandstone of the Eastern interior coal basin. *J Sed Petrol* 27:249-50 S '57

- Van Andel, T. H. Origin and classification of cretaceous, paleocene, and eocene sandstones of western Venezuela. *Am Assn Pet Geol Bul* 42:762-3 Ap '58
- Wright, H. E. Origin of the Chuska sandstone, Arizona-New Mexico: a structural and petrographic study of a tertiary eolian sediment. *Geol Soc Am Bul* 67:432-3 Ap '56
- SANDYS, George, 1578-1644**
Davis, Richard Beale. George Sandys: poet-adventurer; a study in Anglo-Am. culture in the seventeenth century. Columbia univ. press '55 p287-309
- SAN FRANCISCO**
History
Coblentz, Stanton Arthur. Villains and vigilantes; the story of James King, of William, and pioneer justice in California. new rev ed Yoseloff '57 p255-6
- SANGER, Margaret (Higgins) 1883.**
Lader, Lawrence. Margaret Sanger story and the fight for birth control. Doubleday '55 p347-8
- SANITARY chemistry**
See also
Food—Chemistry
Food adulteration and inspection
Water—Analysis
- SANITARY engineering**
Fair, Gordon Maskew, and Geyer, John Charles. Elements of water supply and waste-water disposal. Wiley '58 p593-7
- Public health engineering abstracts. U.S. Public health service. See numbers
- United States. Office of naval operations. Low temperature sanitation. (Ser. of operational briefs) The office '54 p86-9
- United States. Public health service. Division of special health services. Industrial environment, its evaluation and control: syllabus for short courses for industrial hygiene engineers and chemists, presented at Occupational health field headquarters, Cincinnati, Ohio. (Pub. no614) U.S. Public health service '58 incl bibliog
- United States. Robert A. Taft sanitary engineering center, Cincinnati. List of publications pertaining to water supply and purification, sewage and industrial waste treatment, water pollution control, milk and food sanitation, and other selected environmental health subjects. rev ed The center '54 vp
- See also
Drainage
Filters and filtration
Refuse and refuse disposal
Sewerage
- SANITATION**
Hopkins, Edward Scott, and Schulze, Wilmer Henry. Practice of sanitation. 3d ed Williams & Wilkins '58 incl bibliog
- Salvato, Joseph A. Environmental sanitation. Wiley '58 incl bibliog
- Smith, Warren F. Urban fringe sanitation: a sel. bibliography. (Pub. no583; Public health bibliog. ser. no 18) U.S. Public health service '58 27p
- See also
Sanitary engineering
Smoke prevention
Ventilation
Water purification
- SAN MARTIN, Juan Zorrilla de. See Zorrilla de San Martin, J.**
- SANSKRIT manuscripts. See Manuscripts, Sanskrit**
- SANTA FE, New Mexico**
Horgan, Paul. Centuries of Santa Fe. Dutton '56 p 343-50
- SANTAYANA, George, 1863-1952**
Butler, Richard. Mind of Santayana. Regnery '55 p223-7
- SANTINI, Emilio, 1886-**
Palermo. Università. Facoltà di lettere e filosofia. Studi letterari: miscellanea in onore di Emilio Santini. Manfredi '56 p vii-xv
- SANTO DOMINGO. See Dominican Republic**
- SANTOS, Joaquim Felício dos, 1828-1895**
Santos, Joaquim Felício dos. Memórias do distrito diamantino da comarca do Sêro Frio, provincia de Minas Gerais; nota introd. de Herberto Sales; pref. de Joaquim Ribeiro; estudo biográfico de José Teixeira Neves; notícia literária, bibliografia e apêndices de Alexandre Eulálio Pimenta da Cunha. 3d ed (Coleção brasileira, no 1) Edições O Cruzeiro '56 p408-24

SANTOVENIA Y ECHAIDE, Emeterio Santiago, 1889-

Comisión organizadora del homenaje al Dr Emeterio S. Santovenia. Libro jubilar de Emeterio S. Santovenia en su cincuentenario de escritor [bibliog. by Lilia Castro de Morales and Fermín Peraza] The commission '57 p585-609

SAÔNE, Haute-, France (département)

Girardot, Jean, and Trévillers, Jules de. Répertoire bibliographique des ouvrages concernant le département de la Haute-Saône imprimés jusqu'en 1957. Soc. d'agriculture, lettres, sciences & arts du dept. de la Haute-Saône '57 207p

SÃO PAULO, Brazil (city)

Banco do Brasil, Rio de Janeiro. Estado de São Paulo; homenagem do Banco do Brasil. The bank '54 incl bibliog

Instituto histórico e geographico de São Paulo. São Paulo em quatro séculos; temas sobre alguns aspectos da história e da geografia de São Paulo e assuntos correlatos. The institute '54 2v incl bibliog

Lopez Herrera, Salvador. El padre José de Anchieta, fundador de São Paulo de Piratininga. Ediciones Cultura hispánica '54 p67-81

Morse, Richard McGee. From community to metropolis; a biography of São Paulo, Brazil. Univ. of Fla. press '58 p295-329 annot

SÃO PAULO, Brazil (state)

Azevedo, A. de. Geografia em São Paulo e sua evolução. Bol Paulista Geog no 16: 53-65 Mr '54

Banco do Brasil, Rio de Janeiro. Estado de São Paulo; homenagem do Banco do Brasil. The bank '54 incl bibliog

Carvalho, Oswaldo de. Bibliografias paulistas. The author '57 46p

Instituto histórico e geographico de São Paulo. São Paulo em quatro séculos; temas sobre alguns aspectos da história e da geografia de São Paulo e assuntos correlatos. The institute '54 2v incl bibliog

Leite, Aureliano. Subsídios para a história da civilização paulista; ed. monumental comemorativa do IV centenário da cidade de São Paulo; enriquecida de vasta bibliografia sobre pessoas, coisas, lugares e acontecimentos paulistas. Edição Saraiva '54 p403-558

Petrone, P. O homem paulista. Bol Paulista Geog no23:76-7 Jl '56

Description and travel

Ab'Sáber, A. N. A terra paulista. Bol Paulista Geog no23:33-8 Jl '56

Economic conditions

Banco do Brasil, Rio de Janeiro. Estado de São Paulo; quarto centenário da fundação da cidade de São Paulo, 1554-25 de janeiro-1954. The bank '54 incl bibliog

SAP

Scholander, P. F. and others. Rise of sap in tall grapevines. Plant Physiol 30:103-4 Mr '55

SAPGENINS

Correll, D. S. and others. Search for plant precursors of cortisone. Econ Bot 9:373-5 O '55

SAPONINS

Newman, H. A. I. and others. Dietary saponin, a factor which may reduce liver and serum cholesterol levels. Poultry Sci 37:45-6 Ja '58

SAPORI, Armando, 1892-

Studi in onore di Armando Saporì. Istituto editoriale cisalpino '57 2v v 1. p xxxix-lvii

SARCOID, Boeck's See Tumors**SARCOPHAGIDAE. See Flesh flies****SARTON, George, 1884-1956**

Strelsky, K. Bibliography of the publications of George Sarton. Isis 48:336-46 S '57

SARTORIS, Alberto, 1901-

Vivanco, Luis Felipe. Alberto Sartoris. (Monografias, 1) Escuela de Altamira '51 p52-62

SARTRE, Jean Paul, 1905-

Marill, René. Jean-Paul Sartre par R. M. Albérès [pseud] (Classiques du XX^e siècle, 11) Editions universitaires '53 p 140-2

SASKATCHEWAN rebellion, 1885. See Riel rebellion, 1885**SAS-ZALOZIECKY, Wladimir, 1896-**

Gsodam, Gertrude, ed. Festschrift W. Sas-Zaloziecky zum 60. geburstag. Akademische druck- & verlagsanstalt '56 p205-7

SATELLITES, Artificial

Beard, R. B. and Rotherham, A. C. Space flight and satellite vehicles. Pitman '58 incl bibliog

Benton, M. Artificial satellites; a bibliog. of recent literature. Jet Propulsion 28:301-2+, 399-401+ My-Je '58

Benton, M. Earth satellites, guided missiles, rockets, and space flight. Wilson Lib Bul 32:412-19 F '58 annot

—Supplement. Wilson Lib Bul 34:215-20 N '59 annot

Canney, H. E. and Ordway, F. I. Uses of artificial satellite vehicles. Astron Acta 2 no4: 172-4; 3 no1:14-15 '56-'57

Franklin institute, Philadelphia. Earth satellites as research vehicles; proceedings of the symposium held Apr. 13, 1956. (Journal. Monograph no2) The institute '56 incl bibliog

Krieger, Firmin Joseph. Behind the sputniks; a survey of Soviet space science. Public affairs press '58 p339-76 annot

Ley, Willy. Rockets, missiles, and space travel; rev. & enl. ed. with additional satellite data. Viking '58 p489-520

List of books about satellites, space travel and related subjects. Pub W 173:101-4 F '58 annot

Newell, Homer Edward, and others. Sound-ing rockets. (McGraw-Hill ser. in missile and space technology) McGraw '59 incl bibliog

Ordway, F. I. Instrumentation of artificial satellites. Astronautica Acta 4 no 1:109-10 '58

United States, Department of the army. Missiles, rockets and satellites. The department '58 5v

United States, Department of the army. Army library. Guided missiles, rockets and artificial satellites, including project Vanguard; a sel. list of titles. (Special bibliog. no 11) The library '57 153p

Van Allen, James Alfred, ed. Scientific uses of earth satellites. Univ. of Mich. press '56 incl bibliog

Whipple, Fred Lawrence, and others, comps. Orbital data and preliminary analyses of satellites 1957 Alpha and 1957 Beta. (Smithsonian contributions to astrophysics, v2, no 10) Smithsonian inst. '58 p347

SATISFACTION in work. See Job satisfaction

SAUCERS, Flying. See Flying saucers

SAUDI ARABIA

Hazard, Harry W. Saudi Arabia. (Subcontractor's monograph, HRAF-50) Human relations area files '56 incl bibliog

Lipsky, George A. Saudi Arabia; its people, its society, its culture; in collaboration with Moukhtar Ani [and others] (Survey of world cultures) HRAF press '59 p331-42

SAVING and thrift

Goldsmith, Raymond William. Study of saving in the United States. Princeton univ. press '55-'56 3v v 1, p 1095-1117; v2, p605-23; v3, p457-71

SAVONAROLA, Girolamo Maria Francesco Matteo, 1452-1498

Ferrara, Mario. Bibliografia savonaroliana; bibliog. ragionata degli scritti editi dal principio del secolo XIX ad oggi. (Biblioteca di bibliog. italiana, 31) Olschki '58 219p

SAWFLIES

Benjamin, Daniel M. Biology and ecology of the red-headed pine sawfly. (U.S. Dept. of agriculture. Technical bul. no 1118) U.S. Gov. pte. office '55 p55-7

Coppel, H. C. and Leius, K. History of the larch sawfly, with notes on origin and biology. Can Entom 87:109-11 Mr '55

Middlekauff, Woodrow Wilson. North American sawflies of the genera acantholyda, cephalcia, and neurotoma (hymenoptera, pamiophilidae) (Calif. Univ. Pubs. in entomology, v 14, no2) Univ. of Calif. press '58 p 161-6

SAXONY

Müller, Theodor. Ostfälische landeskunde. Verlag Waisenhaus-buchdruckerei '52 p499-516

Industries and resources

Forberger, Rudolf. Die manufaktur in Sachsen vom ende des 16. bis zum anfang des 19. jahrhunderts. (Akad. der wissensschaften, Berlin. Inst. für geschichte. Schriften. Reihe 1: Allgemeine und deutsche geschichte, v3) Akademie-verlag '58 p385-93

SAXONY—Continued

Surveys

Saxony, Lower. Vermessungs- und katasterverwaltung. C. F. Gauss und die landesvermessung in Niedersachsen. Niedersächsisches Landesvermessungsamt '55 incl bibliog

SAYINGS. See Proverbs

SBROZZI, Dino, 1873-1950

Sbrozzi, Dino. Dine Sbrozzi e la bonifica dell'azienda Valle Felici; con pref. commemorativa di Vittorio Peglion. Garattoni '54 p 112-14

SCALABRINI, Giovanni Battista, bp. 1839-1905

Scalabrini, Giovanni Battista. Considerazioni catechistiche; a cura de Luigi Rebecchi; introd. de Silvio Riva. Ufficio catechistico diocesano '56 p 15-16

SCALDS. See Burns and scalds

SCALDS and scaldic poetry

Hollander, Lee Milton. Bibliography of Skaldic studies. Munksgaard '58 116p

SCALE insects

Steinhaus, E. A. Observations on the symbiotes of certain coccidae. Hilgardia 24: 196-8 D '55

Theron, J. G. Comparative studies on the morphology of male scale insects (hemiptera: coccidae). (Annals, v34, secA, no 1) Univ. of Stellenbosch '58 p64-7

SCALES (weighing instruments)

Handbuch des waagenbaues; bearb. von Jürgen Reimpell; v 1. Handbediente waagen [5, vollständig überarb. aufl. von M. Raudnitz. Die konstruktion der von hand bedienten waagen] Voigt '55 p423-9

SCANDINAVIA

Library association. County libraries section. Scandinavia. (Readers' guide, new ser. no45) The section '58 29p

Shirer, William Lawrence. Challenge of Scandinavia: Norway, Sweden, Denmark and Finland in our time. Little '55 p407-8

Antiquities

Oxenstierna, Eric Carl Gabriel greve. Die Nordgermanen. (Grosse kulturen der frühzeit, new ser) Kilpper '57 p263-5

Description and travel

O'Dell, Andrew Charles. Scandinavian world. (Geographies for advanced study) Longmans '57 p533-41

Economic conditions

Stockholm. Handelshögskolan. Företagsekonomiska forskningsinstitutet. Forskningsinventering; förteckning över sedan 1950 avslutad samt nu pågående och planerad national- och företagsekonomisk forskning i Norden. The institute '54 61p

Politics

Lauwerys, Joseph Albert, ed. Scandinavian democracy; development of democratic thought & insts. in Denmark, Norway, and Sweden. Danish inst; Norwegian office of cultural relations; Swedish inst; Am.-Scandinavian foundation '58 p417-19

SCANDINAVIAN languages

Markström, Herbert. Om utvecklingen av gammalt & framför u i nordiska språk; tilljämning och omjuld. (Skrifter, 2) Inst. för nordiska språk, Uppsala univ. '54 p 159-90

See also

Swedish language

SCANDINAVIAN literature

Books for American libraries, 1954[-1958] Am Scand R 43:389-95; 44:374-81; 45:391-8; 46:372-8; 47:373-9 D '55, D '56, D '57, D '58, D '59 annot

Cappelen, J. W. firm. Oslo. Lapponica, Norvegica; topografi. kulturhistorie. kunst. tidsskrifter, norske forfattere, nordiske bibliofle trykk, danske og svenske forfattere. (Katalog no9) The firm '53 61p

See also

Danish literature

Norwegian literature

Sagas

Swedish literature

SCANDINAVIAN philology

American Scandinavian bibliography for 1955 [-1958] Scand Stud 28:48-80; 29:59-93; 30:53-84; 31:73-93 My '56, My '57, My '58, My '59 annot

Bibliography of Scandinavian philology, 22 [-23]1949-1951[-1952-1954] Acta Philol Scand 22 no3-4:149-244; 23 no3-4:161-307 '54-57

Litteraturkrönika, 1953-1954[-1958] Arkiv Nord Filol 70 no 1-2:113-28; 71 no 1-2:71-88; 72 no 1-2:104-22; 73 no 1-2:97-118; 74 no 1-2:136-60 '55-59

Nielsen, K. M. Scandinavian breaking. Acta Philol Scand 24 no 1:44-5 '57

SCARPA, Antonio, 1752-1832

Monti, Achille. Antonio Scarpa in scientific history and his role in the fortunes of the University of Pavia; tr. by Frank L. Loria; foreword by Michael E. DeBakey. Vigo press '57 incl bibliog

SCATTERING

See also

Light—Scattering

Radio waves—Scattering

SCENARIOS. See Moving picture plays

SCENARY (stage) See Theater—Stage setting and scenery

SCHACHT, Hjalmar, 1877-

Beck, Earl R. Verdict on Schacht; a study in the problem of political guilt. (Studies, no20) Fla. State univ. '55 p 185-91

SCHELLING, Friedrich Wilhelm Joseph von, 1775-1854

Schneberger, Guido. Friedrich Wilhelm Joseph von Schelling; eine bibliographie. Francke '54 190p

SCHENKEL, Ehrenfried, 1869-1953

Handschin, E. Ehrenfried Schenkel 1869-1953. Natur Ges Basel Verh 65:5-6 Je '54

SCHUE, Erwin, 1886-

Weigt, Ernst, ed. Wirtschaftsgeographischer Wandel in Deutschland; Professor Dr Erwin Schue zum 70. geburtstag im namen von freunden und schülern zusammengestellt. (Nürnberg wirtschafts-geographische arbeiten, v 1) Wirtschaftsgeographisches inst. Hochschule für wirtschafts- & sozialwissenschaften '57 p223-5

SCHICKELE, René, 1883-1940

Ackermann, P. K. René Schickele: a bibliography. Bul Bibliog 22:8-14 S '56

SCHIAMANN, Theodor, 1847-1921

Meyer, Klaus. Theodor Schiamann als politischer publizist. (Nord- und osteuropäische geschichtsstudien, v 1) Rütten & Loening '56 p271-99

SCHILLER, Ferdinand Canning Scott, 1864-1937

Abel, Reuben. Pragmatic humanism of F. C. S. Schiller. King's crown press '55 p 179-203

SCHILLER, Johann Christoph Friedrich von, 1759-1805

Berlin. Stadtbibliothek. Schiller; ein verzeichnis der neueren und der wichtigsten älteren ausgaben. biographien, würdigung und inszenierungen mit einföhrung in Schillers hauptwerke. Verlag für buch- & bibliothekswesen '55 115p

Fambach, Oscar, ed. Schiller und sein kreis in der kritik ihrer zeit; die wesentlichen rezenionen aus der periodischen literatur bis zu seinem tod. begleitet von Schillers und seiner freunde äusserungen zu deren gehalt. (Ein jahrhundert deutscher literaturkritik, 1750-1850; ein lesebuch und studienwerk, v2) Akademie-verlag '57 p507-62

Frey, John R, ed. Schiller 1759/1959; commemorative American studies. (Ill. studies in language and literature, v46) Univ. of Ill. press '59 p203-13

Frey, J. R. American Schiller literature: a bibliography. J Engl & Germ Philol 57: 633-43 O '58

Kondrat'eva, J. Die selbständig erschienenen übersetzungen der werke Friedrich Schillers in sprachen der UdSSR. Z Slawistik 2 no4: 587-94 '57

Mainland, William Faulkner. Schiller & the changing past. Essential bks. '57 p 199-203

Raab, H. Lyrik Schillers in früher russischer übersetzung. Z Slawistik 1 no 1:40-60 '56

SCHIROKAUER, Arnold, 1899-1954

Schirokauer, Arnold. Germanistische studien; ausgewählt und eingeleitet von Fritz Strich [bibliog von S. N. Werbow] Hauswedell '57 p437-51

SCHISTOSOMES

Chu, G. W. T. C. Pacific area distribution of fresh-water and marine cercarial dermatitis. *Pac Sci* 12:309-12 O '58

Kagan, I. G. and others. Maintenance of schistosomium douhitti (Cort, 1914) in the laboratory (trematoda: schistosomatidae). *J Parasitol* 40:438-9 Ag '54

Leigh, W. H. Morphology of gigantobilharzia huttoni (Leigh, 1953) an avian schistosoma with marine dermatitis-producing larvae. *J Parasitol* 41:267-8 Je '55

Stirewalt, M. A. and Hackey, J. R. Penetration of host skin cercariae of schistosoma mansoni. *J Parasitol* 42:578-9 D '56

SCHISTOSOMIASIS

Brazil. Instituto brasileiro de bibliografia e documentação. Esquistossomose; bibliog. brasileira. (Bibliog. brasileiras sobre doenças tropicais, no3) The institute '58 85p

SCHISTS

Borg, L. Y. Glauconophane schists and eclogites near Healdsburg, California. *Geol Soc Am Bul* 67:1582-3 D '56

SCHIZOPHRENIA

American psychiatric association. Research techniques in schizophrenia; papers presented at the mid-Atlantic regional research conference, Washington, D.C. March 9-10, 1956; consultant ed: Nathan S. Kline; editorial assistant: Marion Robinson. (Psychiatric research reps, 5) The association '56 incl bibliog

Arieti, Silvano. Interpretation of schizophrenia. Brunner '55 p489-509

Auerback, Alfred, ed. Schizophrenia; an integrated approach. Ronald '59 incl bibliog

Becker, W. C. Genetic approach to the interpretation and evaluation of the process-reactive distinction in schizophrenia. *J Abnorm & Social Psychol* 53:236 S '56

Bellak, Leopold, and Benedict, Paul K. eds. Schizophrenia: a review of the syndrome. (Logos pub. in behavioral science) Logos press '58 p757-949

Bleke, R. Reward and punishment as determiners of reminiscence effects in schizophrenic and normal subjects. *J Personality* 23:497-8 Je '55

Brackbill, G. A. Studies of brain dysfunction in schizophrenia. *Psychol Bul* 53:223-6 My '56

Freeman, Thomas, and others. Chronic schizophrenia; pref. by Anna Freud; foreword by T. Ferguson-Rodger. Int. univ. press '58 p 146-51

Goldfarb, William, and Dorsen, Marilyn M. Annotated bibliography of childhood schizophrenia and related disorders, as reported in the English language through 1954. Basic bks. '56 170p

Kaplan, A. R. Biochemical studies in schizophrenia. *Eugenics Q* 5:93-4 Je '58

King, G. F. Differential autonomic responsiveness in the process-reactive classification of schizophrenia. *J Abnormal & Social Psychol* 56:164 Mr '58

Staudt, V. M. and Zubin, J. Biometric evaluation of the somatotherapies in schizophrenia. *Psychol Bul* 54:192-6 My '57

Steinfeld, Julius Isaac. New approach to schizophrenia. Meriin '56 p 173-85

Stotsky, B. A. and Lawrence, J. F. Various Rorschach indices as discriminators of marked and little conceptual disorganization among schizophrenics. *J Consult Psychol* 19:192-3 Je '55

Suckow, J. Delikte im frühstadium schizophrenen erkrankungen. Halle Univ Wiss Z Math Naturw Reihe 7:385 JI '58

SCHLEGEL, Friedrich von, 1772-1829

Mettler, Werner. Der junge Friedrich Schlegel und die griechische literatur; ein beitrage zum problem der historie. (Zürcher beiträge zur deutschen literatur- und geistesgeschichte, no 11) Atlantis verlag '55 p 169-71

SCHLESWIG-HOLSTEIN

Bibliographie zur schleswig-holsteinischen geschichte und landeskunde für 1951-1954; unter mitarbeitung von W. Christiansen [et al] hrsg. von O. Klose. (Gesellschaft für schleswig-holsteinische geschichte. Zeitschrift. Ergänzungsband 5) Wachholtz '56- '57 511p

Ingwersen, Peter. Methodisches handbuch für heimatforschung. aufgezeigt am beispiel Schleswig-Holstein; unter mitwirkung von Gottfried Ernst Hoffmann [et al] (Gottorfer schriften zur landeskunde Schleswig-Holsteins, v3) Arbeitsgemeinschaft für landes- & volkstumforschung '54 p255-318

Reier, Herbert, and Stössel, Dora. Schleswig-Holstein; auswahl-verzeichnis für öffentliche büchereien und volkshochschulen. (Bücherkundliche arbeits- und auskunftsstelle für die erwachsenenbildung in Schleswig-Holstein. Veröffentlichung) Verein für das büchereiwesen in Schleswig-Holstein '53 43p

History

Bibliographie zur schleswig-holsteinischen geschichte und landeskunde für 1951-1954; unter mitarbeitung von W. Christiansen [et al] hrsg. von O. Klose. (Gesellschaft für schleswig-holsteinische geschichte. Zeitschrift. Ergänzungsband 5) Wachholtz '56- '57 511p

Schulze, Ehrhard. Das herzogtum Sachsen-Lauenburg und die lübische territorialpolitik. (Quellen und forschungen zur geschichte Schleswig-Holsteins, v33) Wachholtz '57 p221-37

SCHLESWIG-HOLSTEIN question

Grenzakademie Sankelmark, Flensburg. Zur grenzfrage Schleswig; vier historisch-politische vorträge, von Oswald Hauser [et al] F. Hirt '54 incl bibliog

SCHLIEMANN, Heinrich, 1822-1890

Payne, Pierre Stephan Robert. Gold of Troy; the story of Heinrich Schliemann and the buried cities of ancient Greece. Funk '58 p271-2

SCHMIDT-GÖRG, Joseph, 1897-

Weise, Dagmar, and others, eds. Festschrift Joseph Schmidt-Görg zum 60. geburtstag. Beethovenhaus '57 p xix-xxiv

SCHMIDT-ROTLUFF, Karl, 1884-

Grohmann, Will. Karl Schmidt-Rottluff. Kohlhammer '56 p311-21

SCHNEEWEIS, Edmund, 1886-

Jarosch, G. Edmund Schneeweis zum 70. geburtstag. Z Slawistik 1 no3:8-9 '56

SCHNEIDER, Ferdinand and Josef, 1879-1954

Bischoff, Karl. Gedenkschrift für Ferdinand Josef Schneider, 1879-1954 [bibliog. by W. Hecht] Böhlau nachf. '56 p372-7

SCHNEIDER, Hermann, 1874-1953

Schneider, Hermann. Grundwissenschaft (Die nicht-psychologische wissenschaft von der wissenschaft) Hirt '57 p 128

SCHNEIDER, Reinhold, 1903-1958

Schneider, Reinhold. Der christliche protest; mit einem geleitwort von Werner Bergengruen. (Sammlung Gestalten und wege) Verlag der arche '54 p 145-8

SCHOLARSHIPS

Angel, Juvenal Londoño. How to look for scholarships. (Monograph no52) World trade '57 p35-7

Mattingly, Richard C. Scholarships and fellowships; a sel. bibliography. (Bul. 1957, no7) U.S. Office of education '57 28p annot

United States. Office of education. Partial bibliography of materials related to international education, prepared by Thomas E. Cotner and John W. Grissom; rev. to July 1953, by Frank A. Knapp. Teacher programs branch, Div. of int. education '54 104p

West, Elmer Dalton, ed. Background for a national scholarship policy; under the supervision of the Subcom. to correlate basic data for a nat. scholarship policy of the Com. on relationships of higher education to the federal government. Am. council on education '56 p 143-60

SCHOLASTICISM

Aufsätze und bücher. See numbers of Scholastik

Costello, William Thomas. Scholastic curriculum at early seventeenth-century Cambridge. Harvard univ. press '58 p 161-68 annot

Wicki, Nikolaus. Die lehre von der himmlischen seligkeit in der mittelalterlichen scholastik von Petrus Lombardus bis Thomas von Aquin. (Studia friburgensia, new ser, 9) Universitätsverlag '54 p xi-xvi

Wuellner, Bernard. Dictionary of scholastic philosophy. Bruce pub. '56 p 138 annot

SCHOOL achievement

- Cogan, M. L. Behavior of teachers and the productive behavior of their pupils. *J Exp Educ* 27:104-5 D '58
- Fleming, W. G. Factors affecting the predictive accuracy of Ontario grade XIII results. (Bul. no 16) Dept. of educational research, Ontario college of education, Univ. of Toronto '55 p44-6
- Fricke, B. G. Prediction, selection, mortality, and quality control. *Coll & Univ* 32:51-2 Fall '56
- Gould, H. Predicting biology regents grades from personality of ninth-year students. *Sci Educ* 39:285-6 O '55
- Horral, Bernice M. Academic performance and personality adjustments of highly intelligent college students. (In *Genetic psychology monographs*, v55. Journal press '57 p79-80)
- Jex, Frank B. University of Utah studies in the prediction of academic success. (Research monographs in education v 1, no 1) Utah univ. '57 p36-8
- Massey, H. W. and Vineyard, E. E. Relationship between scholarship and first-year teaching success. *J Teach Educ* 9:300-1 S '58
- Mitzel, H. E. and Gross, C. F. Development of pupil-growth criteria in studies of teacher effectiveness. *Educ Res Bul* 37:186-7 O '58
- Patterson, C. H. Predicting success in trade and vocational school courses: review of the literature. *Educ & Psychol Meas* 16:391-400 Autumn '56
- Sirigatti, S. Contributo allo studio dell' adattamento scolastico nelle classi delle scuole medie professionali. *Bol Psicol & Sociol App* no 31/36:256-7 F '59
- Vineyard, E. E. Longitudinal study of the relationship of differential aptitude test scores with college success. *Personnel & Guid J* 46:416 F '58
- Zwilling, V. T. Prediction of the index at graduation from the grades in seven required courses. *J Educ Res* 51:610-12 Mr '58
- SCHOOL administration and organization**
- American association of school administrators. Educational administration in a changing community. (Yrbk. 37) The association '59 p207-9
- Anderson, Vivienne, and Davies, Daniel R. Patterns of educational leadership. Prentice-Hall '56 incl bibliog annot
- Association of school business officials of the United States and Canada. Research committee on school business literature and bibliography. Selected bibliography of business and plant references for the school administrator, prepared by Sol Levin. (Bul. no 16) The association '53 184p
- Ayars, Albert L. Administering the people's schools. (McGraw-Hill ser. in education) McGraw '57 incl bibliog
- Barr, William Monfort, and others. Trends in school district reorganization in Indiana. (Ind. Univ. School of education. Bul. v32, no6) Div. of research & field services, '56 p91-8
- Browning, Bruce C. and Otto, Henry J. Organization for instructional supervision in elementary schools. (Fred Carlton Ayer memorial vol. no 1) College of education, Univ. of Tex. '57 p 13-14
- Campbell, Roald Fay, and Gregg, Russell T. Administrative behavior in education [contributing auths: Walter A. Anderson and others] sponsored by the Nat. conference of professors of educational administration. Harper '57 incl bibliog
- Campbell, Roald Fay, and others. Introduction to educational administration. Allyn '58 incl bibliog
- Chamberlain, Leo Martin, and Kindred, Leslie Withrow. Teacher and school organization. 3d ed. (Prentice-Hall education ser) Prentice-Hall '58 incl bibliog annot
- Columbia university. Teachers college. Department of educational administration. Study guide for professional preparation in educational administration. The college '56 incl bibliog
- Cooper, D. H. School administration. *R Educ Res* 26:219-23 Je '56
- Eastmond, Jefferson N. Teacher and school administration. Houghton '59 incl bibliog
- Educational organization, administration, and finance; reviews the literature for the three-year period since Apr. 1952[-1955] *R Educ Res* 25:277-363; 28:273-370 O '55, O '58
- Educational research service. Questionnaire studies completed—bibliography no261-301 1954-55[-1958-59] (Circ. 1955:8; 1956:10; 1957:8; 1958:9; 1959:9) The service '55-'59 5v annot
- Elsbree, Willard Slingerland, and McNally, Harold J. Elementary school administration and supervision. Am. bk. co. '59 incl bibliog
- Faunce, Roland Cleo. Secondary school administration. (Exploration ser. in education) Harper '55 incl bibliog
- French, Will, and others. American high school administration; policy and practice. rev ed (Rinehart bks. in secondary education) Rinehart '57 incl bibliog
- Garber, Lee Orville, and others. Law and the school business manager. Interstate '57 incl bibliog
- Gaukerle, Warren E. Legal and ethical responsibilities of school personnel. (Prentice-Hall education ser) Prentice-Hall '59 incl bibliog
- Griffiths, Daniel Edward. Human relations in school administration. Appleton '56 incl bibliog
- Hagman, Harlan Lawrence. Administration of elementary schools. (McGraw-Hill ser. in education) McGraw '56 incl bibliog
- Hagman, Harlan L. and Schwartz, Alfred. Administration in profile for school executives. (Exploration ser. in education) Harper '55 incl bibliog
- Hicks, Hanne John. Administrative leadership in the elementary school. (Douglass ser. in education) Ronald '56 incl bibliog
- Hughes, James Monroe. Human relations in educational organization; a basic text in personnel administration. (Exploration ser. in education) Harper '57 p405-19 annot
- Hunt, Herold Christian, and Pierre, Paul Revere. Practice of school administration; a cooperative professional enterprise. Houghton '58 incl bibliog
- Koos, L. V. School organization in recent textbooks in education. *Sch R* 64:134-5 Mr '56
- Melby, Ernest Oscar. Administering community education. (Prentice-Hall education ser) Prentice-Hall '55 p312-14
- Moore, Harold Emerson, and Walters, Newell B. Personnel administration in education. (Exploration ser. in education) Harper '55 incl bibliog
- Moore, Hollis A. Studies in school administration; a rep. on the CPEA. Com. for the advancement of school adm. Am. assn. of school administrators '57 incl bibliog annot
- Morphet, Edgar Leroy, and others. Educational administration; concepts, practices, and issues. (Prentice-Hall education ser) Prentice-Hall '59 incl bibliog
- Mort, Paul R. Principles of school administration; a synthesis of basic concepts. 2d ed [by the auth. and Donald H. Ross] (McGraw-Hill ser. in education) McGraw '57 incl bibliog
- National education association of the United States. Department of classroom teachers. Democracy in school administration. rev 4th ed (Discussion pamphlet, no 12) The department '58 p24-5
- National education association of the United States. Department of elementary school principals. Flexible school: a guide to school planning. rev ed The department '57 p70-2
- Prestwood, Elwood L. High school principal and staff work together. (Secondary school adm. ser) Teachers college '57 p94-6
- Reeder, Ward Glen. Fundamentals of public school administration. 4th ed Macmillan '58 incl bibliog annot
- Sargent, Cyril Garbutt, and Belisle, Eugene Louis. Educational administration: cases and concepts. Houghton '55 p471-2
- Savage, William W. Consultative services to local school systems. Studies in educational adm. Midwest adm. center, Univ. of Chicago '59 p73-4

SCHOOL administration and organization—*Continued*

- Selected references on public school administration. *El Sch J* 56:226-32; 57:281-6; 58:290-6; 59:291-8 *Ja* '56, *F* '57, *F* '58, *F* '59
- Selected references on the organization and administration of secondary education. *Sch R* 63:399-402; 64:323-7 *O* '55, *O* '56 annot
- Shuster, Albert H. and Wetzler, Wilson F. Leadership in elementary school administration and supervision. Houghton '58 incl bibliog
- Southern states cooperative program in educational administration. Regional action for professional progress; activities, outcomes, impact of the Program. (Ky. Univ. Bur. of school service. *Bul.* v29, no2) Program center, George Peabody college for teachers '56 p 145-61
- Spain, Charles Rufus, and others. Educational leadership and the elementary school principal. (Rinehart bks. in elementary education) Rinehart '56 incl bibliog
- Thurston, Lee Mohrmann, and Roe, William Henry. State school administration. (Exploration ser. in education) Harper '57 incl bibliog
- Workshop in educational administration, Ohio state university, July 25-August 12, 1955. Communication in educational administration; rep. of the Workshop; ed. by Darwin B. Keye. The university '55 p 107-11
- Yeager, William Allison. Administration of the noninstructional personnel and services (Education for living ser) Harper '59 incl bibliog
- See also*
Class size
Colleges and universities—Administration
Educational laws and legislation
School boards
School supervision and supervisors

SCHOOL administrators**Salaries**

- Wynn, Richard. Salaries for New York state school administrators. Council for adm. leadership '58 p45-6
- SCHOOL and community.** See Community and school
- SCHOOL and social problems**
See also
Social work—Work in schools
- SCHOOL and the home**
National congress of parents and teachers. Teacher's guide to the P.T.A. The congress '57 p76-8
- Stout, Irving W. and Langdon, Grace. Parent-teacher relationships. (What research says to the teacher, 16) Dept. of classroom teachers, Nat. education assn. '58 p30-1
- SCHOOL athletics**
Skubic, E. Emotional responses of boys to Little league and Middle league competitive baseball. *Res Q* 26:351-2 *O* '55

SCHOOL attendance

- Florida. University. College of education. Education library. Drop-out student; a problem of secondary education. (Bibliog. no 14) The library '56 4p
- Iffert, Robert E. Retention and withdrawal of college students. (U.S. Office of education. *Bul.* 1958, no 1) U.S. Gov. ptg. office '58 p 111-20
- Moore, Sister Mary Alice Joseph. Catholic college student retention in the United States. (Catholic univ. of Am. Educational research monographs, v20, no3) Catholic univ. of Am. press '57 p 132-9
- Penty, Ruth C. Reading ability and high-school drop-outs. (Studies in education) Teachers college '56 p79-83
- Slocum, W. L. Social factors involved in academic mortality. *Coll & Univ* 32:63-4 *Fall* '56

SCHOOL boards

- Bemis, Maynard, and others. Boardmanship; a guide for the school board member. Stanford univ. press '55 p 114-15
- National school board association. 1958 convention yearbook and 18th annual program. The association '58 p 138-40

SCHOOL buildings

- American school and university; a yearbk. devoted to the design, construction, equipment, utilization, and maintenance of educational buildings and grounds, 1955-56, 1957-58, 1959-60 (V27, 29, 31) Am. school pub. co '55-'59 3v 1955-56, p453-72; 1957-58, v 1 p389-408; 1959-60, p223-36
- Bibliography for custodians. *Cath Sch J* 55: 52A+ S '55
- Heffernan, Helen, and Bursch, Charles Wesley. Curriculum and the elementary school plant. Assn. for supervision & curriculum '58 p69-71
- Herick, John Henry, and others. From school program to school plant; a discussion of problems of planning school buildings. Holt '56 p470-3 annot
- MacConnell, James David. Planning for school buildings. (Prentice-Hall educational ser) Prentice-Hall '57 incl bibliog
- McQuade, Walter, ed. Schoolhouse; a primer about the building of the Am. public school plant, produced in the public service by the Joint school research project. Simon & Schuster '53 p266-8
- National council on schoolhouse construction. 13 principles of economy in school plant planning and construction. Research & pubs. com. '55 p43-7
- National education association of the United States. Department of audio-visual instruction. Planning schools for use of audio-visual materials; no 1, Classrooms. The association '58 p51-5
- Pierce, David Arthur. Saving dollars in building schools. Reinhold '59 p 109-11
- Sumption, Merle Richard, and Landes, Jack Lyle. Planning functional school buildings. (Exploration ser. in education) Harper '57 incl bibliog
- United States. Office of education. Secondary school plant; an approach for planning functional facilities, by James L. Taylor. (Special pub. no5) The office '56 p51-60 annot

See also

Colleges and universities—Buildings

SCHOOL children

- Burchinal, L. and others. Children's personality adjustment and the socio-economic status of their families. *J Genet Psychol* 92:158-9 *Je* '58
- Westermarck, Tory I. and Burton, William H. Failure or promotion. (Curriculum bul. no 152) School of education, Univ. of Ore. '55 p5
- Adjustment**
Beilin, H. Teachers' and clinicians' attitudes toward the behavior problems of children: a reappraisal. *Child Develop* 30:22-5 *Mr* '59
- Gray, S. W. Perceived similarity to parents and adjustment. *Child Develop* 30:105-7 *Mr* '59
- Rudd, W. G. A. Psychological effects of streaming by attainment. *Brit J Educ Psychol* 28:59-60 *F* '58

Dental inspection and care

- Preliminary report on the progress of an examination of the role of dental hygienists in schools. *J Sch Health* 29:79-80 *F* '59

Health and hygiene*See* School hygiene**Social and economic status**

- McCord, W. M. and Demerath, N. J. Negro versus white intelligence: a continuing controversy. *Harvard Educ R* 28:134-5; Spring '58 Rejoinder by F. C. J. McGurk 29:61-2 Winter '59

Transportation

- New York (state). University. Bureau of field financial services. Transportation. (School business management handbk. 6) The university '55 p 109-10
- United States. Office of education. Selected references on pupil transportation, by E. Glenn Featherston. The office '52 16p

SCHOOL finance

- Burke, Arvid James. Financing public schools in the United States, rev ed (Exploration ser. in education) Harper '57 incl bibliog

SCHOOL finance—Continued

- Educational organization, administration, and finance; reviews the literature for the three-year period since Apr. 1952[1955] R Educ Res 25:277-363; 28:273-370 O '55, O '58
- McLure, W. P. Job of the school treasurer. Ill Sch Board J 21:25-7 Mr '54
- Munse, Albert R. and Booher, Edna D. Selected references on school finance; prepared under the direction of Clayton D. Hutchins. (U.S. Office of education. Circ. no462) U.S. Gov. ptg. office '56 42p
- National citizens commission for the public schools. How do we pay for our schools? a guide to understanding public school finance. (Working guide no 10) The commission '54 p72-5
- Rosenstengel, William Everett, and Eastmond, Jefferson N. School finance; its theory and practice. (Douglass ser. in education) Ronald '57 incl bibliog
- Smith, John Allan. Appraisal of school bond campaign techniques. (Los Angeles. Univ. of Southern Calif. Education monographs, 15) Univ. of Southern Calif. press '53 p 125-30
- United States. Office of education. Selected references on federal aid for education by Clayton D. Hutchins and Albert R. Munse. The office '52 9p

SCHOOL furniture

- Pinnell, Leroy Kenneth. Functionality of elementary school desks. (Pub. no5) Bur. of laboratory schools, Univ. of Tex. '54 p36-9

SCHOOL hygiene

- Byrd, Oliver Erasmus, comp. School health sourcebook. Stanford univ. press '55 p340-59
- Council of chief state school officers. Responsibilities of state departments of education and health for school health services; a policy statement. rev ed The Council. Assn. of state & territorial health officers '59 p47-8 annot
- Evaluate your school health program. J School Health 26:173-4 Je '56
- Haag, Jessie Helen. School health program. Holt '58 incl bibliog
- Joint committee on health problems in education. Healthful school living; a rep. of the Committee of the Nat. education assn. and the Am. medical assn. with the cooperation of contributors and consultants; ed: Charles C. Wilson. Nat. education assn. '57 incl bibliog
- Joint committee on health problems in education. Suggested school health policies [a rep] prepared by the Nat. com. on school health policies of the Nat. conference for cooperation in health education. 3d ed The committee '56 p38-40
- Nemir, Alma. School health program; a textbk. for teachers and for other professional personnel in school health. Saunders '59 incl bibliog
- Walker, Herbert. Health in the elementary school; the role of the classroom teacher. Ronald '55 incl bibliog

See also

- School children—Dental inspection and care
- SCHOOL journalism.** See College and school journalism

SCHOOL law. See Educational laws and legislation**SCHOOL libraries**

- Alexander, Eleonora. School library supervision; proceedings of the 2d Lib. institute. Graduate dept. of lib. science, Immaculate Heart college '58 p 105-7
- Clark, Rheta A. School library program. (Bul. no88) Conn. Dept. of education '58 p35-9
- Daniels, Marietta. Bibliotecas infantiles y escolares: una bibliografía. (Bibliog. ser. no45) Columbus memorial lib, Pan Am. union '55 20p
- Illinois. University. Library school. School library supervisor; a rep. of an inst. on school lib. supervision held at the Univ. of Ill. lib. school, Oct. 3-6, 1954; ed. by Harold Lancour. A.L.A. '56 incl bibliog
- Meyer, Floyd R. and Weresh, Andrew A. Nebraska school library handbook; suggested procedures concerning school lib. organization and administration. Div. of supervision & curriculum, Neb. state dept. of public instruction '54 p89-98

School library association. Library in the primary school; a rep. of the Primary schools sub-committee; with a pref. by W. O. Lester Smith. The association '58 p81-2

Stott, Cecil Ainsworth. School libraries; a short manual. 2d ed rev Cambridge '55 p 134-9

Wofford, Azile. School library at work; acquisition, organization, use and maintenance of materials in the school library. Wilson '59 p240-4

See also

Children's literature

Student assistants

Douglas, Mary Peacock. Pupil assistant in the school library. A.L.A. '57 p53-5

SCHOOL lunches

Gavian, Ruth (Wood). School lunch: its educational contribution. (Nutrition education ser. Pamphlet no6) U.S. Office of education '54 p24-7

New York (state). University. Bureau of field financial services. School lunch. (School business management handbk. 8) The university '55 p57-8

United States. Interagency committee on nutrition education and school lunch. Selected references on nutrition and school lunch. rev ed Bur. of commercial fisheries, U.S. Fish & wildlife service '58 14p

SCHOOL management and organization. See School administration and organization**SCHOOL music**

- Byer, Maude Gerrior. Music education in elementary school; guide and course of study providing simple progressive movement through the grades in essential music learnings. Fearon pub. '57 p 121-2
- McMillan, L. Eileen. Guiding children's growth through music. Ginn '59 incl bibliog
- Music educators' national conference. Music in American life commission VI: Music in the senior high school. Music in the senior high school. The conference '59 incl bibliog
- Myers, Louise (Kifer). Teaching children music in the elementary school. 2d ed (Prentice-Hall music ser) Prentice-Hall '56 p338-68 annot
- Nye, Robert Evans, and Nye, Vernice Trousdale. Music in the elementary school; an activities approach to music methods and materials. Prentice-Hall '57 incl bibliog
- Snyder, Keith Dewitt. School music administration and supervision. Allyn '59 p342-54
- Sur, William Raymond, and Schuller, Charles Francis. Music education for teen-agers. (Exploration ser. in education) Harper '58 incl bibliog
- Timmerman, Maurine. Let's teach music; in the elementary school. Summy '58 incl bibliog

SCHOOL principals

Yauch, Wilbur A. Helping teachers understand principals. (Current problems in education) Appleton '57 p93-5

SCHOOL shops

Thompson, A. W. Co-ordinated industrial arts and vocational agriculture; example for rural areas. Ind Arts & Voc Educ 44: 88 Mr '55

Weaver, Gilbert Grimes. Shop organization and management; for vocational and industrial arts teachers. Pitman '55 incl bibliog

SCHOOL social work. See Social work—Work in schools**SCHOOL sports.** See School athletics**SCHOOL supervision and supervisors**

Barr, Arvil Sylvester, and others. Supervision; a social process. 3d ed. by William H. Burton [and] Leo J. Brueckner. (Appleton ser. in supervision and teaching) Appleton '55 incl bibliog

Florida. University. College of education. Education library. Supervision; a sel. list of introd. readings. rev ed (Bibliog. no30) The library '58 7p

Gross, Neal Craslinéck. Who runs our schools? Wiley '58 p 185-8

Halpin, Andrew Williams. Leadership behavior of school superintendents; the perceptions and expectations of board members, staff members, and superintendents. (Studies in educational adm. 6) Midwest adm. center, Univ. of Chicago '59 p87-90

- SCHOOL supervision and supervisors—Cont.**
Hammock, Robert Carleton, and Owings, Ralph Seer. Supervising instruction in secondary schools. (McGraw-Hill ser. in education) McGraw '55 incl bibliog
- Southwestern cooperative program in educational administration. Role of the administrator in the analysis & improvement of instruction. Univ. of Tex. '54 incl bibliog
- Wiles, Kimball. Supervision for better schools; the role of the official leader in program development. 2d ed Prentice-Hall '55 p349-62
- SCHOOL year**
Minnesota. Department of education. Longer school year; all-year school and other plans to extend the school year. (Research project no 12) The department '58 p 16-17
- Ogden, C. L. Four quarter plan, how practical an idea? *Am Sch Bd J* 133:21 Aug '56
- SCHOOLHOUSES.** See School buildings
- SCHOOLS**
See also
Church schools
Colleges and universities
High schools
Kindergarten
Nursery schools
Public schools
Rural schools
- Exercises and recreations
See also
Drama in education
- Furniture, equipment, etc.
See School furniture
- Public relations
Bortner, Doyle M. Public relations for teachers. Simmons-Boardman '59 p 132-59 annot
- Kindred, Leslie Withrow. School public relations. Prentice-Hall '57 p419-44 annot
- McCloskey, Gordon. Education and public understanding. (Exploration ser. in education) Harper '59 incl bibliog annot
- McCoy, John Howard. Calendar of campus activities; day-by-day suggestions for a balanced program of public relations during the school year. 4th ed (ideas for 1952 and 1953) The author '51 incl bibliog
- Moehman, Arthur Bernard, and Van Zwoll, James A. School public relations. Appleton '57 incl bibliog
- Stearns, Harry Lee. Community relations and the public schools. Prentice-Hall '55 incl bibliog annot
- SCHOOLS, Military.** See Military education
- SCHOOLS and museums.** See Museums and schools
- SCHOPENHAUER, Arthur, 1788-1860**
Hübscher, A. Nachträge zur Schopenhauer-bibliographie für die Jahre 1910-1955. Schopenhauer-Jahrb 37:110-20 '56
- Hübscher, A. Nachträge zur Schopenhauer-bibliographie für die Jahre 1927-1956. Schopenhauer-Jahrb 39:209-16 '58
- Schopenhauer-bibliographie für 1952-1953[1-1957] Schopenhauer-Jahrb 35:79-82; 36:104-16; 38:141-6; 39:207-8 '54-'55, '57-'58 annot
- SCHREIBER, Georg, 1882-**
Morse, Rudolf. Schriftenverzeichnis Georg Schreiber. 2d ed Deutsches inst. für auslandskunde '58 95p
- SCHREIBMÜLLER, Hermann, 1874-**
Schreibmüller, Hermann. Franken in geschichte und namenwelt; ausgewählte aufsätze mit einem schriften-verzeichnis, zum 80. geburtstage des verfassers; zusammengestellt und eingeleitet von Günther Schuhmann. (Gesellschaft für fränkische geschichte, Würzburg. Veröffentlichungen. Reihe 9: Darstellungen aus der fränkischen geschichte, v 10) Schöningh kommissions-verlag '54 p225-43
- SCHREPFER, Hans, 1897-1945**
Siebert, Anneliese. Der stein als gestalter der kulturlandschaft im Maindreieck. The author '53 p iii-viii
- SCHROEDER, Theodore Albert, 1864-1953**
Theodore Schroeder's last will; ed. and comp. by Lesley Kuhn; introd. by Alison Reppy; an appreciation by Ethel Clyde. Psychological lib. '58 3p (at end)
- SCHUBRING, Walther, 1881-**
Hamm, F. R. Verzeichnis der bis zum 10. Dezember 1951 erschienenen schriften von Walther Schubring. (In Beiträge zur indischen philologie und altertumskunde. Walther Schubring zum 70. geburtstag dargebracht von der deutschen indologie. (Alt- und neuindische studien, 7) De Gruyter '51 p215-17)
- SCHÜCKING, Levin Ludwig, 1878-**
Ehrl, B. Bibliographie der Shakespearepublikationen 1938-1958 von Levin L. Schücking. Shakespeare-Jahrb 94:362-3 '58
- Ehrl, B. Bibliographie der veröffentlichungen von Levin L. Schücking <ohne besprechungen> Anglia 76 no 1:217-26 '58
- SCHUMACHER, Peter, 1878-1957**
Schebesta, P. In memoriam P. Peter Schumacher, 1878-1957. Anthropos 53 no 1: 235-6 '58
- SCHUMAN plan.** See European coal and steel community
- SCHUMANN, Friedrich Karl, 1886-**
Schumann, Friedrich Karl. Wort und gestalt; gesammelte aufsätze. (Glaube und forschung, 13) Luther-verlag '56 p393-400
- SCHWEINFURTH, Philipp, 1887-**
Ladendorf, Heinz. Philipp Schweinfurth; schriftenverzeichnis in chronologischer folge. (In Aus der byzantinischen arbeit der Deutschen Demokratischen Republik. 2. Akademie-verlag '57 p 187-205)
- SCHWEITZER, Albert, 1875-**
Lind, Emil. Albert Schweitzer; aus seinem leben und werk; autorisierte jubiläumsausg. zum 80. geburtstage Dr. Schweitzers. (Die weissen hefte, 5) Necessitas-verlag '55 p347-71
- Müller, Herbert, and Heinrich, Gisela. Albert Schweitzer; ein bücherverzeichnis. Duisburg. Stadtbücherei '56 41p
- To Dr. Albert Schweitzer; a festschrift commemorating his 80th birthday from a few of his friends; ed. by H. A. Jack. The editor '55 p 161-74
- SCHWEITZER, Bernhard, 1892-**
Lullies, Reinhard, ed. Neue beiträge zur klassischen altertumswissenschaft; festschrift zum 60. geburtstag von Bernhard Schweitzer. Kohlhammer '54 p410-15
- SCIACCA, Sicily**
Daneu Lattanzi, Angela, and Trasselli, Carmelo. Mostra storico-bibliografica di Sciacca, in occasione del I Convegno regionale delle biblioteche, Palermo-Catania, 21-25, v. 1955. Assessorato regionale P. I. '55 188p
- SCIENCE**
Academia Republicii Populare Romine. Biblioteca. Indexul lucrărilor științifice publicate în perioadele și culegerile editate de Academia R. P. Romine, 1948-1954. Index des travaux scientifiques publiés dans les périodiques et les recueils édités par l'Académie de la R. P. Roumaine, 1948-1954. Editura Academiei Republicii Populare Romine '57 590p
- Agra (city). University. List of research papers published from affiliated colleges during 1947-52. The university '52 30p
- Algemeene vereeniging van rubberplanters ter oostkust van Sumatra. Algemeen proefstation. Bibliotheek. Catalogus van de Bibliotheek van het Algemeen proefstation der A. V. R. O. S. te Medan. The library '51-'58 2v
- Aanvulling, 1. The library '58 1v
- American association for the advancement of science. Books of the traveling high school science libraries. The association; Nat. science foundation '55 48p annot
- Same [comp. by] Hilary J. Deason, rev ed The association; Nat. science foundation '56 69p
- Same, 3d ed The association; Nat. science foundation '57 73p
- Same; with title: Traveling high school science library. 4th ed The association; Nat. science foundation '58 68p
- American association for the advancement of science. Inexpensive science library; a sel. list of paperback science bks [comp. by Hilary J. Deason]. The association; Nat. science foundation '57 16p
- Same, 2d ed The association. Nat. science foundation '58 38p
- Same [comp. by] Hilary J. Deason and Robert W. Lynn. 3d ed The association '59 59p
- Aslib. British scientific and technical books; a sel. list of recommended bks. pub. in Great Britain and the Commonwealth in the years 1935 to 1952; with a foreword by F. C. Francis. Hafner '56 364p

SCIENCE—Continued

- Aslib. Select list of standard British scientific and technical books; ed. by L. J. Anthony. 5th ed rev & enl The association '57 88p
Aslib book-list; monthly recommendations of recently pub. scientific and technical books. Assn. of special libs. & information bureaux. See numbers
- Australian science abstracts; sup. to Australian journal of science. Australian national research council. See numbers thru February 1957
- Belgrad. Jugoslavenski centar za tehničku i naučnu dokumentaciju. Bilten; dokumentacija stručne literature. The center. See numbers
- Beyerly, E. Documentation of western science in the Soviet Union. Am Doc 8:98-102 Ap '57 annot
- Bibliographia scientiae naturalis helvetica, 1954[1-1957] (V30-33) Schweizerische landesbibliothek '55-'58 4v
- Bibliographie. See numbers of Revue des questions scientifiques
- Bibliography of scientific publications of South and South East Asia. UNESCO science cooperation offices for South & South East Asia. See numbers
- Bonner, Francis Truesdale, and Phillips, Melba Newell. Principles of physical science. (Addison-Wesley physics ser) Addison-Wesley '57 incl bibliog
- Book of popular science. Grollier soc. '57 10v v 10, p4085-4110
- Brünn. Universita. Knihovna. Sovětská matematická, astronomická, fyzikální a chemická literatura z let 1950-1953 v státních studijních knihovnách; sest. Jan Hanák s kolektivem. (Výběrový seznam, 4) The library '53 114p
- Cable, Emmett James, and others. Physical sciences. 4th ed Prentice-Hall '59 p530-6
- Catching up with science. N Y Pub Lib Br Lib Bk News 35:40-6 Ap '58 annot
- Cheronis, Nicholas Demetrius, and others. Study of the physical world. 3d ed Houghton '58 incl bibliog annot
- Columbia university. School of library service. Guide to the literature of science, for use in connection with the courses in science literature; prepared by Thomas P. Fleming. 2d ed The school '57 69p
- Craig, Gerald Spellman. Science for the elementary-school teacher. new ed Ginn '58 p871-8
- Deason, H. J. Traveling high-school science libraries. Science 122:1174-6; 124:1013-16 D 16 '55, N 23 '56
- Eels, W. C. American doctoral dissertations on science written by women in the nineteenth century. Sci Educ 41:415-17 annot
- Estève, Madeleine. Répertoire des congrès et ouvrages collectifs figurant à la bibliothèque de l'Institut Henri Poincaré (cabinet du Département des sciences mathématiques) liste dressée à la date du 31 déc. 1956. (Doc. mathématique, no34) Secrétariat mathématique '56 94p
- Estrin, H. A. Outside reading for science students. Lib J 83:343-5 F 1 '58
- Fessler, A. L. Scientific, medical and technical paperbacks. Lib J 84:1191-5 Ap 15 '59
- France. Centre national de la recherche scientifique. Ouvrages publiés avec le concours du Centre: sciences mathématiques, physico-chimiques, biologiques et naturelles. The center '5-? vp
- Franklin institute laboratories check list of publications. See numbers of Franklin institute, Philadelphia. Journal
- French bibliographical digest; no 1 (ser3) French doctoral theses; Sciences, 1951-1953. French cultural services of New York '55 75p
- Goran, Morris Herbert. Introduction to the physical sciences. Free press '59 p401-5
- Gray, Dwight E. and Coutts, John Wallace. Man and his physical world. 3d ed Van Nostrand '58 incl bibliog
- Great Britain. Ministry of supply. Index to translations. Technical information & lib. services, Ministry of supply '56 1v
- Hanover. Stadtbibliothek. Naturwissenschaften, medizin; ein verzeichnis von büchern und aufätzen. The library '54 146p
- Hawkins, Reginald Robert, ed. Scientific, medical, and technical books published in the United States of America; a sel. list of titles in print with annots; 2d ed. bks. pub. to Dec. 1956. Com. on bibliog. of Am. scientific & technical bks. Nat. research council '58 1491p
- Hershenson, Herbert M. Ultraviolet and visible absorption spectra; index for 1930-1954. Academic press '56 205p
- INSDOC list; current scientific literature. Indian nat. scientific doc. centre. See numbers
- Indice bibliográfico. See numbers of Revista de ciencia aplicada
- Inhaltsverzeichnis sowjetischer fachzeitschriften. Reihe 3: Naturwissenschaften. Zentralstelle für wissenschaftliche literatur. See numbers
- International encyclopedia of unified science; ed. by Otto Neurath [and others] Univ. of Chicago press '55 2v incl bibliog
- International technical titles; a monthly compilation of tables of contents of journals in pure and applied aeronautics, physics, chemistry, engineering, mathematics and electronics. Technical lib. associates. See numbers
- Israel. Embassy. Great Britain. Catalogue des publications scientifiques d'Israël, 1948-1955. The embassy '55 164p
- Israel. Research council. Catalogue of scientific publications by Israeli scientists, 1948-1955. The council '56 259p
- Jean, Frank Covert, and others. Man and his physical universe; with the editorial collaboration of Samuel Ralph Powers. 3d ed Ginn '58 incl bibliog
- Jenkins, Frances Briggs. Science reference sources; a sel. list of titles for use in Lib. science 412 at the Univ. of Ill. lib. school. 2d ed Illinois union bk. store '58 93p
- Jessop, W. S. Looking around. Harvard Bsns R 35:154-7 Mr '57
- Johnson, Irma, and others. Selected books and journals in science and engineering. (Technology monographs: lib. ser, no 1) Mass. inst. of technology '58 58p
- Larrea, Carlos Manuel. Bibliografía científica del Ecuador. Casa de la cultura ecuatoriana '48-'53 5v
- Lotze, Reinhold, and Sihler, Hans. Das weltbild der naturwissenschaft; ergebnisse und heutiger stand der forschung, Metzler '54 p441-51
- McCorkle, Paul. Physical world. 2d ed McGraw '56 incl bibliog
- Malcèls, Louise Noëlle. Les sources du travail bibliographique; v3. Bibliographies spécialisées (sciences exactes et techniques) avec la collaboration de G. Garnier [et al] Droz; Lib. Minard '58 575p annot
- Master's theses accepted by U. S. colleges and universities in the fields of chemical engineering, chemistry, mechanical engineering, metallurgical engineering, and physics, 1955 and 1956[1-1957] Thermophysical properties research center, Purdue univ. '57-'58 2v
- National book league. Science for all; an annotated reading list for the non-specialist; prepared in consultation with the British assn. for the advancement of science. Cambridge '58 177p
- Supplement 1-2. The league '58-'59 2v
- National research centre of Egypt. Scientific and technical documentation centre. Abstracts of scientific and technical papers published in Egypt and papers received from Afghanistan, Cyprus, Iran, Iraq, Lebanon, Pakistan, Sudan and Syria. The council. See numbers
- Das neue wissenschaftliche buch; neuerwerbungen der wissenschaftlichen bibliotheken der DDR. Reihe A: Naturwissenschaften-technik. Harrassowitz. See numbers
- New York (city). Board of education. Bureau of curriculum research. Selected bibliography in elementary science. (Curriculum research rep) The bureau '55 31p annot
- Newman, James Roy, ed. What is science? twelve eminent scientists and philosophers explain their various fields to the layman. Simon & Schuster '55 p437-57 annot
- News of Tennessee science. See numbers of Tennessee academy of science, Journal

SCIENCE—*Continued*

- Polska akademia nauk. Quarterly review of publications. The academy. See numbers thru 1957
- Polska akademia nauk. Quarterly review of scientific publications; serC: Pure and technical sciences. Ossolineum. See numbers
- Prague, Universita Karlova. Knihovna. Matematika, fysika, chemie, geologie; sest. Helena Winklerová. (Čtème a studujeme, 1958, no4) The library '58 46p
- Ramirez, Jesús Emilio. La necesidad de la bibliografía científica para el progreso de la investigación [conferencia dictada en la Biblioteca nacional el día 6 de sept. de 1957] (Pubs. v 11.1.e.31) Asociación colombiana de bibliotecarios '57 23p
- Recent scientific and technical books. See last numbers of each month of Nature
- Reichardt, Günther. Sowjetische literatur zur naturwissenschaft und technik; bibliographischer wegweiser. (Deutsche forschungsgemeinschaft. Veröffentlichungen) Steiner '57 181p
- Same. 2d rev & enl ed (Deutsche forschungsgemeinschaft. Veröffentlichungen) Steiner '59 306p
- Reichinstein, David. Wissenschaftliche bibliographie. Verlag Aristoteles '53 52p
- Saur, Karl Otto, and Gringmuth, Grete. Handbuch der technischen dokumentation und bibliographie. Verlag Dokumentation der technik '56 1v
- Same. 2d enl ed Verlag Dokumentation der technik '57 2v
- Science books to implement the National defense act. Lib J 84:1654-63 My 15 '59
- Science in progress, tenth series. (Soc. of the Sigma xi. Nat. lectureships, 1955 and 1956) Yale univ. press '57 p243-7
- Science reference notes. Science libs, Columbia univ. See numbers
- Simmons, M. P. I-G-Y means knowledge. School Sci & Math 58:41-3 Ja '58
- Soviet science and technology. Consultants bur, New York. See numbers
- Special libraries association. Translation monthly. John Crerar lib. See numbers thru 1958
- Special libraries association. Translation committee. S.L.A. list of translations, October 1, 1953. The association '54 72p
- Supplement, September 1, 1954; prepared by the John Crerar library, Chicago, Illinois. The association '54? 62p
- Stern, Kurt H. Bibliography of Liesegang rings. Univ. of Ark. editorial service '55 70p
- Technica; een int. technische bibliog. Deze bibliog. bevat de technische uitgaven verschenen van 1954 tot 1956, alsmede de belangrijke standaardwerken en handboeken uit de voorgaande jaren; afkortingen en inhoudstabel. Technica; an int. bibliog. This bibliog. will contain the technical pubs. pub. from 1954 to 1956, as well as the important standard works and handbks. of the former years; abbreviations and contents. Standaard-boekhandel '56 303p
- Technical translations. Office of technical services, U.S. Dept. of commerce. See numbers
- Texas. Agricultural and mechanical college. Graduate school. Abstracts of dissertations for the degree of doctor of philosophy, 1940/55. The school '56 225p
- United Nations educational, scientific, and cultural organization. Science cooperation office for South Asia. Bibliography of scientific publications of South Asia (India, Burma, Ceylon) The office. See numbers thru 1954
- United Nations educational, scientific, and cultural organization. Science cooperation office, Middle East. List of scientific papers published in the Middle East, received by this office. See numbers thru July 1955
- United States. Department of the army. Army library. Research and development, and related aspects, in foreign countries; a sel. list of titles. (Special bibliog. no8) The library '56 2v
- United States. Library of Congress. Science division. Scientific translation center. Bibliography of translations from Russian scientific and technical literature. The library. See numbers thru 1956
- United States. National science foundation. Publications resulting from [the] Foundation research grants through fiscal year ending June 30, 1956; comp. by Virginia Boteler. U.S. Gov. ptg. office '57 38p
- Uppsala. Universitet. Bibliotek. Bibliotheca Walleriana; the bks. il. the history of medicine and science coll. by Dr. Erik Waller, and bequeathed to the Library; a catalogue comp. by Hans Sallander. (Acta, v8-9) Almqvist '55 2v
- Van Deventer, W. C. Educational values of science-in-the-news. School Sci & Math 57:680-1 D '57
- Vucinich, Alexander S. Soviet academy of sciences. (Hoover inst. studies. SerE: Insts, no3) Stanford univ. press '56 p 143-50
- See also
- Anthropology
- Astronomy
- Bacteriology
- Bible and science
- Biology
- Botany
- Chemistry
- Crystallography
- Ethnology
- Geography
- Geology
- Mathematics
- Medicine
- Meteorology
- Mineralogy
- Natural history
- Paleobotany
- Paleontology
- Petrology
- Physical geography
- Physics
- Physiology
- Psychology
- Technology
- Zoology
- Bibliography
- Beyerly, E. Documentation of western science in the Soviet Union. Am Doc 8:98-102 Ap '57 annot
- Bibliography digest. See numbers of Sci-tech news
- Ghani, A. R. Indo-Pakistani bibliographies on scientific subjects; 016:5/6 (54) Pakistan J Sci 7:101-12 Mr '55
- Schutze, Gertrude. Bibliography of guides to the scientific-technical-medical literature. (Contributions to S-T-M lib. literature, no 1) The compiler '58 64p
- Taylor, R. S. Bibliographische quellen für technische und wissenschaftliche literatur in den Vereinigten Staaten und Kanada. Nachr Dok 8:187-91 D '57
- Dictionaries
- Linda Hall library, Kansas City, Missouri. Scientific and technical dictionaries & encyclopedias. (Bibliog. bul. no 13) The library '56 51p
- Melbourne. University. Library. Select list of scientific and technical dictionaries and glossaries in foreign languages available in the University. The library '54 48p
- United States. Library of Congress. General reference and bibliography division. Foreign language—English dictionaries; v 1. Special subject dictionaries with emphasis on science and technology. The library '55 246p
- Wüster, Eugen. Bibliography of monolingual scientific and technical glossaries. Bibliographie de vocabulaires scientifiques et techniques monolingues. (Doc. and terminology of science) UNESCO '55-'59 2v
- Experiments
- Goldstein, Philip. How to do an experiment; ed. by Paul F. Brandwein. Harcourt '57 p 183-9 annot
- Fiction
- See Science fiction
- History
- Burndy library, Norwalk, Connecticut. Herald of science, as represented by two hundred epochal books and pamphlets, selected from the Burndy library; with notes by Bern Dibner. (Pub. no 12) The library '55 96p

SCIENCE—History—Continued

- Butterfield, Herbert. Origins of modern science and its cultural influences. no811-841
- Conant, James Bryant, and others, eds. Harvard case histories in experimental science. Harvard univ. press '57 2v v2, p634-9
- Critical bibliography of the history of science and its cultural influences. no811-841
- Isis 47:247-360; 48:189-280; 49:179-296; 50:289-407 S '56, Je '57, Je '58, S '59
- Dijksterhuis, Eduard Jan. Die mechanisierung des weltbildes; ins deutsche übertragen von Helga Habicht. Springer '56 p571-81
- Electricity council, London. Education and training department. History and philosophy of science & technology; eight lectures. The department '58 p 137-9 annot
- Journal of the history of ideas. Roots of scientific thoughts; a cultural perspective; ed. by Philip P. Wiener and Aaron Noland [bibliog. by I. Bernard Cohen] Basic bks. '57 p627-57 annot
- Mieli, Aldo. La eclosión del renacimiento. (Panorama general de historia de la ciencia, 3) Espasa-Calpe '51 p 1-37
- Needham, Josef. Science and civilization in China; with the research assistance of Wang Ling. Cambridge '54-'59 3v v 1, p249-98; v2, p585-653; v3, p685-802
- Oklahoma. University. Library. Check list of the E. De Golyer collection in the history of science and technology as of August 1, 1954; comp. by Arthur McNally and Duane H. D. Roller. 3d ed Univ. of Okla. press '54 127p
- Sánchez Pérez, José Augusto. La ciencia árabe en la edad media. Inst. de estudios africanos '54 p 141-54
- Vera, Francisco. Historia de la cultura científica; v 1, La ciencia antigua. Ediar '56 incl bibliog

Juvenile literature

- Blough, Glenn Orlando, and Huggett, Albert John. Elementary school science and how to teach it; rev. ed [by] Glenn O. Blough [and others] Dryden '58 p564-91 annot
- Elementary school science library for 1953-1954 [1958] Sch Sci & Math 55:397-402; 56:308-15; 57:297-306; 58:478-89; 59:294-303 My '55, Ap '56, Ap '57, Je '58, Ap '59 annot
- Fuller, Elizabeth Mechem, and Ellis, Mary Jackson. Springboards to science; suggested experiences and experiments to encourage children to develop an early interest in science. Denison '59 p41-4
- Hubler, Clark. Working with children in science. Houghton '57 p407-17
- Kambly, Paul E. Science books for the elementary school library (published 1955-1958) (Curriculum bul. no. 191) School of education, Univ. of Ore. '59 25p annot
- Leonard, Jonathan Norton. Exploring science. World pub. '59 p305-10
- Mallinson, George Greisen, and Mallinson, Lois Marion. Bibliography of reference books for elementary science; 1956 ed. by George Greisen Mallinson and Jacqueline V. Buck. Nat science teachers assn. '56 37p
- Same. 1958 ed Nat. science teachers assn. '58 35p
- Rockcastle, Verne N. and Gordon, Eva L. Science books for children. (Cornell rural school leaflet, v51, no 1) N.Y. state college of agriculture, Cornell univ. '57 64p annot

Language

- Flood, Walter Edgar. Problem of vocabulary in the popularisation of science. (Birmingham, England. Univ. Inst. of education. Educational monographs, no2) Oliver '57 p73-5

Methodology

- Guerlac, Henry E. and others. Introduction to scientific methods; an annot. bibliography. Cornell univ. '54 38p

See also
Experimental design

Periodicals

- Aarhus, Denmark. Statsbibliotek. Tidsskrift-
fortegnelse omfattende medicin, odontologi,
almindelig naturvidenskab, kemi og fysik
i Statsbiblioteket, hospitaler og universitets-
institutter i Århus. The library '55 58p

- Aas, Norway. Norges landbrukshøgskole. Bi-
blioteket. Løpende tidsskrifter; liste over
løpende tidsskrifter og noen viktige års-
skrifter i Landbrukshøgskolens hovedbiblio-
tek og instituttbibliotekene pr. 1. april 1956.
The library '56 70p

- Bibliographical list of Japanese learned jour-
nals (natural sciences) no 1. Scientific in-
formation sec. Higher education & science
bur, Japan Ministry of education '57 81p

- Binnington, J. P. Soviet scientific journals
in English translations. Sp Lib 48:28-30
Ja '57

- Björkbohm, Carl. Samkatalog över ryska tid-
skrifter och seriepublikationer inom ren
och tillämpad naturvetenskap 1939-1954 i
svenska bibliotek. Union list of serial pub-
lications of the Soviet Union in the field of
pure and applied science 1939-1954 in
Swedish libraries. Kungl. tekniska högsko-
lans bibliotek '55 24p

- Brown, Charles Harvey. Scientific serials;
characteristics and lists of most cited pubs.
in mathematics, physics, chemistry, geology,
physiology, botany, zoology, and entomo-
logy; with a sec. by Roger V. Krumm.
(ACRL monograph, no 16) Assn. of college
& research libs. '56 incl bibliog

- Dresden. Technische hochschule. Bibliothek.
Verzeichnis der seit 1945 vorhandenen pe-
riodica; stand vom 15. mai 1953. The library
'53 23p

- Fontán Candela, José Luis. Catálogo de
revistas científico-industriales in biblio-
tecas de Madrid; prólogo del Dr. A. Santos
Ruiz. The author '53 1v

- Goethals, G. Répertoire des périodiques et
grands traités de chimie et sciences con-
nexes existant dans les bibliothèques de
Belgique. Fédération des industries chi-
miques de Belgique '54 143p

- Great Britain. Patent office. Library. Period-
ical publications in the Library; list of
current titles. H.M.S.O. '57 187p

- Same. 2d ed H.M.S.O. '58 258p
- Hopper, Natalie J. and Pepperman, Dorothy
H. Periodicals and serials received in the
Library of the National bureau of stan-
dards, April, 1955. (U.S. Nat. bur. of stan-
dards. Circ. 563) U.S. Gov. ptg. office '55
40p

- Hoseh, M. Scientific and technical literature
of the U.S.S.R. J Chem Educ 33:397-402
Ag '56 annot

- Indo-Pacific fisheries council. List of scien-
tific & other periodicals published in the
Indo-Pacific area. 2d ed rev FAO regional
office for Asia & the Far East '53 50p

- Israel. National commission of UNESCO. Sub-
committee for documentation in the natural
sciences. Union list of serials in Israel li-
braries; pure and applied sciences (exclud-
ing medicine) Weizmann science press of
Israel '55 123p

- Kronick, D. A. Fielding H. Garrison list of
medical and scientific periodicals of the
17th and 18th centuries; addenda et corri-
genda. Bul Hist Med 32:456-74 S '58

- Library association. Reference and special
libraries section. Northern group. Union
list of scientific and technical periodicals
in northern libraries. The group '55 39p

- London. Science museum. Science library.
Hand list of short titles of current periodi-
cals. 8th ed H.M.S.O. '56 426p

- Maichel, K. Selected list of Soviet scientific
journals. Sp Lib 49:197-204 My '58 annot

- Mexico (city). Centro de documentación cien-
tífica y técnica. Lista de revistas científicas
mexicanas. The center '53? 8p

- National research council, Canada. Library.
Union list of scientific serials in Canadian
libraries. The library '57 805p

- Paris. Ecole nationale supérieure des mines.
Catalogue de périodiques étrangers scien-
tifiques, techniques, industriels reçus par
les bibliothèques, instituts techniques et
centres de documentation de Paris, dressés
sous la direction de G. Dollfus par Mme
J. Lesur et P.-M. Guepau; suivi du Cata-
logue des congrès reçus par la bibliothèque
de l'Ecole des mines rédigé par P.-M.
Guepau; préf. de Edmond Friedel; mise à
jour au 1^{er} oct. 1953. The school '54 354p

SCIENCE—Periodicals—*Continued*

- Parker, Wixie. Checklist of scientific periodicals and of selected serials in the libraries of Duke university, North Carolina state college, the University of North Carolina, and the Woman's college of the University of North Carolina. Duke university '54 385p
- Perugia. Università. Catalogo delle pubblicazioni periodiche italiane e straniere esistenti presso gli istituti universitari di Perugia; presentazione di Aldo Spirito; a cura dell'Univ. degli studi di Perugia e dei quaderni della Sezione perugina della S.I.B.S. The university '56 139p
- Science-technology serials. See numbers of Sci-tech news
- Skallerup, Harry R. American state academy of science publications. (Occasional papers, no50) Univ. of Ill. lib. school '57 p 14-18
- Special libraries association. Union list committee. Union list of scientific and technical periodicals in the libraries of Greater Cincinnati and vicinity. Cincinnati chapter '58 144p
- Trondheim. Norges tekniske høgskole. Biblioteket. Samkatalog over utenlandske teknisk-naturvitenskapelige tidsskrifter i norske biblioteker; utarb. etter oppdrag fra Litteraturutvalget i Norges teknisk-naturvitenskapelige forskningsråd. NTH-trykk '53 249p
- United Nations educational, scientific and cultural organization. South East Asia science cooperation office. Union catalogue of periodical holdings in the main science libraries of Indonesia. pilot ed The office '53 302p
- United States. Library of Congress. Science division. Chinese scientific and technical serial publications in the collections of the Library of Congress. The division '55 55p
- Woods Hole, Massachusetts. Marine biological laboratory. Library. Serial publications held by the Library and the Woods Hole oceanographic institution. rev ed (Biological bul, v 102, no 1, pt2) The library '52 91p

Philosophy

- Beck, William Samson. Modern science and the nature of life. Harcourt '57 p238-93
- Bunge, Mario Augusto. Causality; the place of the causal principle in modern science. Harvard univ. press '59 p354-69
- Critical bibliography of the history of science and its cultural influences. no81[-84] Isis 47:247-360; 48:189-280; 49:179-296; 50:289-407 S '56, Je '57, Je '58, S '59
- Dijksterhuis, Eduard Jan. Die mechanisierung des weltbildes; ins deutsche übertragen von Helga Habicht. Springer '56 p571-81
- Electricity council, London. Education and training department. History and philosophy of science & technology; eight lectures. The department '58 p 137-9 annot
- Feigl, Herbert, and Scriven, Michael, eds. Foundations of science and the concepts of psychology and psychoanalysis. (Minn. studies in the philosophy of science, v 1) Univ. of Minn. press '56 incl bibliog
- Feigl, Herbert, and others, eds. Concepts, theories, and the mind-body problem. (Minn. studies in the philosophy of science, v2) Univ. of Minn. press '58 p94-8, 484-97
- Frank, Philipp, ed. Validation of scientific theories. Beacon press '57 incl bibliog
- Guérard des Lauriers, M. L. Bulletin de philosophie des sciences. R Sci Philos & Théol 40:72-96 Ja '56
- Heisenberg, Werner. Physicist's conception of nature; tr. from the German by Arnold J. Pomerans. Harcourt '58 p 185-90
- Hesse, Mary Brenda. Science and the human imagination; aspects of the history and logic of physical science. Philosophical lib. '55 p 165-7
- Kattsoff, Louis Osgood. Physical science and physical reality. Nijhoff '57 incl bibliog
- Kemeny, John G. Philosopher looks at science. Van Nostrand '59 p265-9
- Lotze, Reinhold, and Sihler, Hans. Das weltbild der naturwissenschaft; ergebnisse und heutiger stand der forschung. Metzler '54 p444-51

See also

- Biology—Philosophy
Physics—Philosophy

Social aspects

- Butler, John Alfred Valentine. Science and human life. Basic bks. '57 p 159-62
- Smith, Ben Day. Man and science; a study of mankind, past and present. Exposition '59 p 116-19

Study and teaching

- Arnold, Clement. Understanding science through chemistry; a resource unit. (Curriculum bul. no 168) School of education, Univ. of Ore. '56 p 7-11 annot
- Blough, Glenn Orlando. It's time for better elementary school science; rep. of an assn. conference supported by the Nat. science foundation. Nat. science teachers assn. '58 p45-8
- Blough, Glenn Orlando, and Huggett, Albert John. Elementary school science and how to teach it; rev. ed [by] Glenn O. Blough [and others] Dryden '58 p564-91 annot
- Brown, Kenneth, E. and Grimes, Sallie. Selected bibliography of current articles in science education. (Circ. no456) U.S. Office of education '55 15p
- Burnett, Raymond Will. Teaching science in the secondary school. (Rinehart bks. in secondary education) Rinehart '57 incl bibliog
- Dunfee, Maxine, and Greenlee, Julian. Elementary school science: research, theory and practice. Assn. for supervision & curriculum development '57 p59-67
- Hubler, Clark. Working with children in science. Houghton '57 p418-20
- Korol, Alexander G. Soviet education for science and technology. (Technology press bks. in the social sciences) Mass. inst. of technology; Wiley '57 p469-80
- Lusk, Howard D. Investigation of science education in selected Kentucky public elementary schools. (Bul. 31, no4) Bur. of school service, Univ. of Ky. '59 p72-5
- National science teachers association. Science for the academically talented student in the secondary school; rep. of a conference sponsored jointly by the Nat. education assn. project on the academically talented student and the Association; chairman: Robert R. Donaldson. The association '59 p60-3
- Natural sciences and mathematics; reviews the literature for the six-year period since Oct. 1951. R Educ Res 27:304-420 O '57
- Obourn, Ellsworth Scott. Analysis of research in the teaching of science, July 1955-July 1956. (Bul. 1958, no7) U.S. Office of education '58 p51-5
- Plitz, Albert. Investigation of teacher-recognized difficulties encountered in the teaching of science in the elementary schools of Florida. Univ. of Fla. '54 p 163-8
- Read, J. G. and Nelson, P. A. View of science education. J Educ 141:48-50 D '58
- Richardson, John Sanford. Science teaching in secondary schools. (Prentice-Hall education ser) Prentice-Hall '57 incl bibliog
- Richardson, John Sanford, and others, eds. Resource literature for science teachers. College of education, Ohio state univ. '57 65p
- Rouček, Joseph Slabey, ed. Challenge of science education. Philosophical lib. '59 incl bibliog annot
- Science education research studies, 1954. Sci Educ 39:372-89 D '55 annot
- Second[-fifth] annual review of research in science teaching. Sci Educ 38:333-65; 39:335-71; 40:337-57; 41:375-411 D '54, D '55, D '56, D '57
- Thurber, Walter A. and Collette, Alfred T. Teaching science in today's secondary schools. Allyn '59 incl bibliog
- Washton, N. S. Changes in teaching from the use of research in science education. Science Educ 40:386-7 D '56

See also

- Nature study

Terminology

- Nybakken, Oscar Edward. Greek and Latin in scientific terminology. Iowa state college press '59 p308-13

See also

- Science—Language

SCIENCE—Continued

Textbooks

Mallinson, George G. and Buck, Jacqueline V. Science bibliography; a rev. listing of textbooks for courses in science, in elementary schools and junior and senior high schools. Nat. science teachers assn. '54 11p

SCIENCE, Ancient

Clagett, Marshall. Greek science in antiquity. Abelard-Schuman '55 p205-11 annot
Cohen, Morris Raphael, and Drabkin, Israel Edward. Source book in Greek science. (Source bks. in the history of the sciences) Harvard univ. press '58 p559-68. 571 annot

SCIENCE, Applied. See Technology

SCIENCE, Medieval

Clagett, Marshall. Science of mechanics in the middle ages. (Wis. Univ. Pubs. in medieval sciences, 4) Univ. of Wis. press '59 p683-98
Helbling-Gloor, Barbara. Natur und aberglaube im Policriticus des Johannes von Salisbury. (Geist und werk der zeiten, no 1) Fretz & Wasmuth '56 p 110-18
Sánchez Pérez, José Augusto. La ciencia árabe en la edad media. Inst. de estudios africanos '54 p 141-54

Silverstein, Theodore. Medieval Latin scientific writings in the Barberini collection; a provisional catalogue. Univ. of Chicago press '57 147p

Wilson, Curtis. William Heytesbury: medieval logic and the rise of mathematical physics. (Wis. Univ. Pubs. in medieval science, 3) Univ. of Wis. press '56 p206-15

SCIENCE and religion. See Religion and science

SCIENCE and state

Dupree, A. Hunter. Science in the federal government; a history of policies and activities to 1940. Harvard univ. press '57 p387-94 annot

United States. Industrial college of the armed forces. Research and development in government exclusive of the Department of defense. The college '51 incl bibliog

SCIENCE and the Bible. See Bible and science

SCIENCE as a profession

Angel, Juvenal Londono. Careers in the scientific fields; description, opportunities, training, areas of specialization, educational aid for scientists, advantages, disadvantages, where employment is found. (Monograph v6, no60) World trade '59 p45-6

Future scientists of America foundation. Encouraging future scientists; keys to careers; 1956-1957 (4th annual) ed. of the Career guidance bibliography. Nat. science teachers assn. '56 36p annot

Walker, Harold Leroy. Careers in the atomic energy industry. (Vocational and professional monographs, no96) Bellman '58 p30-1

SCIENCE fiction

Best science fiction stories and novels, 1954-19th series) Advent pubs. '54-'58 4v 1954, p313-16; 1955, p525-44; 1956, p243-56; 9th ser. p233-58

Conklin, Groff, ed. Science-fiction adventures in mutation. Vanguard '56 p313-16

Crawford, Joseph H. and others. 333, a bibliography of the science-fantasy novel. Grandon '53 80p

Kilpatrick, C. E. Mystery, horror, western and s/f roundup no2. Lib J 83:2628-30 O 1 '58 annot

Kilpatrick, C. E. Round-up of westerns, mysteries, horror and s/f. Lib J 83:356-60 F 1 '58 annot

Scholl, R. Science fiction; a selected checklist. Bul Bibliog 22:114-15 Ja '58

Juvenile literature

McCauley, V. C. Bibliography of space literature for boys and girls. El Eng 36:98-101 F '59

SCIENTIFIC apparatus and instruments

Brombacher, William George, and others. Guide to instrumentation literature. (Circ. 567) U.S. Nat. bur. of standards '55 156p

Considine, Douglas Maxwell, ed. Process instruments and controls handbook. (McGraw-Hill handbks) McGraw '57 incl bibliog

Daumas, Maurice. Les instruments scientifiques aux XVII^e et XVIII^e siècles. (Bibliothèque de philosophie contemporaine. Philosophie des sciences) Presses universitaires de France '53 p387-92

Irving, James R. Scientific instrument industry. (Vocational and professional monographs, no98) Bellman '58 p59-60

100 books for instrumentation study. I S A J 6:60-1 Mr '59

Robertson, Andrew John Blackford, and others. Laboratory glass-working for scientists; with a foreword by Eric K. Rideal. Academic press '57 incl bibliog

Survey of current literature relating to scientific instruments. See numbers of British scientific instrument research association. Bulletin

United States. Library of Congress, Technical information division. Instrumentation literature and its use; a guide and source list, prepared by Julius F. Smith. The division '52 129p

See also

Astronomical instruments

Chemical apparatus

Electric apparatus and appliances

Electronic apparatus and appliances

Engineering instruments

Medical instruments and apparatus

Oceanographic instruments

Physical instruments

SCIENTIFIC exchanges. See Exchanges, Literary and scientific

SCIENTIFIC expeditions

See also

Mountaineering

SCIENTIFIC management. See Efficiency, Industrial; Factory management; Office management

SCIENTIFIC recreations

See also

Mathematical recreations

SCIENTIFIC research

See also

Biological research

Industrial research

SCIENTIFIC societies

Bates, Ralph Samuel. Scientific societies in the United States. 2d ed (Mass. inst. of technology. Technology press pub) Columbia univ. press '58 p225-68 annot

SCIENTISTS

American society for engineering education.

Committee on the development of engineering faculties. Engineering and scientific manpower problems; an annot. bibliog, prepared by Morris A. Horowitz. Bur. of business & economic research, Northwestern univ. '57 37p

Cooley, W. W. Attributes of potential scientists. Harvard Educ R 28:17-18 Winter '58

Du Pont de Nemours (E. I.) and company, Wilmington, Delaware. Scientist as a person; rep. of a study of technically-trained personnel whose function is conducting research in chemistry and related fields of science in the Company. Personnel research sec, Employee relations dept. '58 p63-6

Galbreath, J. W. Critical shortage of science and mathematics in our schools today. Sch Sci & Math 56:600-1 N '56

Greenwood, David C. Solving the scientist shortage; introd. by Howard Bevis. Public affairs press '58 p65-6

Jaffe, Bernard. Men of science in America; the story of Am. science told through the lives and achievements of twenty outstanding men from earliest colonial times to the present day. rev ed Simon & Schuster '58 p654-70

MacCurdy, R. D. Characteristics and backgrounds of superior science students. Sch R 64:70-1 F '56

MacCurdy, R. D. Characteristics of superior science students and their own sub-groups. Sci Educ 40:23-4 F '56

Riedman, Sarah Regal. Men and women behind the atom. Abelard-Schuman '58 p223-5

Sarton, G. Historians and philosophers of science. Isis 46:362-5 D '55

Super, Donald Edwin, and Bachrach, Paul B. Scientific careers and vocational development theory; a review, a critique and some recommendations. (HMLI pamphlets) Horace Mann-Lincoln inst. of school experimentation, Teachers college '57 p 123-35

See also

Geologists

Mathematicians

Science as a profession

SCIENTISTS—Continued

Directories

Skallerup, H. R. Membership directories of American scientific and engineering societies. Sp Lib 48:14-18 Ja '57

SCIENTISTS, American

United States. Research and development board. Committee on human resources. Symposium on scientific and specialized manpower, 15-16 June 1953. (HMP 200/1) U.S. Research & development board '53 p 133-6

SCILLY islands

Bowley, Ernest Lyon. Fortunate islands; the story of the Isles of Scilly. 4th ed Garrison house '57 p 139-40

SCLEROSIS, Multiple

Multiple sclerosis abstracts. Nat. multiple sclerosis soc. See numbers

SCONE, Stone of. See Stone of Scone

SCOREL, Jan van, 1495-1562

Utrecht. Centraal museum. Jan van Scorel [tentoonstelling] 3 Aug.-30 Oct, 1955. The museum '55 p97-106

SCORPIONS

Abd el-Wahab, Abd el-Meguid. Notes on the morphology of the scorpion, buthus quinquestriatus (H. E.) (Pubs. no3) Inst. Fouad I du désert '52 p84-90

SCOTLAND

History

Mackie, John Duncan. Scottish history. (Reader's guide, 2d ser, 12) Cambridge '56 39p annot

Intellectual life

Clive, John Leonard. Scotch reviewers; The Edinburgh review, 1802-1815. Harvard univ. press '57 p 198-210

Goldberg, Milton Allan. Smollett and the Scottish school; studies in 18th cent. thought. Univ. of N.Mex. press '59 p 187-91

Social conditions

Ferguson, Thomas. Scottish social welfare, 1864-1914. Livingstone '58 p587-97

SCOTT, Irving Day, 1877-1955

Hussey R. C. Memorial to Irving Day Scott. Geol Soc Am Proc 1957:164 '58

SCOTT, John, 1730-1783

Stewart, Lawrence Delbert. John Scott of Amwell. (Calif. Univ. Pubs. English studies, 13) Univ. of Calif. press '56 p227-9

SCOTT, Sir Walter, bart, 1771-1832

Jack, Ian. Sir Walter Scott. (Bibliog. ser. of sups. to British bk. news, no 103) Longmans '58 p33-40 annot

SCOUTS and scouting

See also

Boy scouts

SCREEN printing. See Silk screen printing

SCROLLS from the Dead Sea. See Dead Sea scrolls

SCULPTURE

Giedion-Welcker, Carola. Contemporary sculpture: an evolution in volume and space; sel. bibliog. by Bernard Karpel: Modern art and sculpture. (Docs. of modern art, v 12) Wittenborn '55 p285-324

—Same; with title: Plastik des XX. jahrhunderts; volumen- und raumgestaltung; bibliog. von Bernard Karpel. Hatje '55 p289-328

See also

Monuments

Wood carving

Rome (city)

See also

Rome (city)—Fountains

SCULPTURE, African

Elisofon, Eliot. Sculpture of Africa: 405 photographs; text by William Fagg; pref. by Ralph Linton. (Bks. that matter) Praeger '58 p252-4 annot

Paulme, Denise. Les sculptures de l'Afrique noire. (L'Œil du connaisseur) Presses univ. de France '56 p 119-20

SCULPTURE, Ancient

Battaglia, R. La statua megalitica di Ossimo in Valcamonica. R Sci Preistoriche 12 no 1-2:96-7 '57

Chamoux, F. Bulletin archéologique; sculpture, statuaire, des origines jusqu'à la fin du V^e siècle. R Etud Grecques 70:427-73 JI '57

SCULPTURE, Anglo-Saxon

Fisher, Ernst Arthur. Introduction to Anglo-Saxon architecture and sculpture. Praeger '59 p97-9

SCULPTURE, British

Moore, Henry Spencer. Henry Moore; v2, Sculpture and drawings since 1948; with an introd. by Herbert Read, Lund '55 p xix-xx

SCULPTURE, French

Bernoulli, Christoph. Die skulpturen der abtel Conques-en-Rouergue. (Basler studien zur kunstgeschichte, v 13) Birkhäuser '56 p 106-20

SCULPTURE, Italian

Crichton, George Henderson. Romanesque sculpture in Italy. Routledge '54 p 161-3
Pope-Hennessy, John. Introduction to Italian sculpture; v 1, Italian Gothic sculpture. Phaidon '55 incl bibliog

SCULPTURE, Negro

Fagg, W. Study of African art. Oberlin Coll Bul 13:61 Winter '55

Paulme, Denise. Les sculptures de l'Afrique noire. (L'Œil du connaisseur) Presses univ. de France '56 p 119-20

SCULPTURE, Romanesque

Crichton, George Henderson. Romanesque sculpture in Italy. Routledge '54 p 161-3

SCURVY

Lorenz, A. J. Scurvy in the Gold rush. J Hist Med 12:507-10 O '57

SCYTHIAN languages. See Altaic languages

SEA. See Ocean

SEA food

Prudhomme, Maurice. Inspection sanitaire des poissons, mollusques et crustacés comestibles de l'eau douce et de la mer; vade-mecum de l'inspecteur des marchés. Vigot frères '57 p215-23

See also

Shellfish

SEA level

Fairbridge, R. W. Dating the latest movements of the quaternary sea level. N Y Acad Sci Trans 20:480-2 Ap '58

SEA lions. See Seals (animals)

SEA serpent

Knowlton, William. Sea monsters. Knopf '59 p 139-41

SEA urchins

Durham, J. W. and Melville, R. V. Classification of echinoids. J Paleont 31:270-2 Ja '57

Harvey, Ethel (Browne). American arabia and other sea urchins. Princeton univ. press '56 p235-86

Kier, P. M. Tertiary echinoidea from British Somaliland. J Paleont 31:899-902 S '57

SEA urchins, Fossil

Durham, John Wyatt. Classification of clypeasteroid echinoids. (Calif. Univ. Pubs. in geological sciences, v31, no4) Univ. of Calif. press '55 p 188-92

SEA water

Barnes, H. Analysis of sea water. Analyst 80:590-2 Ag '55

Blanchard, D. C. Electrically charged drops from bubbles in sea water and their meteorological significance. J Meteorol 15:395-6 Ag '58

Blanchard, D. C. and Woodcock, A. H. Bubble formation and modification in the sea and its meteorological significance. Tellus 9:157-8 My '57

Emery, K. O. Sediments and water of Persian gulf. Am Assn Pet Geol Bul 40:2381-3 O '56

Harvey, Hildebrande Wolfe. Chemistry and fertility of sea waters. Cambridge '55 p200-16

—Same. 2d ed Cambridge '57 p200-16

Richards, F. A. and Vaccaro, R. F. Cariaco trench, an anaerobic basin in the Caribbean sea. Deep Sea Res 3:227-8 Ap '56

Rochford, D. J. Identification and nomenclature of the surface water masses in the Tasman sea (data to the end of 1954) Australian J Marine & Freshwater Res 8:412-13 N '57

Todd, David Keith. Abstract of literature pertaining to sea water intrusion and its control. (Sanitary engineering research projects. Technical bul. no 10) College of engineering, Univ. of Calif. '53 74p

See also

Plants, Effect of sea water on

SEA water—Continued

Bacteriology

Greenberg, A. E. Survival of enteric organisms in sea water. *Pub Health Rep* 71: 84-6 Ja '56

Jannasch, H. W. and Jones, G. E. Bacterial populations in sea water as determined by different methods of enumeration. *Limnol & Oceanogr* 4:138-9 Ap '59

Orlob, G. T. Viability of sewage bacteria in sea water. *Sewage & Ind Wastes* 28: 1166-7 S '56

See also
Bacteria, Marine

Desalting

United States, Bureau of reclamation. Demineralization of saline waters; a prelim. discussion of a research program with an outline and description of potential processes. The bureau '52 p23-53

Temperature

See Ocean temperature

SEAFARING life

Casson, Lionel. Ancient mariners; seafarers and sea fighters of the Mediterranean in ancient times. Macmillan '59 p251-62 annot

SEAL finger (disease)

Candolin, Yngve. Seal finger (spekkfinger) and its occurrence in the gulfs of the Baltic sea. (Sup 177) *Acta chirurgica scandinavica* '53 p49-51

SEALS (animals)

Taylor, Frederick Henry Carlyle, and others. Distribution and food habits of the fur seals of the North Pacific ocean; rep. of cooperative investigations by the govts. of Canada, Japan, and the U.S.A. Feb.-July 1952. Fish & wildlife service, U.S. Dept. of the interior '55 p69-71

SEALS (numismatics)

British museum. Department of British and medieval antiquities. Catalogue of British seal-dies in the British museum, by A. B. Tonnochy. The museum '52 p xi-xii

Gandilhon, René. *Sigillographie des universités de France*. Delmas '52 p 13-19

SEAMANSHIP. See Navigation

SEAMEN

See also

Merchant seamen
Seafaring life

SEARLE, George Frederick Charles, 1864-1954

Thomson, G. George Frederick Charles Searle, 1864-1954. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1955. The society '55 p251-2)

SEASHORE, Carl Emil, 1866-1949

Miles, W. R. Carl Emil Seashore, 1866-1949. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p305-16)

SEASHORE vegetation

Boughvey, A. S. Ecological studies of tropical coast-lines. *J Ecol* 45:687 N '57

Brown, Clair Alan. Vegetation of the Outer Banks of North Carolina. (La. State univ. Studies. Coastal studies ser, no4) La. state univ. press '59 p 116-19

SEAWEEDS. See Algae

SECKAU, Austria (Augustinian abbey)

Roth, Benno. Quellen und bibliographie zur geschichte des ehemaligen Augustinerchorherren- und domstiftes Seckau. (Seckauer geschichtliche studien, no 13) Buch- & kunsthandlung der Abtei Seckau '57 41p

SECOND Advent

Hodges, Jesse Wilson. Christ's kingdom and coming; with an analysis of dispensationalism. Eerdmans '57 p237-40

Hughes, Archibald. New heaven and a new earth: an introd. study of the coming of the Lord Jesus Christ and the eternal inheritance; foreword by C. H. Nash. Presbyterian & reformed pub. '58 p221-2

SECOND International. See International, Second

SECONDARY schools. See Education, Secondary; High schools

SECRET service

See also

Intelligence service
World war, 1939-1945—Secret service

Russia

Wolin, Simon, and Slusser, Robert M. eds. Soviet secret police. (Research program on the U.S.S.R. Studies, no 17: Praeger pubs. in Russian history and world communism, no30) Praeger '57 p355-68 annot

SECRET societies

Hales, Edward Elton Young. Mazzini and the secret societies; the making of a myth. Kenedy '56 p215-17 annot

See also
Freemasons
Leopard men

SECRETARIAL work

Temkin, E. A. Secretary's basic bookshelf. *Bsns Lit* 28:115-16 F '56 annot

SECRETARIES

Angel, Juvenal Londoño. Careers for specialized secretaries; major areas of specialization, opportunities, training, advantages and disadvantages, where employment is found. 4th ed rev & enl (Career monographs, no3) World trade '58 p26

SECRETION

See also

Body fluids
Excretion
Hormones

SECTS

Mead, Frank Spencer. Handbook of denominations in the United States. rev & enl ed Abingdon '56 p229-37

Rhodes, Arnold Black, and others, eds. Church faces the isms by the members of the faculty of the Louisville Presbyterian theological seminary. Louisville, Kentucky. Abingdon '58 incl bibliog

Van Baalen, Jan Karel. Chaos of cults; a study in present-day isms. 2d rev & enl ed Eerdmans '56 p397-409 annot

Westin, Per Gunner. Free church through the ages; tr. from the Swedish by Virgil A. Olson. Broadman '58 p365-74

See also

Buddhist sects
Jewish sects

SECULAR institutes

Haley, Joseph Edmund, ed. Apostolic sanctity in the world; a symposium on total dedication in the world and secular institutes. Univ. of Notre Dame press '57 p 197-210

SECURITIES

Pilcher, C. James. Raising capital with convertible securities (Mich. business studies, v 12, no2) Bur. of business research, School of business adm, Univ. of Mich. '55 p 144-8

See also

Insurance companies—Securities
Margins (security trading)
Stocks

SECURITY, Internal. See Internal security

SECURITY, International

Deutsche gesellschaft für auswärtige politik. Forschungsinstitut, Frankfurt am Main. Deutsches und ausländisches schrifttum zu den regionalen sicherheitsvereinbarungen, 1945-1956. (Aktuelle bibliog. des Europa-archivs, no 14) The institute '57 64p

SECURITY, Sense of

Knutson, A. L. Concept of personality security. *J Social Psychol* 40:234-6 N '54

SEDATIVES

See also

Tranquilizing drugs

SEDIMENTATION and deposition

American geophysical union. Annotated bibliography on hydrology (1951-54) and sedimentation (1950-54) United States and Canada. (U.S. Inter-agency com. on water resources. Notes on hydrologic activities, bul. no7; Sedimentation bul. no7) U.S. Gov. ptg. office '56 207p

Andrews, G. W. Windrow formation of upper Mississippi Valley region: a sedimentary and stratigraphic study. *J Geol* 66:621-2 N '58

Bader, R. G. The lignin fraction of marine sediments. *Deep Sea Res* 4:20-2 D '56

Behn, V. C. Settling behavior or waste suspensions. *Am Soc Civil Eng Proc* 83 [SA 5 no 1423]:18-20 O '57

SEDIMENTATION and deposition—Continued

- Bell, W. A. Stratigraphy and sedimentation of middle Ordovician and older sediments in the Wrigley-Fort Norman area, Mackenzie district, N.W.T. Can Min & Met Bul 52:18 Ja '59
- Broecker, W. S. and others. Relation of deep sea sedimentation rates to variations in climate. Am J Sci 256:516-17 Summer '58
- Carlson, E. J. and others. Research needs in sediment hydraulics. Am Soc Civil Eng Proc 82[HY 2 no953]:19-22 Ap '56
- Chien, N. Present status of research on sediment transport. Am Soc Civil Eng Proc 80 no565:21-7 '54
- Degens, E. T. and others. Environmental studies of carboniferous sediments. Am Assn Pet Geol Bul 41:2454-5; 42:997 N '57, My '58
- Eardley, A. J. and others. Hydrology of Lake Bonneville and sediments and soils of its basin. Geol Soc Am Bul 68:1200-1 S '57
- Emery, K. O. Sediments and water of Persian gulf. Am Assn Pet Geol Bul 40:2381-3 O '56
- Follinsbee, R. E. Archean monazite in beach concentrates, Yellowknife geologic province, Northwest Territories, Canada. Roy Soc Can Trans 49 sec4:23-4 Je '55
- Ginsburg, R. N. Environmental relationships of grain size and constituent particles in some south Florida carbonate sediments. Am Assn Pet Geol Bul 40:2426-7 O '56
- Grim, R. E. Concept of diagenesis in argillaceous sediments. Am Assn Pet Geol Bul 42:253 F '58
- Hansen, K. Sediments from Danish lakes. J Sed Petrol 29:45-6 Mr '59
- Hattin, Donald E. Depositional environment of Wreford megacyclothem (lower Permian) of Kansas. (Kan. Geological survey. Bul. 124) Univ. of Kan. '57 p 115-17
- Johnson, J. W. Dynamics of nearshore sediment movement. Am Assn Pet Geol Bul 40:2030-2 S '56
- Kleerekoper, Herman. Une étude limnologique de la chimie des sédiments de fond des lacs de l'Ontario méridional, Canada. Uitgeverij Excelsior '57 p 175-205
- Kuenen, P. H. Sole markings of graded graywacke beds. J Geol 65:257-8 My '57
- Kuenen, P. H. and Sanders, J. E. Sedimentation phenomena in Kulm and Flözleeres graywackes, Sauerland and Oberharz, Germany. Am J Sci 254:670-1 N '56
- Lamont, A. Slow anti-dunes and flow marks. Geol Mag 94:478-80 N '57
- Laursen, E. M. Application of sediment-transport mechanics to stable-channel design. Am Soc Civil Eng Proc 82[HY 4 no 1034]:7-8 Ag '56
- Lombard, Augustin. Géologie sédimentaire; les séries marines. Masson '56 p671-705
- McKee, E. D. Primary structures in some recent sediments. Am Assn Pet Geol Bul 41:1747 Ag '57
- Murray, R. C. Recent sediments of three Wisconsin lakes. Geol Soc Am Bul 67:909-10 Jl '56
- Nafe, J. E. and Drake, C. L. Variation with depth in shallow and deep water marine sediments of porosity, density and the velocities of compressional and shear waves. Geophysics 22:551-2 Jl '57
- Parker, R. H. Macro-invertebrate assemblages as indicators of sedimentary environments in east Mississippi Delta region. Am Assn Pet Geol Bul 40:374-6 F '56
- Passega, R. Texture as characteristic of clastic deposition. Am Assn Pet Geol Bul 41:1983-4 S '57
- Potter, P. E. and Siever, R. Sources of basal Pennsylvanian sediments in the Eastern interior basin. J Geol 64:243-4, 334, 454-5 My-S '56
- Rittenberg, S. C. and others. Regeneration of nutrients in sediments of marine basins. Deep Sea Res 3:44-5 O '55
- Scruton, P. C. Oceanography of Mississippi Delta sedimentary environments. Am Assn Pet Geol Bul 40:2950-2 D '56
- Shepard, F. P. and Moore, D. G. Central Texas coast sedimentation: characteristics of sedimentary environment, recent history, and diagenesis. Am Assn Pet Geol Bul 39:1591-3 Ag '55
- Siever, R. Silica budget in the sedimentary cycle. Am Min 42:839-41 N '57
- Society of economic paleontologists and mineralogists. Regional aspects of carbonate deposition; a symposium; ed. by Rufus J. LeBlanc and Julia G. Breeding. (Special pub. no5) The society '57 incl bibliog
- Stewart, H. B. Sedimentary reflections of depositional environment in San Miguel lagoon, Baja California, Mexico. Am Assn Pet Geol Bul 42:2616-18 N '58
- Stride, A. H. On the origin of the Dogger bank in the North Sea. Geol Mag 96:43-4 Ja '59
- Sutton, G. H. and others. Physical analysis of deep sea sediments. Geophysics 22:812 O '57
- Swain, F. M. Stratigraphy of lake deposits in central and northern Minnesota. Am Assn Pet Geol Bul 40:652-3 Ap '56
- Trask, Parker Davies, ed. Recent marine sediments, a symposium; reprinted by permission of the Am. assn. of petroleum geologists, with the addition of a review of advances in the field of study of recent marine sediments since 1939. (Special pub. no4) Soc. of economic paleontologists & mineralogists '55 incl bibliog
- Van Andel, T. H. Reflections on the interpretation of heavy mineral analyses. J Sed Petrol 29:162-3 Je '59
- Volchok, H. L. and Kulp, J. L. Ionium method of age determination. Geochimica & Cosmochimica Acta 11 no4:245-6 '57
- Weller, J. M. Compaction of sediments. Am Assn Pet Geol Bul 43:306-10 F '59
- Wheeler, H. E. and Murray, H. H. Base-level control patterns in cyclothem sedimentation. Am Assn Pet Geol Bul 41:2010-11 S '57
- See also
Deep sea deposits
Rocks, Sedimentary
Stratification
- SEEDS**
- Baldwin, Henry Ives. Handling forest tree seed. (FAO forestry development paper no4) Food & agriculture organization of the United nations '55 p 103-10
- Lasheen, A. M. and Blackhurst, H. T. Biochemical change associated with dormancy and after-ripening of blackberry seed. Am Soc Hort Sci Proc 67:339-40 '56
- McClure, D. S. Seed characters of selected plant families. Iowa State Col J Sci 31: 679-81 My '57
- Müller, Paul. Verbreitungsbiologie der blütenpflanzen. (Geobotanisches inst. Rübel in Zürich. Veröffentlichungen, no30) Huber '55 p 135-40
- Schubert, J. Zur prüfung hartschaligen saatkutes von robinia pseudoacacia L. Arch Forstwesen 4 no2/3:264-5 '55
- See also
Botany—Embryology
Endosperm
- Disinfection**
- Koehler, B. Some conditions influencing the results from corn seed treatment tests. Phytopathology 44:582-3 O '54
- Germination**
- See Germination
- Infection**
- See Seeds as carriers of plant diseases
- Injuries**
- Kommedahl, Thor, and others. Prevalence and importance of damaged seed in flax. (Technical bul. 215) Agricultural experiment station, Univ. of Minn. '55 p39-40
- SEEDS, Fossil**
- See also
Pteridosperms
- SEEDS as carriers of plant diseases**
- Noble, Mary, and others. Annotated list of seed-borne diseases. Commonwealth mycological inst; Int. seed testing assn. '58 159p
- SEGANTINI, Giovanni, 1858-1899**
- Nicodemi, Giorgio. Giovanni Segantini. L'Arte '56 p231-4
- SEGERSTEDT, Torngy T. 1908-**
- Bibliography on Torngy T. Segerstedt. Acta Sociol 3 no2/3:147-51 '58

SEGREGATION in education

- American association of university women. Integration and the public schools; a sel. and annot. bibliog. for education and social studies chairmen; comp. by Christine M. Heinig. The association '55 4p annot
- American Jewish congress. Children, together; a manual for study groups on integration in public education [by Naomi Levine and Don J. Hagar] The congress '5-? p 61-2
- Baltimore urban league. Bibliography for educational integration. The league '54 8p
- Bradley, Gladys Helene. Selected bibliography on desegregation and integration in the public schools of the United States. Morgan state college '55 11p
- Florida. University. College of education. Education library. Segregation and desegregation in American education. 2d ed (Bibliog. no 18) The library '56 14p
- Greenberg, H. and others. Attitudes of white and Negro high school students in a west Texas town toward school integration. J Ap Psychol 41:30-1 F '67
- Group for the advancement of psychiatry. Psychiatric aspects of school desegregation. (Rep. no37) The group '57 p81-91 annot
- Smith, B. F. Public school integration: an annotated bibliography. Negro Educ R 6: 28-38 Ja '55
- Smith, B. F. Racial integration in public education: an annotated bibliography. Negro Educ R 10:32-44 Ja '59
- Southern education reporting service. With all deliberate speed; segregation-desegregation in southern schools; ed. by Don Shoemaker Harper '57 p218-24
- Tuskegee institute. Department of records and research. Selected list of references relating to desegregation and integration in education, 1949 to June, 1955. (Records and research pamphlet no4) The institute '55 21p
- Tuskegee institute. Department of records and research. Selected list of references relating to discrimination and segregation in education, 1949 to June, 1955. (Records and research pamphlet no6) The institute '55 9p

See also

Discrimination in education

SEGREGATION in housing. See Discrimination in housing

SEGUIN, Marc. 1786-1875

Marchal, Pierre Edouard, and Seguin, Laurent. Marc Seguin, 1786-1875; la naissance du premier chemin de fer français; préf. de M. le duc de Broglie. Cuzin '57 p 189-90

SEIDEL, Ina (Seidel) 1885-

Horst, Karl August. Ina Seidel, wesen und werk. Deutsche verlags-anstalt '56 p 169-94

SEISMOLOGY. See Earthquakes

SEISMOMETRY

Ewing, J. and Ewing, M. Seismic refraction measurements in the Atlantic Ocean basins, in the Mediterranean sea, on the Mid-Atlantic ridge, and in the Norwegian sea. Geol Soc Am Bul 70:315-17 Mr '59

Hersey, J. B. and others. Geophysical investigation of the continental margin between Cape Henry, Virginia, and Jacksonville, Florida. Geol Soc Am Bul 70:462-3 Ap '59

Koehler, Horst. Grundzüge der erschütterungsmessung, im besonderen hinblick auf die belange der angewandten seismik. (Geophysikalische monographien, v 1) Akademische verlagsgesellschaft '56 p216-24

SELECTION, Natural. See Natural selection

SELECTION of students. See Students, Selection of

SELENIUM

Coleman, R. G. and Delevaux, M. Occurrence of selenium in sulfides from some sedimentary rocks of the western United States. Econ Geol 52:526-7 Ag '57

Leonard, R. O. and Burns, R. H. Preliminary study of selenized wool. J Animal Sci 14: 456-7 My '55

Luttrell, Gwendolyn Lewise (Werth). Annotated bibliography on the geology of selenium. (U.S. Geological survey. Bul. 1019-M) U.S. Gov. ptg. office '59 867-972p

Sargent, J. D. Selenium data. (Information circ. 7715) U.S. Bur. of mines '55 p 18-29

Shrift, A. Biological activities of selenium compounds. Bot R 24:577-83 O '58

See also

Fungi, Effect of selenium on

SELF

Cowen, E. L. and others. Self-concept conflict indicators and learning. J Abnorm & Social Psychol 51:245 S '55

Hanlon, Thomas Everett. Relationship between self-ideal congruence and three measures of adjustment in a nurses training situation. (Catholic univ. of Am. Educational research monographs, v23, no3) Catholic univ. of Am. press '58 p24-5

Jersild, Arthur Thomas. When teachers face themselves. (Horace Mann-Lincoln inst. of school experimentation. Pub.) Teachers college '55 p 139-41

Rosenman, S. Multiplicity of the normal ego structure. J Psychol 38:418-19 O '54

Rosenman, S. Skid Row alcoholic and the negative ego image. Q J Stud Alcohol 16: 472-3 S '55

Singer, J. L. Delayed gratification and ego development: implications for clinical and experimental research. J Consult Psychol 19:265-6 Ag '55

Singer, J. L. and others. Delaying capacity, fantasy, and planning ability: a factorial study of some basic ego functions. J Consult Psychol 20:382-3 O '56

See also

Individuality

SELF appraisal

Mary Amatora, Sister. Validity in self evaluation. Educ & Psychol Meas 16:125-6 Spring '56

SELF culture

United States. Civil service commission. Library. Selected readings and personal improvement; a list of bks, pamphlets and articles to help you improve yourself. The library '55 17p

SELF determination, National

Decker, Günter. Das selbstbestimmungsrecht der nationen. Schwartz '55 p397-424

SELF identification (psychology) See Identification (psychology)

SELF improvement. See Self culture

SELF rating. See Self appraisal

SEMANTICS

Hamilton, R. V. Psycholinguistic analysis of some interpretive processes of three basic personality types. J Social Psychol 46:176-7 N '57

Ullmann, Stephen. Principles of semantics 2d ed (Glasgow univ. pubs, 84) Philosophical lib. '57 p322-42

See also

German language—Words—History
Greek language—Semantics

SEMANTICS (philosophy)

Carnap, Rudolf. Meaning and necessity; a study in semantics and modal logic. 2d enl ed Univ. of Chicago press '56 p251-3

Gorman, Mother Margaret. Educational implications of the theory of meaning and symbolism of general semantics. (Catholic univ. of Am. Educational research monographs, v21, no 1) Catholic univ. of Am. press '58 p 176-95

Osgood, Charles Egerton, and others. Measurement of meaning. Univ. of Ill. press '57 p336-42

Pap, Arthur. Semantics and necessary truth; an inquiry into the foundations of analytic philosophy. Yale univ. press '58 p440-7

Sondel, Bess Selzer. Humanity of words; a primer of semantics. World pub. '58 p231-7

Stegmüller, Wolfgang. Das wahrheitsproblem und die idee der semantik; eine einföhrung in die theorien von A. Tarski und R. Carnap. Springer '57 p321-5

SEMEN

Albright, J. L. and others. Motility of bovine spermatozoa stored at 5°C when extended in mixtures of yolk-citrate, yolk-glycine, whole milk, skim milk, and glycerol. J Dairy Sci 41:528-9 Ap '58

Bialy, G. and Self, H. L. Storage potential and citric acid content of fractionated ejaculates of the boar. J Animal Sci 18: 381-2 F '59

Boucher, J. H. and others. Evaluation of semen quality in the dog and the effects of frequency of ejaculation upon semen quality, libido, and depletion of sperm reserves. Cornell Vet 48:85-6 Ja '58

SEMEN—Continued

- Buckner, P. J. and others. Laboratory tests, singly and in combination, for evaluating fertility of semen and of bulls. *J Dairy Sci* 37:1059-60 S '54
- Carson, J. D. and others. Semen production in the turkey male. *Poultry Sci* 34:342-3, 347, 355 Mr '55
- Flerchinger, F. H. and others. Metabolism of bull semen. *J Dairy Sci* 38:1035-6; 39:337-8, 1013-14 S '55, Mr, Jl '56
- Kosin, I. L. Metabolism of turkey semen as affected by the environment of donor birds. *Poultry Sci* 37:386-8 Mr '58
- Lindley, C. E. and others. Certain semen characteristics and their relation to the reproductive performance of a purebred Hereford herd. *J Animal Sci* 18:62-3 F '59
- Mixner, J. P. and others. Bovine semen metabolism. *J Dairy Sci* 40:148, 1315-16; 42:73, 78, 82, 87-8, 92-3, 640-1 F, O '57, Ja, Ap '59
- Willett, E. L. and Ohms, J. I. Field trials with semen containing several combinations of antibacterial agents. *J Dairy Sci* 38:1367-8 D '55

See also

Spermatozoa

SEMEN, Frozen

- O'Dell, W. T. and Almqvist, J. O. Freezing bovine semen. *J Dairy Sci* 40:1540-1, 1549; 41:88-9, 1798-9; 42:1215 D '57-Ja, D '58, Jl '59

SEMICONDUCTOR devices. See Transistors**SEMICONDUCTORS. See Electric conductors—Semiconductors****SEMINOLE Indians**

- McReynolds, Edwin C. Seminoles. (Civilization of the Am. Indian ser, v47) Univ. of Okla. press '57 p366-75

SEMIOLGY

- MacBryde, Cyril Mitchell. Signs and symptoms; applied pathologic physiology and clinical interpretation. 3d ed Lippincott '57 incl bibliog

SEMITIC inscriptions. See Inscriptions, Semitic**SEMITIC languages**

See also

Arabic languages
Hebrew language

Grammar

- Rundgren, Frithiof. Über bildungen mit ß- und n-t-demonstrativen im semitischen; beiträge zur vergleichenden grammatik der semitischen sprachen. Almqvist '55 p336-52

SEMITIC philology

- Bibliographie sémitique, 5[-6] 1953-1956[-1957-1958] Orientalia 26:50-115; 28:59-90 (at end) '57, '59

SENECA, Lucius Annaeus, 4 B.C.?-65 A.D.

- Grimal, Pierre. Sénèque, sa vie, son œuvre, avec un exposé de sa philosophie. 2d ed Presses univ. de France '57 p 153-5

SENOA, August, 1838-1881

- Senoa, August. Djela. (Djela hrvatskih pisaca) Zora '51 p31-69

SENSE organs

See also

Chemoreceptivity
Ear
Taste buds

Insects

- Dethier, V. G. Physiology and histology of the contact chemoreceptors of the blowfly. *Q R Biol* 30:370-1 D '55

Worms

- Rullier, Louis Jean François Marie. L'organe nœud chez les annélides polychètes sédentaires [étude morphologique, histologique et physiologique] (Inst. océanographique. Annales, new ser, v25, no3) Masson '51 p333-41

SENSES and sensation

- Clausen, Johannes. Visual sensations (phosphores) produced by AC sine wave stimulation. (Acta psychiatrica et neurologica scandinavica. Sup94) Munksgaard '55 p96-101

- Granit, Ragnar. Receptors and sensory reception; a discussion of aims, means, and results of electro-physiological research into the process of reception. (Yale univ. Mrs. Hepsa Ely Silliman memorial lectures, v34, 1953) Yale univ. press '55 p303-48

- London, I. D. Research on sensory interaction in the Soviet Union. *Psychol Bul* 51:549-68 N '54

- Masón, R. E. Three studies relating internal sensory experiences and feeling reactions. *J Gen Psychol* 60:227-8 Ap '59

- Waters, T. J. Recent research on somesthetic effects of brain injury. *Train Sch Bul* 53:223-4 D '56

- Wertheimer, M. Variability of auditory and visual absolute thresholds in time. *J Gen Psychol* 52:145-7 Ja '55

See also

After images
Chemoreceptivity
Color sense
Hearing
Kinesthesia
Orientation
Pain
Perception, Extra-sensory
Reaction time
Sight
Smell
Stimulus and response
Taste
Temperature sense
Time perception

SENTENCE completion test. See Completion tests**SENTENCES, Prison. See Prison sentences****SEPOY Rebellion. See India—History—Sepoy rebellion, 1857-1858****SEPTICEMIA, Hemorrhagic. See Hemorrhagic septicemia****SEPULCHRAL monuments**

- Barba, Preston Albert. Pennsylvania German tombstones; a study in folk art. (V 18) Pa. German folklore soc. '54 p29-30

- Shukri, Muhammad Anwar. Die privatgrabstatue im alten reich. (Egypt. Service des antiquités. Annales. Sup, no 15) Inst. français d'archéologie orientale '51 p xiii-xx

See also

Pyramids
Tombs

SEPÚLVEDA, Juan Ginés de, 1490-1573

- Sepúlveda, Juan Ginés de. Democates segundo; o, De las justas causas de la guerra contra los indios; ed. crítica bilingüe, tr. castellana, introd, notas e índices por Angel Losada. Inst. Francisco de Vitorio, Consejo superior de investigaciones científicas '51 p 157-8

SEQUESTERING agents

- Smith, Robert L. Sequestration of metals; theoretical considerations and practical applications. Macmillan '59 incl bibliog

SEQUOIA sempervirens. See Redwood**SEPARATION of powers**

See also

Judicial review

SERBIAN language. See Serbo-Croatian language**SERBO-CROATIAN language**

- Reiter, N. Literaturbericht über die serbo-kroatische sprachwissenschaft von 1925-1954. *Z Slaw Philol* 25 no2:405-24; 26 no 1:174-209 '56-'57

SERBO-CROATIANS. See Croats**SERIAL publication of books**

- New York (city). Public library. Arents collection of books in parts and associated literature; a complete checklist, with an introd. survey by Sarah Augusta Dickson. The library '57 88p annot
- Wiles, Roy McKee. Serial publication in England before 1750. Cambridge '57 p267-356

SERIES

- Bosanquet, L. S. On convergence and summability factors in a sequence. *Mathematika* 1:43-4 Je '54

- Flett, T. M. On an extension of absolute summability and some theorems of Littlewood and Paley. *Lond Math Soc Proc* 7:140-1 Ja '57

- Sachs, H. Untersuchungen über das problem der eigentlichen teiler. *Halle Univ Wiss Z Math Naturw Reihe* 6:257-9 Mr '57

- Wyman, M. and Moser, L. On the problème des ménages. *Can J Math* 10 no3:480 '58

- Zeller, Karl. Theorie der limitierungsverfahren. *Ergeb Math ns* no 15:167-230 '58

SERIES, Book. See Bibliography—Books issued in series**SERIES, Fourier's. See Fourier's series**

SERIES, Infinite

Titchmarsh, Edward Charles. Eigenfunction expansions associated with second-order differential equations. Oxford '46-'58 2v v 1, p 172-5; v2, p385-404

SERIGRAPHY. See Silk screen printing**SERMONS**

Glaser, E. Portuguese sermons at autosdafe: introduction and bibliography. Stud Bibliog & Booklore 2:60-78+ D '55

See also

Funeral sermons

SEROLOGICAL reactions**Bacteria**

Eisler, D. M. and others. Dissociation in *Pasteurella pestis*: immunological comparisons of smooth and nonsmooth variants. J Bact 76:595-6 D '58

Floyd, T. M. *Shigella boydii* serotypes in Egypt. J Bact 71:529 My '56

Lamanna, C. Adhesion of foreign particles to particulate antigens in the presence of antibody and complement (serological adhesion). Bact R 21:41-5 Mr '57

Moody, M. S. and others. Staining bacterial smears with fluorescent antibody. J Bact 72:361; 367; 74:523-4; 75:560 S '56, O '57, My '58

Neter, E. Bacterial hemagglutination and hemolysis. Bact R 20:182-8 S '56

SERPENTINE

Francis, G. H. Serpentine mass in Glen Urquhart, Inverness-shire, Scotland. Am J Sci 254:224-6 Ap '56

Nagy, B. and Faust, G. T. Serpentine: natural mixtures of chryotite and antigorite. Am Min 41:836-8 N '57

Zussman, J. and others. Electron diffraction studies of serpentine minerals. Am Min 42:153 Mr '57

SERPENTS. See Snakes**SERUM**

Hosoda, T. and others. Serological studies on egg production in the fowl. Poultry Sci 34:14-15 Ja '55

Laurell, Axel Helge Fredrik. Studies on preparative vertical zone electrophoresis, with special reference to the isolation of some protein fractions from individual human sera at pH 4-6. Almqvist '53 p74-84

See also

Blood—Plasma

Tuberculin

SERUM cholesterol. See Blood—Cholesterol content**SERUM diagnosis**

Matthews, Richard Ellis Ford. Plant virus serology. Cambridge '57 p 117-22

Rasch, Ludwig Hubert. Lehrbuch der blutgruppenkunde; allgemeine und spezielle serologie der blutkörperchenmerkmale und ihrer anwendungsgebiete. De Gruyter '54 p379-413

SERUM therapy

See also

Allergy

Bacteriolysis

Serum diagnosis

SERVETUS, Michael, 1511-1553

Fulton, John Farquhar. Michael Servetus, humanist and martyr; with a bibliog. of his works and census of known copies, by Madeline E. Stanton. (Yale univ. School of medicine. Dept. of the history of medicine. Pub. no22) Reichner '53 p93-5

SERVICEMEN, Discharged. See Veterans**SERVITES**

Besutti, Giuseppe Maria. Appunti preliminari per una bibliografia servitana. Studi storici O.S.M. '53 37p

SERVITUDES (international law)

Väll, Ferenc Albert. Servitudes of international law; a study of rights in foreign territory. 2d ed Praeger '58 p335-7

SERVOMECHANISMS

Chestnut, Harold, and Mayer, Robert Wallace. Servomechanisms and regulating system design. (General electric ser) Wiley '51-'55 2v v 1, p441-6; v2, p369-75

—Same. 2d ed (General electric ser) Wiley '59 p605-11

Duffy, J. J. and Spatz, S. Static switching today. Elec Manuf 63:168-9 My '59

Jury, Eliahu Ibrahim. Sampled-data control system. Wiley '53 p415-20

Kendall, Perry E. Linear compensation of saturating servomechanisms. (Engineering experiment station. Research ser, no 125; Engineering bul. v39, no4) Purdue univ. '55 p 104-5

McRuer, D. T. and Krendel, E. S. Human operator as a servo system element. Franklin Inst J 267:402-3 My '59

Müller, R. H. Instrumentation. Anal Chem 28:659-60 Ap '56

Oldenburger, Rufus, ed. Frequency response. Macmillan '56 incl bibliog

Stout, T. M. Basic analysis methods for non-linear control systems. Instr & Autom 30:267 F '57

West, J. C. and Nikiforuk, P. N. Response of remote-position-control systems with hard-spring non-linear characteristics to step-function and random inputs. Inst Elec Eng Proc 102:591-2 S '55

SET (psychology)

See also

Rigidity (psychology)

SETON, Ernest Thompson, 1860-1946

Garst, Doris Shannon, and Garst, Warren Edward. Ernest Thompson Seton, naturalist. Messner '59 p 183-6

SETTLEMENTS, Social. See Social settlements**SEVENTEENTH century**

Chute, Marchette Gaylor. Two gentle men; the lives of George Herbert and Robert Herrick. Dutton '59 p283-97

Dottori, Carlo, conte de'. Il Parnaso; ed. with introd. and notes, by Carlo L. Golino. (Calif. Univ. Pubs. in modern philology, v48) Univ. of Calif. press '57 p 167-72

Friedrich, Carl Joachim, and Blitzler, Charles. Age of power. (Development of western civilization; narrative essays in the history of our tradition from its origins in ancient Israel and Greece to the present) Cornell univ. press '57 p 193-6 annot

Strider, Robert Edward Lee, Robert Greville; Lord Brooke. Harvard univ. press '58 p239-47

SEVERIJN, Johannes, 1883-

Waarheid, wijsheid en leven; een bundel studiën opgedragen aan Prof. Dr. J. Severijn ter gelegenheid van zijn zilveren ambtsjubileum op 19 October 1956 [bibliog. by J. Jongerden] Kok '56 p251-3

SEWAGE

Literaturberichte über wasser, abwasser, luft und boden. Fischer. See numbers

Reviews and abstracts. See numbers of Sewage and industrial wastes

Bacteriology

Greenberg, A. E. and Kupka, E. Tuberculosis transmission by waste waters. Sewage & Ind Wastes 29:535-7 My '57

Orlob, G. T. Viability of sewage bacteria in sea water. Sewage & Ind Wastes 28:1166-7 S '56

Purification

Ingram, William Marcus. Handbook of selected biological references on water pollution control, sewage treatment, water treatment. rev ed (U.S. Public health service. Pub. no214; Public health bibliog. no8) Water supply & water pollution control program '57 95p

Manhattan college. New York. Biological treatment of sewage and industrial wastes; ed. by Joseph McCabe and W. W. Eckensfelder. Reinhold '56-'58 2v incl bibliog

Roeidger, Hanns. Die anaerobe alkalische schlammaufklärung. (Schriftenreihe GWF: wasser, abwasser no 1) Oldenbourg '56 p 174-87

Testing

Elmore, H. L. Determination of B.O.D. by a reaeration technique. Sewage & Ind Wastes 27:1001-2 S '55

SEWAGE disposal

Advances in secondary processes of sewage treatment in the period October 1, 1954 to June 1, 1957. Am Soc Civil Eng Proc 84 [SA 2 no 1612]:12-16 Ap '58

Advances in sewage treatment in the period from September 1, 1952 to October 1, 1954; progress rep. of the Com. of the sanitary engineering div. on sewerage and sewage treatment. Am Soc Civil Eng Proc 81 [no594]:42-56 Ja '55

Akker, J. van den, and Hopmans, J. J. Rio-leringen. Sijthoff '52-'55 2v v 1, p619-38; v2 p449-54

SEWAGE disposal—Continued

- Bloodgood, D. E. Trickling filters. *Water & Sewage Works* 103:221 My '56
- Chase, E. S. Flotation treatment of sewage and industrial wastes. *Sewage & Ind Wastes* 30:790-1 Je '58
- Eliassen, R. and others. Sewage and industrial wastes in 1955 1-19571 *Water & Sewage Works* 103:58; 104:61; 105:59-60 F '56, F '57, F '58
- Faber, H. A. Research progress in water and sewage. *Water & Sewage Works* 106:21-2 Ja '59
- Fair, Gordon Maskew, and Geyer, John Charles. Elements of water supply and waste-water disposal. Wiley '58 p593-7
- Gloyna, E. F. Detergents. *Pub Works* 86:136-7 Ja '55
- Greenberg, A. E. and Dean, B. H. Beef tapeworm, measly beef, and sewage—a review. *Sewage & Ind Wastes* 30:267-9 Mr '58
- Grune, W. N. Sewage chlorination in review. *Water & Sewage Works* 102:357 Ag '55
- Haseltine, T. R. Rational approach to the design of activated sludge plants. *Water & Sewage Works* 102:495 N '55
- Imhoff, Karl, and Fair, Gordon Maskew. Sewage treatment. 2d ed Wiley '56 p310-21
- Klein, Louis. Aspects of river pollution: with chapters by J. R. Erichsen Jones and H. A. Hawkes. Academic press '57 incl bibliog
- Lohmeyer, G. T. Review of sludge digestion. *Sewage & Ind Wastes* 31:234-5 F '59
- McKinney, R. E. Syndets and waste disposal. *Sewage & Ind Wastes* 29:665-6 Je '57
- MacLaren, J. F. Detergent problem in sewage treatment. *Munic Util Mag* 94:32 D '56
- Mueller, L. E. and others. Some characteristics of anaerobic sludge digestion. *Sewage & Ind Wastes* 31:676-7 Je '59
- Porges, N. and others. Activity of microorganisms in organic waste disposal. *Ap Microbiol* 5:166, 174, 179, 187 My '57
- Review of the literature of 1954-1958 on sewage, waste treatment, and water pollution. *Sewage & Ind Wastes* 27:515-71, 633-88; 28:630-6, 707-64; 29:497-523, 613-53, 729-56; 30:601-33, 717-56, 839-73; 31:501-41, 615-61, 763-803 My-Je '55, My-Je '56, My-Jl '57 My-Jl '58, My-Jl '59
- Reviews and abstracts. See numbers of Sewage and industrial wastes
- Sawyer, C. N. Effects of synthetic detergents on sewage treatment processes. *Sewage & Ind Wastes* 30:774-5 Je '58
- Study of sewage collection and disposal in fringe areas. *Am Soc Civil Eng Proc* 84 [SA 2 no 1613]:21-4 Ap '58
- United States. Public health service. Division of sanitary engineering services. Bibliography, effects of detergents on sewage treatment. The division '55? 16p
- See also
Sewage sludge
Trade waste
Water pollution
- SEWAGE lagoons**
- Fitzgerald, G. P. and Rohlich, G. A. Evaluation of stabilization pond literature. *Sewage & Ind Wastes* 30:1222-4 O '58
- Towne, W. W. and others. Raw sewage stabilization ponds in the Dakotas. *Sewage & Ind Wastes* 29:395-6 Ap '57
- SEWAGE sludge**
- Behn, V. C. Settling behavior of waste suspensions. *Am Soc Civil Eng Proc* 83 [SA 5 no 1423]:18-20 O '57
- Lohmeyer, G. T. Review of sludge digestion. *Sewage & Ind Wastes* 31:234-5 F '59
- Mueller, L. E. and others. Some characteristics of anaerobic sludge digestion. *Sewage & Ind Wastes* 31:676-7 Je '59
- SEWAGE sludge as fertilizer**
- Anderson, Myron Sallee. Sewage sludge for soil improvement. (U.S. Dept. of agriculture. Circ. no972) U.S. Gov. ptg. office '55 p25-7
- SEWERAGE**
- Akker, J. van den, and Hopmans, J. J. Rioleringen. *Sijthoff* '52-'55 2v v 1, p619-38; v2, p449-54
- Faber, H. A. One hundred best water and sewage books for engineers, chemists, and plant operators. *Water & Sewage Works* 104:160-1 Ap '57
- Reviews and abstracts. See numbers of Sewage and industrial wastes
- See also
Sewage sludge

SEX

- Bailey, Derrick Sherwin. Theology of sex and marriage; a short guide for readers and students. Church information board, Church of England moral welfare council '53 28p
- Ellis, Albert. Sex without guilt. Lyle Stuart '58 p 197-200
- Newton, Niles. Maternal emotions; a study of women's feeling toward menstruation, pregnancy, childbirth, breast feeding, infant care, and other aspects of their femininity. (Psychosomatic medicine monographs) Hoeber '55 incl bibliog
- Sargent, William Ewart. Sex, its meaning and purpose. (Teach yourself bks) Roy publs. '56 p 149-52 annot
- Society for sex education and guidance. Bibliography of sex guidance and human relationships. The society '52 43p
- Zimmerman, Carle Clark, and Cervantes, Lucius Ferdinand. Marriage and the family; a text for moderns. Regnery '56 p671-89
- SEX (biology)**
- Gunther, W. C. Studies on the male reproductive system of the California pocket gopher (thomomys bottae navus Merriam) *Am Midl Natur* 55:38-40 Ja '56
- Hartmann, M. Sex problems in algae, fungi and protozoa. *Am Natur* 89:344-6 N '55
- Hildemann, W. H. Effects of sex hormones on the secondary sex characters of lebistes reticulatus. *J Exp Zool* 126:11-13 Je '54
- Nutting, W. L. and Cleveland, L. R. Effects of glandular extirpations on cryptocercus and the sexual cycles of its protozoa. *J Exp Zool* 137:36-7 F '58
- Pipkin, S. B. Sex balance in drosophila melanogaster: aneuploidy of short regions of chromosome 3, using the triploid method. *Tex Univ Pub* no5914:86-8 Jl 15 '59
- Rothenbuhler, W. C. Diploid male tissue as new evidence on sex determination in honey bees. *J Heredity* 48:167-8 Jl '57
- Yamamoto, T. Artificial induction of functional sex-reversal in genotypic females of the medaka (oryzias latipes) *J Exp Zool* 137:257-60 Mr '58
- See also
Estruation
Generative organs
Intersexuality
Plants, Sex in
Reproduction
- SEX and religion**
- Goldberg, Ben Zion. Sacred fire; the story of sex in religion; with an introd. by Charles Francis Potter. Univ. bks. '59 p277-81
- SEX behavior**
- Larsson, Knut. Conditioning and sexual behavior in the male albino rat. (Acta psychologica gothoburgensia, 1) Almqvist '56 p256-69
- Rosenblatt, J. S. and Aronson, L. R. Decline of sexual behavior in male cats after castration with special reference to the role of prior sexual experience. *Behaviour* 12 no4: 336-8 '58
- SEX control.** See Sex determination and control
- SEX crimes**
- See also
Incest
- SEX determination and control**
- Forbes, T. R. Prediction of sex: folklore and science. *Am Philos Soc Proc* 103:542-4 Ag '59
- SEX differences**
- Robinette, W. L. and others. Differential mortality by sex and age among mule deer. *J Wildlife Mgt* 21:14-16 Ja '57
- SEX hormones.** See Hormones
- SEX in fungi.** See Fungi, Sex in
- SEX in literature**
- Foster, Jeannette Howard. Sex variant women in literature; a historical and quantitative survey. Vantage '56 p362-95
- SEX instruction**
- Eultena, Louis. Sex and family education in high school. (Educational service studies, no 1) Iowa state teachers college '55 p24-6 annot
- Haley, Joseph Edmund. Accent on purity; guide for sex education. 4th ed Fides '67 p 126-30
- Sex education, marriage, and the family. Lib Counselor 12:1-23 O '57 annot
- Warner, Hugh Compton. Divorce and remarriage; what the church believes and why. Allen '54 p90-1

SEX ratio

Johnsgard, P. A. and Buss, I. O. Waterfowl sex ratios during spring in Washington state and their interpretation. *J Wildlife Mgt* 20:388 O '56

SEXUAL hygiene

See also

Birth control
Sex instruction
Venereal diseases

SEXUAL organs. See Generative organs**SEXUAL perversion**

Lorand, Sandor, and Balint, Michael, eds. Perversions, psychodynamics and therapy. Random house '56 incl bibliog

Mercer, J. D. They walk in shadow; a study of sexual variations with emphasis on the ambisexual and homosexual components and our contemporary sex laws. Comet '59 p566-73

See also

Homosexuality
Transvestism

SHACKLETON, Sir Ernest Henry, 1874-1922

Fisher, Marjery (Turner) and Fisher, James. Shackleton and the Antarctic. Houghton '58 p526-46

SHAFTESBURY, Anthony Ashley Cooper, 3d earl of, 1671-1713

Schlegel, Dorothy B. Shaftesbury and the French deists. (N.C. Univ. Studies in comparative literature, no 15) Univ. of N.C. press '56 p 137-9

Zani, Lucia. L'etica di Lord Shaftesbury. Marzorati '54 p 113-16

SHAHN, Ben, 1898-

Shahn, Ben. Ben Shahn: his graphic art; text by James Thrall Soby. Braziller '57 p 133-9

SHAKERS

Barnett, Homer Garner. Indian shakers; a messianic cult of the Pacific Northwest. Southern Ill. univ. press '57 p367-70

SHAKESPEARE, William, 1564-1616

Ehrl, B. Bibliographie der Shakespeare-publicationen 1938-1958 von Levin L. Schücking. Shakespeare-Jahrb 94:362-3 '58

Greg, Walter Wilson. Shakespeare first folio, its bibliographical and textual history. Oxford '55 p xi-xvi

Heuer, H. Sammelbericht über in- und ausländisches schrifttum. Shakespeare-Jahrb 94:256-302 '58

Jaggard, William. Shakespeare bibliography; a dictionary of every known issue of the writings of the poet and of recorded opinion thereon in the English language; with historical introduction. Ungar '59 729p annot

Keast, William R. Shakespeare folios in the Cornell university library given by William G. Mennen. '08. Cornell univ. lib. associates '54 16p

Kökeritz, Helge. Shakespeare's pronunciation. Yale univ. press '53 p496-504

Lüthi, Max. Shakespeares dramen. De Gruyter '57 p410-48

Parrott, Thomas Marc. William Shakespeare; a handbook. rev ed Scribner '55 p254-8 annot

Shakespearean bibliography. Ont Lib R 43: 151-4 My '59

Shroeder, John W. Great folio of 1623; Shakespeare's plays in the printing house. Shoe string press '56 incl bibliog

Whitaker, Virgil Keeble. Shakespeare's use of learning; an inquiry into the growth of his mind & art. (Huntington lib. pubs) Henry E. Huntington lib. & art gallery '53 p347-60

Adaptations

Branam, George Curtis. Eighteenth-century adaptations of Shakespearean tragedy. (Calif. Univ. Pubs, English studies, 14) Univ. of Calif. press '56 p211-13

Authorship

Churchill, Reginald Charles. Shakespeare and his betters; a history and a criticism of the attempts which have been made to prove that Shakespeare's works were written by others; with collaboration in bibliog. and research by Maurice Hussey; foreword by Ivor Brown. Ind. univ. press '59 p225-46

Evans, Alfred John. Shakespeare's magic circle. Associated booksellers '56 p 157

Characters

Cioli, Antoinette. Shakespeare character commentary: an index to a segment of the Shakespeare resources of the Brooklyn college library. Brooklyn college lib. '58 22p

Criticism and interpretation

Dean, L. F. Macbeth and modern criticism. Engl J 47:67 F '58

Leech, C. Studies in Hamlet, 1901-1955. Shakespeare Survey 9:1-15 '56

Lüthi, Max. Shakespeares dramen. De Gruyter '57 p449-54

Oppel, H. Stand und aufgaben der deutschen Shakespeare-forschung, 1952-1957. Deutsch Vierteljahrs Literaturw & Geistesgesch 32 no 1:113-71 '58

Parrott, Thomas Marc. William Shakespeare; a handbook. rev ed Scribner '55 p254-8

Shakespeare: an annotated bibliography for 1955[1958] Shakespeare Q 7:291-349; 8:247-301; 9:217-86; 10:259-331 Spring '56, Spring '57, Spring '58, Spring '59

Shakespeare-bibliographie für 1947 und 1948 [1957] Shakespeare-Jahrb 89:249-98; 90: 370-436; 91:372-435; 92:464-531; 93:292-365; 94:316-61 '53-'58

Shakespeare survey; an annual survey of Shakespearean study & production. (V9-12) Cambridge '56-'59 4v v9, p 132-58; v 10, p 135-58; v 11, p 136-55; v 12, p 131-52

Dramaturgy

See Shakespeare, William—Staging and acting of plays

Sources

Bullough, Geoffrey, ed. Narrative and dramatic sources of Shakespeare. Columbia univ. press '57-'58 2v v 1, p515-29; v2, p531-9

Staging and acting of plays

Smith, Irwin. Shakespeare's Globe playhouse; a modern reconstruction in text and scale drawings; based upon the reconstruction of the Globe, by John Cranford Adams; with an introd. by James G. McManaway. Scribner '56 p225-8

Wright, Louis Booker. Shakespeare's theatre and the dramatic tradition. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-19 annot

Translations

Heun, H. G. Probleme der Shakespeare-übersetzungen; eine bibliographie. Shakespeare-Jahrb 92:450-63; 95:403-10 '56, '59

Translations, German

Stricker, K. Deutsche Shakespeare-übersetzungen im letzten Jahrhundert <etwa 1860-1950> Shakespeare-Jahrb 92:45-95 '56

Translations, Hebrew

Jewish book annual, 1956-1957. (V 14) Jewish bk. council of Am. '56 p23-31 annot

Translations, Yiddish

Jewish book annual, 1956-1957. (V 14) Jewish bk. council of Am. '56 p32-7 annot

SHAKING palsy. See Paralysis agitans**SHALE**

Degens, E. T. and others. Environmental studies of carboniferous sediments. Am Assn Pet Geol Bul 41:2454-5; 42:997 N '57, My '58

Kehn, Thomas M. Selected annotated bibliography of the geology of uranium-bearing coal and carbonaceous shale in the United States; sel. bibliogs. of uranium geology. (U.S. Geological survey. Bul. 1059-A) U.S. Gov. pte. office '57 28p

McDonal, F. J. and others. Attenuation of shear and compressional waves in Pierre shale. Geophysics 23:437-9 J1 '58

SHAND, Samuel James, 1832-1957

Chaves, F. Memorial of Samuel James Shand. Am Min 43:321-4 Mr '58

Nel, L. T. S. James Shand. Geol Soc S Africa Trans 60:11-13 '57

SHARKS

Bigelow, Henry Bryant, and Schroeder, William Charles. Study of the sharks of the suborder squaloidea. (Bul. v 117, no 1) Museum of comparative zoology, Harvard univ. '57 p 136-50

- SHAW, George Bernard, 1856-1950**
Continuing check-list of Shaviana. See numbers of Shaw review
Gordan, John Dozier. Bernard Shaw, 1856-1950; an exhibition from the Berg coll: mss, autograph letters, first editions. N.Y. Pub. lib. '56 51p annot
—Same: Bernard Shaw; 1856-1950. N Y Pub Lib Bul 61:117-38, 192-207, 250-9 Mr-My '57 annot
Shaw, George Bernard. Shaw on theatre; ed. by E. J. West. Hill & Wang '58 p295-8
Shepherd, A. G. G B S, 1856-1950; a centenary booklist. Borough of Hornsey public lib. '56 5p
Simon, Louis. Shaw on education. Columbia univ. press. '58 p275-81
Spencer, T. J. Annotated check-list of criticism of the post-Saint Joan plays. Shaw R 2:45-8 S '59
- SHAYS' rebellion, 1786-1787**
Starkey, Marion Lena. Little rebellion. Knopf '55 p255-8 annot
- SHEAR, Cornelius Lott, 1865-1956**
Stevenson, J. A. Cornelius Lott Shear. Mycologia 49:291-7 Mr '57
- SHEARD, Charles, 1883-**
Charles Sheard, Edgar D. Tillyer medalist for 1957. Opt Soc Am J 48:206-14 Ap '58
Sheard, Charles. Sheard volume; sel. writing in visual and ophthalmic optics, incl. the monographs on dynamic ocular tests, dynamic skiometry and methods of testing the relationships between accommodation and convergence, and ophthalmic optics. Chilton '57 p437-56
- SHEDDING of fruit.** See Abscission (botany)
SHEDDING of leaves. See Abscission (botany)
- SHEEP**
Prodanović, Dušan. Bibliografska građa o ovčarstvu i vunarstvu, 1774-1950. The sheep and wool bibliography of Yugoslavia, 1774-1950. Poljoprivredno izdavačko preduzeće '50 39p
Rendel, J. Further studies on some antigenic characters of sheep blood determined by epistatic action of genes. Acta Ag Scand 7 no2:258-9 '57
- Diseases and pests**
Kronfeld, D. S. Fetal drain of hexose in ovine pregnancy toxemia. Cornell Vet 48: 401-4 O '58
Newsom, Isaac Ernest. Sheep diseases. 2d ed. by Hadleigh Marsh. Williams & Wilkins '58 incl bibliog
See also
Bluetongue in sheep
- Feeding**
Cook, Charles Wayne, and others. Nutritive value of winter range plants in the Great Basin as determined with digestion trials with sheep. (Bul. 372) Agricultural experiment station, Utah state agricultural college '54 p55-6
Foote, W. C. and others. Reproduction in the yearling ewe as affected by breed and sequence of feeding levels. J Animal Sci 18:462, 474 My '59
Leonard, R. O. and Burns, R. H. Preliminary study of selenized wool. J Animal Sci 14: 456-7 My '55
Sien, S. B. and Whiting, F. Wool and lamb production as affected by the sources of protein in the ration of the mature ewe. J Animal Sci 14:857-9 Ag '55
- SHEEP breeding**
Blackwell, R. L. and Henderson, C. R. Variation in fleece weight, weaning weight and birth weight of sheep under farm conditions. J Animal Sci 14:842-3 Ag '55
Diggins, Ronald V. and Bundy, Clarence E. Sheep production; special consultant: Bill Oliver. Prentice-Hall '53 incl bibliog
Dun, R. B. Influence of selection and plane of nutrition on the components of fleece weight in Merino sheep. Australian J Ag Res 9:817-18 N '58
Foote, W. C. and others. Reproduction in the yearling ewe as affected by breed and sequence of feeding levels. J Animal Sci 18: 462, 474 My '59
Guyer, P. Q. and Dyer, Albert Joseph. Study of factors affecting sheep production. (Research bul. 558) Agricultural experiment station, College of agriculture, Univ. of Mo. '54 p72-4
- SHEET metal work**
See also
Metal spinning
- SHEFFIELD, England**
Sheffield, England. Free public libraries and museum. Department of local history and archives. Basic books on Sheffield history. rev ed Central lib. '58 16p
- SHELL molding.** See Foundry practice—Shell molding
SHELL roofs. See Shells (structural engineering)
- SHELLEY, Percy Bysshe, 1792-1822**
Current biography. Keats-Shelley J 4:109-30; 5:117-41; 6:129-57; 7:109-39; 8 no 1:51-86 '55-'59
Roe, Ivan. Shelley; the last phase. Roy pubs. '55 p247-8
Wilson, Milton. Shelley's later poetry; a study of his prophetic imagination. Columbia univ. press '59 p319-24
- SHELLFISH**
Purification
Arcisz, W. and Kelly, C. B. Self-purification of the soft clam mya arenaria. Pub Health Rep 70:613-14 Je '55
- SHELLS**
Hynd, J. S. Revision of the Australian pearl-shells, genus pinctada (lamellibranchia). Australian J Marine & Freshwater Res 6: 135-7 F '55
Johnstone, Kathleen (Yerger). Sea treasure; a guide to shell collecting. Houghton '57 p233-5
- SHELLS (structural engineering)**
Chronowicz, Albin. Design of shells: a practical approach. Ungar '59 p 197-9
Nash, William Arthur. Bibliography on shells and shell-like structures. (Rep. 863) U.S. David W. Taylor model basin '54 63p
- SHELTER belts.** See Windbreaks
- SHERMAN, William Tecumseh, 1820-1891**
Lewis, Lloyd. Sherman, fighting prophet; with a new appraisal by Bruce Catton. Harcourt '58 p655-69 annot
Liddell Hart, Basil Henry. Sherman: soldier, realist, American. (Bks. that matter) Praeger '58 p432-41
United States. Artillery and guided missile school, Fort Sill, Oklahoma. Library, William Tecumseh Sherman. (Special bibliog. no 10) The library '57 7p
- SHERRINGTON, Sir Charles Scott, 1857-1952**
Cohen, Henry Cohen, baron. Sherrington: physiologist, philosopher and poet. (Sherrington lectures, 4) Liverpool univ. press '58 p71-106
United States. National institute of neurological diseases and blindness. Great names in neurology; bibliog. of writings by Joseph Babinski, Victor Horsley, Charles Sherrington, and Arthur van Gehuchten; prepared for the first Int. congress of neurological sciences, Brussels, July 21-28, 1957. (U.S. Public health service, Pub. no554; Public health bibliog. ser. 17) The institute '57 p45-65
- SHETRONE, Henry Clyde, 1876-1954**
Setzler, F. M. Henry Clyde Shetrone—1876-1954. Am Antiq 21:298-9 Ja '56
- SHIELDING (radiation)**
Engberg, Charles J. Radiation shields and shielding; a bibliog. of unclassified AEC rep. literature. (TID-3032) Technical information service, U.S. Atomic energy comm. '52 26p
—[Supplement] comp. by Hugh Voress. (TID-3032, sup 1) Technical information service, U.S. Atomic energy comm. '54 16p
McCullough, Campbell Rogers, ed. Safety aspects of nuclear reactors. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '57 incl bibliog
Nuclear development corporation of America. White Plains, New York. Attenuation of gamma rays and neutrons in reactor shields [by] Herbert Goldstein; prepared for Div. of reactor development. U.S. Atomic energy commission. U.S. Gov. ptg. office '57 incl bibliog
Nuclear development corporation of America. White Plains, New York. Fundamental aspects of reactor shielding, by Herbert Goldstein. (A-W ser. in nuclear science and engineering) Addison-Wesley '59 incl bibliog
Price, Benjamin Terence, and others. Radiation shielding. (Int. ser. of monographs on nuclear energy. Div. 10: Reactor design physics, v2) Pergamon '57 incl bibliog

SHIELDING (radiation)—Continued

Rockwell, Theodore, ed. Reactor shielding design manual. Van Nostrand '56 incl bibliog
—Same. (U.S. Atomic energy comm. TID-7004) Naval reactors branch, Div. of reactor development, U.S. Atomic energy comm. '56 incl bibliog

United States. Atomic energy commission. Radiation shields and shielding; a bibliog. of unclassified rep. literature. (TID-3303) Technical information service extension '56 20p

SHIGELLA

Ewing, W. H. and others. Provisional shigella serotypes. Can J Microbiol 4:107 Ap '58
Floyd, T. M. Shigella boydii serotypes in Egypt. J Bact 71:529 My '56
Frantzen, Esther Dorthea (Jensen-Skytte). Biochemical and serological studies on the alkalescens-dispar group; tr. from Danish by Axel Andersen. Munksgaard '52 p207-16
Pan, S. F. and others. Studies on the metabolism of shigella. J Bact 73:408-9; 75:55. 61-2 Mr '57, Ja '58

SHINTO

Katō, Genchi, and others. Bibliography of Shinto in western languages from the oldest times till 1952. Meiji Jingu Shamusho '53 58,7p

SHIP burial

Magoun, F. P. and Bessinger, J. B. Sutton Hoo ship-burial: a chronological bibliography. Speculum 29:116-24; 33:515-22, Ja '54, O '58

SHIP models

Wright, E. A. Some international aspects of ship model research. Am Soc Naval Eng J 70:29 F '58

SHIP propulsion

Taggart, R. Novel marine propulsion devices. Am Soc Naval Eng J 71:42 F '59

See also

Propellers

SHIP subsidies

Georgetown university, Washington, D.C. School of foreign service. Government aid to shipping, foreign and U.S.; the 1953-1954 project of the undergraduate transportation research team. The school '54 p53-5

SHIPBUILDING

Andreoni, A. Experimental ship model testing tanks. Int Ship Prog 3 no 1:176-7 '56
Evans, T. H. Full scale ship structural experiments and the effect of unfair plating in tension. Am Soc Naval Eng J 68:69-70 F '56

Henschke, Werner, ed. Schiffbautechnisches handbuch; handbuch für den schiffbauer und schiffsmaschinenbauer. Verlag Technik '52 2v incl bibliog

Korvin-Kronkovsky, B. V. and Lewis, E. V. Suggested research in the sea keeping qualities of ships. Int Ship Prog 2 no 1:49 '55

Lap, A. J. W. and Manen, J. D. van. Fundamentals of ship resistance and propulsion. Int Ship Prog 3 no22:315; no23:406; no24:456; no25:513; no28:633; 4 no29:58; no30:124; no31:183; no32:238; no33:288; no34:333; no35:391; no36:452; no37:502 '56-'57

Lap, A. J. W. Some applications of the three-dimensional extrapolation of ship frictional resistance. Inst Eng & Shipbuilders Scot Trans 101:414-15 '57-'58

Marine engineering & shipbuilding abstracts. Inst. of marine engineers. See numbers

See also

Hulls (naval architecture)

Naval architecture

Propellers

SHIPPING

See also

Free ports and zones

Inland water transportation

Merchant marine

Ship subsidies

Danube river

Neweklowsky, Ernst. Die schiffahrt und flösserei im raume der oberen Donau. (Inst. für landeskunde von Oberösterreich. Schriftenreihe, 5-6) Oberösterreichischer landes-verlag '52-'54 2v v2, p415-36

Great Lakes

Greenwood, John Orville. Great Lakes ships and shipping, current sources of information; a bibliog. of source materials. The author '58 10p

Mayer, Harold Melvin. Port of Chicago and the St Lawrence seaway. (Research paper no49) Dept. of geography, Univ. of Chicago '57 p273-83

St Lawrence seaway and the future of the Great Lakes region. Bsns Inform Sources 26:9-12 N '55 annot

Rhine river

Walter, J. Einige economische beschouwingen over de Rijscheepvaart. Born '51 p 193-7

Waither, Karl August, ed. Vom meer zum Bodensee; unter mitwirkung der verbände zur förderung der Hochrhein-Bodensee-wasserstrasse. Walter '57 p243-6

South America

Kroeber, Clifton Brown. Growth in the shipping industry in the Río de la Plata region, 1794-1860. Univ. of Wis. press '57 p 167-75

United States

Braynard, Frank Osborn. Famous American ships; being an historical sketch of the United States as told through its maritime life. Hastings house '56 p 199-202

Harding, Addie Clark, and Eskew, Garnett Laidlaw. America rides the liners. Coward-McCann '56 p261-3

Hazard, John L. Crisis in coastal shipping: the Atlantic-Gulf case. (Research monograph no 16) Bur. of business research, Univ. of Tex; '55 p 180-6

Staff, Frank. Transatlantic mail. De Graff '56 p 179-80

SHIPPING fever. See Hemorrhagic septicemia

SHIPPING subsidies. See Ship subsidies

SHIPS

Braynard, Frank Osborn. Famous American ships; being an historical sketch of the United States as told through its maritime life. Hastings house '56 p 199-202

See also

Boats and boating

Navigation

Steamboats

Submarine boats

History

Heinsius, Paul. Das schiff der hansischen frühzeit. (Quellen und darstellungen zur hansischen geschichte, new ser, v 12) Böhlau '56 p xlii-xl

Vibration

Gordon, D. S. Instruments and techniques in vibration research. Inst Eng & Shipbuilders Scot Trans 96:122-4 '52-'53

Johnson, A. J. Some observations on local vibration. Inst Eng & Shipbuilders Scot Trans 100:185-7 '56-'57

SHIPWORMS

Monod, Théodore, and others. Xylophages et péricoles ouest africains. (Catalogues, 8) Inst. français d'Afrique noire '52 incl bibliog

SHIPWRECKS

Boxer, Charles Ralph, ed. and tr. Tragic history of the sea, 1589-1622; narratives of the shipwrecks of the Portuguese East Indiamen São Thomé (1589) Santo Alberto (1593) São João Baptista (1622) and the journeys of the survivors in South East Africa. (Hakluyt soc. Pub. ser2, no 112) Cambridge '59 p281-8 annot

Rattray, Jeanette (Edwards). Ship ashore! a record of maritime disasters off Montauk and eastern Long Island, 1640-1955. Coward-McCann '55 p235-8

SHIVAISM. See Sivaism

SHOCK

Norlander, Olof. Total hemoglobin, blood volume and circulatory changes in surgical patients; with special reference to post-operative substitution therapy [tr. by Stanley H. Vernon] (Sup 199) Acta chirurgica scandinavica '55 p33-5

SHOCK therapy

Dana, R. H. MMPI performance and electroshock treatment. J Clin Psychol 13:354-5 O '57

SHOCK tunnels. See Wind tunnels

SHOCK waves

Broberg, Knut Bertram. Shock waves in elastic and elastic-plastic media. (Rapport no 109:12) Forsknings- och försökssektionen, Befästningsbyrån. K. Fortifikationsförvaltningen '56 p 133-9

SHOCK waves—*Continued*

- Gerrard, J. H. Piezoelectric pressure gauges for use in a shock tube. *Acustica* 9 no 1: 22-3 '59
- Hammitt, A. G. Interaction of shock waves and turbulent boundary layers. *J Aero Sci* 25:355-6 Je '58
- Honda, M. Theoretical investigation of the interaction between shock waves and boundary layers. *J Aero/Space Sci* 25:677-8 N '58
- Uchida, S. and Yasuhara, M. Rotational field behind a curved shock wave calculated by the method of flux analysis. *J Aero Sci* 23: 845 S '56

SHOES. See Footwear

SHOOT apexes. See Meristems

SHOOTING

See also

Archery
Firearms

SHOP committees. See Employees' representation in management; Work councils

SHOP practice. See Machine shop practice

SHOPPING centers

- Cohen, Saul B. Selected annotated bibliography on shopping centers. *Kroger* '57 20p
- Holmes, Jack D. L. Selected and annotated bibliography of the planned suburban shopping center. (Bibliog. ser. 13) Bur. of business research, Univ. of Tex. '57 55p

SHOPS (stores) See Stores and store buildings

SHOPS, School. See School shops

SHORE lines

- Johnson, J. W. Dynamics of nearshore sediment movement. *Am Assn Pet Geol Bul* 40: 2230-2 S '56
- Johnson, J. W. Littoral drift problem at shoreline harbors. *Am Soc Civil Eng Proc* 83 [WW 1 no 1211]:34-7; [WW 3 no 1653]: 5-7 Ap '57, My '58

See also

Coast changes
Coasts

SHORE vegetation. See Seashore vegetation

SHORE water fauna

- Chapman, V. J. and Trevarthen, C. B. General schemes of classification in relation to marine coastal zonation. *J Ecol* 41:204 Ja '53
- Evans, R. G. Intertidal ecology of some localities on the Atlantic coast of France. *J Ecol* 45:270-1 Ap '57
- Guiler, E. R. Australian intertidal belt-forming species in Tasmania. *J Ecol* 43:148 Ja '55
- Macnae, W. Ecology of plants and animals in the intertidal regions of the Zwartkops estuary, near Port Elizabeth, South Africa. *J Ecol* 45:385-7 Jl '57
- Racek, A. A. Littoral penaeinae from New South Wales and adjacent Queensland waters. *Australian J Marine & Freshwater Res* 6:238-9 Ag '55
- Southward, A. J. Zonation of plants and animals on rocky sea shores. *Cambridge Philos Soc Biol R* 33:171-7 My '58
- Womersley, H. B. S. and Edmonds, S. J. General account of the intertidal ecology of South Australian coasts. *Australian J Marine & Freshwater Res* 9:257-9 Jl '58

SHORE water flora

- Chapman, V. J. and Trevarthen, C. B. General schemes of classification in relation to marine coastal zonation. *J Ecol* 41:204 Ja '53
- Evans, R. G. Intertidal ecology of some localities on the Atlantic coast of France. *J Ecol* 45:270-1 Ap '57
- Guiler, E. R. Australian intertidal belt-forming species in Tasmania. *J Ecol* 43:148 Ja '55
- Macnae, W. Ecology of plants and animals in the intertidal regions of the Zwartkops estuary, near Port Elizabeth, South Africa. *J Ecol* 45:385-7 Jl '57
- Southward, A. J. Zonation of plants and animals on rocky sea shores. *Cambridge Philos Soc Biol R* 33:171-7 My '58
- Womersley, H. B. S. and Edmonds, S. J. General account of the intertidal ecology of South Australian coasts. *Australian J Marine & Freshwater Res* 9:257-9 Jl '58

SHORT stories

- Cook, Dorothy Elizabeth, and Monro, Isabel Stevenson. Short story index; an index to 60,000 stories in 4,320 collections. *Wilson* '53 1553p
- Supplement, 1950-1954; an index to 9,575 stories to 549 colls; comp. by Dorothy E. Cook [and] Estelle A. Fidell. *Wilson* '56 394p
- Leal, Luis. Bibliografía del cuento mexicano. (Col. Studium, 21) Eds. de Andrea; Emory Univ. '58 162p
- Ordon, E. Tentative bibliography of the Polish short story in English translation. *Polish R* 1:167-76 Spring '56
- See also

Tales

History and criticism

- Lockemann, Fritz. Gestalt und wandlungen der deutschen novelle; geschichte einer literarischen gattung im neunzehnten und zwanzigsten jahrhundert. Hueber '57 p375-85
- Thurston, Jarvis A. ed. Reading modern short stories. *Scott* '55 incl bibliog
- Wing, Mary Jane. Studies in the American short story. (Lib. extension pub. v22, no 1) Univ. of N.C. lib. '56 p35-6

SHORTHAND

- Aliprandi, Guiseppe. Bibliografia della stenografia. (Biblioteca bibliog. italiana 8-9) Sansoni '56-'57 2v annot

Study and teaching

- Rainey, B. G. What's new in shorthand education? *J Bsns Educ* 34:71 N '58
- Virginia. Division of vocational education. Business education; pt4. Shorthand-transcription; suggested content, instructional procedures and achievement goals for Virginia high schools; prepared by Business education service. (Va. State board of education. Bul. v38, no 12) Div. of purchase & print '56 p41-3

SHOT peening

- Wheelabrator corporation. Shot peening. 5th ed The corporation '56 p 181-9 annot

SHOULDER**Diseases**

- Bateman, James E. Shoulder and environs. *Mosby* '55 incl bibliog

Wounds and injuries

- Bateman, James E. Shoulder and environs. *Mosby* '55 incl bibliog

SHREWS

- Lange, K. I. Soricidae of Arizona. *Am Midl Natur* 61:106-8 Ja '59

SHRIMPS

- Bailey, M. E. and others. Objective tests applicable to quality studies of ice stored shrimp. *Food Res* 21:619-20 N '56
- Banner, A. H. Contributions to the knowledge of the alpheid shrimp of the Pacific ocean; various small collections from the central Pacific area, including supplementary notes on alpheids from Hawaii. *Pac Sci* 13:154-5 Ap '59
- Chin, Edward, and Allen, Donald M. List of references on the biology of shrimp (family penaeidae). (Special scientific rep: fisheries, no276) U.S. Fish & wildlife service '59 143p

SHRINES

- Cassidy, Joseph L. Mexico, land of Mary's wonders. *St Anthony guild* '58 p 191-2

SHROUD, Holy. See Holy shroud**SHRUBS**

- Graves, Arthur Harmount. Illustrated guide to trees and shrubs; a handbk. of the woody plants of the northeastern U.S. and adjacent regions. rev ed Harper '56 p251-4
- Maheshwari, P. Floral morphology and embryology of the loranethoidai (loranthaceae). *Madras Univ J secB* 27:134-6 Ja '57
- See also

Jajoba

SIAM. See Thailand

SIBELIUS, Jean, 1865-1957

- Johnson, Harold Edgar. Jean Sibelius. *Knopf* '59 p278-87
- Ringbom, Nils-Eric. Jean Sibelius; a master and his work; tr. from the Swedish by G. I. C. de Courcy. Univ. of Okla. press '54 p 186-7

SIBERIA**Antiquities**

- Chard, C. S. Outline of the prehistory of Siberia. *Sw J Anthropol* 14:29-33 Spring '58

SIBERIA—Continued

Politics and government

Raëff, Marc. *Siberia and the reforms of 1822*. (Wash. (state). Univ. Pubs. on Asia) Univ. of Wash. press '56 p 187-204

Social conditions

Raëff, Marc. *Siberia and the reforms of 1822*. (Wash. (state). Univ. Pubs. on Asia) Univ. of Wash. press '56 p 187-204

SIBIRANI, Filippo, 1880-

Scritti matematici in onore di Filippo Sibirani [bibliog. by G. Varoli] Zuffl '57 p ix-xix

SICILY

Carlo, E. di. *Bibliografia siciliani*. Accad Bibl d'Italia 23:130-3 Mr '55

Cupertino, Enzo. *Regione siciliana; bibliografia* 1943-1953. Bellotti '54 297p

Evola, Niccolò Domenico, and d'Anna, G. *Bibliografia siciliana, 1938-1953*. Pezzino '54 532p

Description and travel

Schwarz, Heinrich M. *Sicily* [tr. from the German Sizilien] Studio '56 p43-4

SICK, The

Ciocco, A. and Perrott, D. *Statistics on sickness as a cause of poverty*. J Hist Med 12: 59-60 Ja '57

Field, Minna. *Patients are people; a medical-social approach to prolonged illness*. 2d ed Columbia univ. press '58 p266-71

See also

Church work with the sick
Physician and patient

SICKNESS insurance. See Insurance, Health

SIDDON, Sarah, 1755-1831

Haycraft, Molly (Costain). *First lady of the theatre: Sarah Siddons* (July 5, 1755-June 8, 1831) Messner '58 p 186-7

SIENKIEWICZ, Henryk, 1846-1916

Krzyżanowski, J. and Daszkowski, Z. *Pis'miennictwo o Henryku Sienkiewiczu; materiały bibliograficzne*. Państwowy inst. '55 468p

SIERRA NEVADA mountains

Axelrod, D. I. *Late tertiary floras and the Sierra Nevada uplift*. Geol Soc Am Bul 68:43-5 Ja '57

SIGERIST, Henry E. 1891-1957

Falk, L. A. *Medical sociology: the contributions of Dr Henry E. Sigerist*. J Hist Med 13:227-8 Ap '58

SIGHT

Armed forces-National research council vision committee. *Form discrimination as related to military problems; proceedings of a symposium sponsored by the Committee at Tufts univ. Medford, Mass. Apr. 4 and 5, 1957*; ed. by Joseph W. Wulfbeck and John H. Taylor. (Pub. 561) Nat. research council '57 p248-54

Armed forces-National research council vision committee. *Visual factors in automobile driving; summary rep. of a vision research symposium, held at the Nat. acad. of sciences, 6-7 Nov. 1957*; Stanley S. Ballard and Henry A. Knoll, editors. (Pub. no574) Nat. research council '58 incl bibliog

Berens, Conrad, and Sheppard, Louis Benjamin, eds. *Abstracts on military and aviation ophthalmology and visual sciences*. Biological sciences foundation '53 2v

Falk, J. L. *Theories of visual acuity and their psychological bases*. Psychol Bul 53: 130-3 Mr '56

Linschoten, Johannes. *Strukturanalyse der binokularen tiefenwahrnehmung; eine experimentelle untersuchung*. Wolters '56 p542-73

National education association of the United States. *Research division. Teaching about light and sight; a handbk. for classroom teachers in elementary and secondary schools*. 3d ed The association '55 p88-92

Pirenne, M. H. *Physiological mechanisms of vision and the quantum nature of light*. Cambridge Philos Soc Biol R 31:235-41 My '56

Walls, Gordon Lynn. *Lateral geniculate nucleus and visual histophysiology*. (Calif. Univ. Pubs. in physiology, v9, no 1) Univ. of Calif. press '53 p94-100

Zeidner, Joseph. *Analysis of visual acuity forms during dark adaptation to various low brightness levels*. Catholic univ. of Am. press '54 p75-8

See also

After images
Blindness
Color sense
Eye
Flicker phenomenon
Form perception
Optic nerve
Optic thalamus
Optics, Physiological
Visibility

SIGNALS and signaling

See also

Drum language

SIGNALS and signaling, Submarine

See also

Sonar

SIGNIFICS. See Semantics (philosophy)

SIGNS and symbols

Morris, Charles William. *Signs, language, and behavior*. Braziller '55 p311-43

SIKHS

History

Singh, Teja, and Singh, Ganda. *Short history of the Sikhs*; v 1, 1496-1765. Orient Longmans '50 p 185-94

SILAGE

Wittwer, L. S. and others. *Effect of storage methods upon nutrient losses and feeding value of ensiled legume and grass forage*. (Bul. 931) N. Y. State college of agriculture, Ithaca; Cornell univ. agricultural experiment station '58 p33-5

SILESIA

Schlesische bibliographie; 1942-1951[-1954-1955] im auftrage der Historischen komm. für Schlesien bearb. von Herbert Rister. (Historische komm. für Schlesien, Einzelschriften, no 1-3; Wissenschaftliche beiträge zur geschichte und landeskunde Ost- und Mitteleuropas, no5, 18, 24) Johann Gottfried Herder-inst. '53-'56 3v

Wrzosek, Antoni, ed. *Górny Śląsk; prace i materiały geograficzne*. Wydawn. literackie '55 incl bibliog

Church history

Eberlein, Hellmut. *Schlesische kirchengeschichte*. 3d ed (Das Evangelische Schlesien, v 1) Verlag der schles. evangel. zentralstelle '52 p241-6

History

Maleczyński, Karol. *Bibliografia historii Śląska za lata 1939-1946*. Wrocławskie towarzystwo miłośników historii '54 167p

SILICA

Jaster, Marion C. *Selected annotated bibliography of high-grade silica of the United States and Canada through December 1954; contributions to bibliog. of mineral resources*. (U.S. Geological survey, Bul. 1019-H) U.S. Gov. ptg. office '57 609-73p

Krauskopf, K. B. *Dissolution and precipitation of silica at low temperatures*. Geochimica & Cosmochimica Acta 10:25-6 Ag '56

SILICA, Fused

Tighe, Nancy J. *Fused-quartz fibers; a survey of properties, applications, and production methods*. (U.S. Nat. bur. of standards. Circ. 569) U.S. Gov. ptg. office '56 p 18-26

SILICATE of soda. See Sodium silicates

SILICATES

Bates, T. F. *Morphology and crystal chemistry of 1:1 layer lattice silicates*. Am Min 44:112-14 Ja '59

Hauser, Ernst Alfred. *Silicic science; a review of the colloid scientific properties and phenomena exhibited by matter composed essentially of the element silicon*. Van Nostrand '55 incl bibliog

Iler, Ralph Kingsley. *Colloid chemistry of silica and silicates*. (George Fisher Baker non-resident lectureship in chemistry at Cornell univ) Cornell univ. press '55 incl bibliog

See also

Beryl
Glass
Glaucanite
Mica
Pyroxenes
Serpentine

SILICIC acid**Physiological effect**

Glömme, J. and others. Studies on the toxicity of silicic acid. *AMA Archives Ind Health* 17:208-9 Mr '58

SILICON

Conwell, E. M. Properties of silicon and germanium. *Inst Radio Eng Proc* 46:1298-1300 Je '58
Herman, F. Electronic energy band structure of silicon and germanium. *Inst Radio Eng Proc* 43:1731-2 D '55
Hunyar, Andreas. *Chemie der silikone*. Verlag Technik '52 p224-54
Kinman, T. H. and others. Germanium and silicon power rectifiers. *Inst Elec Eng Proc* 103:102 Ap '56
Lewin, J. C. Silicon metabolism in diatoms. *Plant Physiol* 30:134 Mr '55
Schultz, M. L. and Morton, G. A. Photo-conduction in germanium and silicon. *Inst Radio Eng Proc* 43:1827-8 D '55

SILICON organic compounds

Bazant, Vladimir, and others. Silikony; związki krzemorganiczne, ich synteza, własności i zastosowanie; tłum: M. Tomaszewicz [i] L. Zakrzewski. Państwowe wydawn. techniczne '55 p281-359

SILICONES

Meals, Robert N. and Lewis, Frederick Minton. Silicones. (Reinhold plastics applications ser) Reinhold '59 p257-9

SILICOSIS

King, E. J. and others. Silica-solubility theory of silicosis. *AMA Archives Ind Health* 13: 138 F '56
Scheepers, G. W. H. and Delahant, A. B. Antagonistic biological action of quartz and potassium carbonate. *AMA Archives Ind Health* 12:115 Ag '55
Vyskočil, J. Endocrine functions in silicotics. *AMA Archives Ind Hygiene & Occup Med* 9:412-13 My '54

SILK manufacture and trade

Honegger, H. and others. Zürich silks. *Ciba R* no 119:32 Mr '57
May, Florence Lewis. Silk textiles of Spain, eighth to fifteenth century. (Hispanic notes & monographs; essays, studies, and brief biographies. Peninsular ser) Hispanic soc. of Am. '57 p266-73
Traupel, R. Spun silk. *Ciba R* no 111:4035 Ag '55

See also

Rayon industry

SILK screen printing

Screen process printing, 1954. (V3) World's press news pub. co. '54 p68 annot

SILL, Edward Rowland, 1841-1887

Ferguson, Alfred Riggs. Edward Rowland Sill: the twilight poet. (Int. scholars forum; a ser. of bks. by Am. scholars, 3) Nijhoff '55 p239-49

SIMENON, Georges, 1903-

Narcejac, Thomas. Art of Simenon [tr. from the French by Cynthia Rowland] Routledge '52 p 171-8

SIMILARITY (psychology)

Noble, C. E. Psychology and the logic of similarity. *J Gen Psychol* 57:41-3 Jl '57

SIMMEL, Georg, 1858-1918

Gassen, Kurt, and Landmann, Michael, eds. Buch des dankes an Georg Simmel: briefe, erinnerungen, bibliographie; zu seinem 100. geburtstag am 1. märz 1958 [bibliog. by K. Gassen] Duncker & Humblot '58 p313-65

SIMMONDSIA californica. See *Jajoba***SIMON, André Louis, 1877-**

Simon, André Louis. By request; an autobiography. *Wine & food soc.* '57 p 159-74 annot

SIMON, Franz, Eugen, 1893-1956

Kurtl, N. Franz Eugen Simon. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p251-6)

SIMULIIDAE

British museum (natural history). Simuliidae of the Ethiopian region, by Paul Freeman, and Botha de Meillon. The museum '53 p217-22

Davies, D. M. and Peterson, B. V. Observations on the mating, feeding, ovarian development, and oviposition of adult black flies (simuliidae, diptera) *Can J Zool* 34: 651-5 D '56

Jamnback, Hugo, and Collins, Donald Louis. Control of blackflies (diptera: simuliidae) in New York. (N.Y. State museum. Bul. no350) Univ. of the state of N.Y. '55 p93-100

Stone, Alan, and Jamnback, Hugo. Black flies of New York state (diptera: simuliidae) (N.Y. State museum. Bul. no349) Univ. of the state of N.Y. '55 p85-91

SIN

Wilhelm-Hooijbergh, Anna Elizabeth. Peccatum; sin and guilt in ancient Rome. *Wolters* '54 p 124-5

See also**Atonement****SIN, Original**

Van Roo, William A. Grace and original justice according to St Thomas. (Analecta gregoriana, v75) Univ. gregoriana '55 p203-6

SINCLAIR, Upton Beall, 1878-

Evans, I. O. List of books, pamphlets and leaflets by Upton Sinclair. *Tamiment Inst Lib Bul* no17:2-7 S '58

SINDEAD, the philosopher

Epstein, M. Manuscripts, printed editions, and translations of Mishle Sendebat. *N Y Pub Lib Bul* 63:63-87 F '59

SINGING

Huls, Helen Steen. Adolescent voice; a study. *Vantage* '57 p58-61
Westerman, Kenneth N. Emergent voice. 2d ed The author '55 p 169-70

Young, Gerard Mackworth. What happens in singing; a short manual of vocal mechanics and technique; with a foreword by Astra Desmond, Pitman '56 p 121-2

SINKIANG

Whiting, Allen Suess, and Shêng, Shih-ts'ai. Sinkiang: pawn or pivot? *Mich. state univ. press* '58 p303-7

SINO-TIBETAN languages. See *Indo-Chinese languages***SINTERING**

Ban, T. C. E. Review of self-fluxing sinter applications. *Blast Furn & Steel Plant* 47:302 Mr '59

SINTON, John Alexander, 1884-1956

Christophers, R. John Alexander Sinton, 1884-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p282-90)

SIQUAN Indians

Miller, Carl Frederick. Reevaluation of the eastern Siouan problem with particular emphasis on the Virginia branches: the Occaneechi, the Saponi, and the Tutelo. (U.S. Bur. of Am. ethnology. Bul. 164; Anthropological papers, no52) U.S. Gov. ptg. office '57 p207-11

SIPHONAPTERA. See *Fleas***SIPUNCULIDS**

Edmonds, S. J. Australian sipunculoidea. *Australian J Marine & Freshwater Res* 6: 96-7: 7:313-15 F '55, Jl '56

SIRENIA

Reinhart, Roy Herbert. Review of the sirenia and desmostylia. (Calif. Univ. Pubs. in geological sciences, v36, no 1) Univ. of Calif. press '59 p 110-5

SIRENIA, Fossil

Reinhart, Roy Herbert. Review of the sirenia and desmostylia. (Calif. Univ. Pubs. in geological sciences, v36, no 1) Univ. of Calif. press '59 p 110-5

SISTERHOODS**See also**

Felician sisters of the Order of St Francis
Sisters of mercy

SISTERS of mercy

Bauman, sister Mary Beata. Way of mercy: Catherine McAuley's contribution to nursing. *Vantage* '58 p 169-77

SIVAISM

Piet, John H. Logical presentation of the Salva Siddhanta philosophy. (Indian research ser. 8) United soc. for Christian literature '52 p 181-5

SIXTEENTH century

Pearson, Lu Emily (Hess). Elizabethans at home. Stanford univ. press '57 p611-23

SIZE (biology)

Rensch, B. Increase of learning capability with increase of brain-size. *Am Natur* 90: 93-5 Mr '56

SIZE of particles. See *Particles***SKAUTRUP, Peter, 1896-**

Festskrift til Peter Skautrup, 21. januar 1956 [ed: Svend Aakjaer et al] Universitetsforlaget '56 p411-19

SKELETON

- Inkster, R. G. and others. Anatomy of the locomotor system; osteology, arthrology, myology. (Cunningham's text-bk. of anatomy, v2) Oxford '56 incl bibliog
- Stewart, Thomas Dale, and Trotter, Mildred, eds. Basic readings on the identification of human skeletons: estimation of age. Wenner-Gren '54 incl bibliog
- Swoboda, W. Das skelett des kindes; entwicklung, bildungsfehler und erkrankungen. (Archiv und atlas der normalen und pathologischen anatomie in typischen röntgenbildern; Fortschritte auf dem gebiete der röntgenstrahlen und der nuklearmedizin; diagnostik, physik biologie, therapie. Sup78) Thieme '56 p 167-74

See also

Bone

SKETCHING. See Drawing

SKIAGRAPHY. See Radiography

SKIM milk. See Milk, Skimmed

SKIMMED milk. See Milk, Skimmed

SKIN

- Lele, P. P. and others. Observations on the innervation of the integument of amphioxus, branchiostoma lanceolatum. Q J Microsc Sci 99:439-40 S '58
- Montagna, William. Structure and function of skin. Academic press '56 incl bibliog
- Weddell, G. and others. Nerve endings in mammalian skin. Cambridge Philos Soc Biol R 30:189-93 My '55

Cancer

- Dammert, Kai. Zur histologie der chemischen hautcarcinogenese im lichte der zweiphasenhypothese untersucht an mausem. (Sup 124) Acta pathologica et microbiologica scandinavica '57 p 134-9

Diseases

- Baer, Rudolf L. ed. Allergic dermatoses due to physical agents. N.Y. univ. press '56 incl bibliog
- Baer, R. L. and others. Newer studies on the epidemiology of fungous infections of the feet. Am J Pub Health 45:790 Je '55
- Bagchi, K. and others. Etiology of phrynoderma. Am J Clin Nutrition 7:257-8 My '59
- Gans, Oscar, and Steigleder, Gerd Klaus. Histologie der hautkrankheiten; die gewebveränderungen in der kranken haut unter berücksichtigung ihrer entstehung und ihres ablaufs. 2d ed Springer '55 p625-78
- Klauder, J. V. and Combes, F. C. Aspects of occupational dermatoses; with particular reference to treatment and chromate dermatitis. Ind Med 24:22 Ja '55
- Klauder, J. V. and others. Industrial uses of compounds of fluorine and oxalic acid. AMA Archives Ind Health 12:418-19 O '55
- Leigh, W. H. Morphology of gigantobilharzia huttoni (Leigh, 1953) an avian schistosome with marine dermatitis-producing larvae. J Parasitol 41:267-8 Je '55
- Lomholt, Esbern. Home conditions; a socio-medical study of 1066 hospitalized patients with skin and venereal diseases. (Sup 40) Acta dermatovenereologica '58 p57-9
- Morris, G. E. Failure of steroid therapy in contact dermatitis. Ind Med 24:540 D '55
- Obermayer, Maximilian Ernest. Psychocutananeous medicine. (Am. lecture ser, pub. no239) Thomas '55 p431-71
- Penrose, L. S. and Stern, C. Reconsideration of the Lambert pedigree (ichthyosis hystrix Gravior) Ann Hum Genetics 22:280-1 My '58

See also

Blastomycosis
Dermatophytes
Leprosy
Schistosomiasis

Surgery

- Epstein, Ervin Harold, ed. Skin surgery. Lea '56 incl bibliog

Tumors

- Bluefarb, Samuel M. Kaposi's sarcoma: multiple idiopathic hemorrhagic sarcoma. (Am. lecture ser, pub. no308) Thomas '57 p 147-66

Greither, Aloys, and Tritsch, Helmut. Die geschwülste der haut; ihr klinisches und feingewebliches bild, ihre erkennung und behandlung. Thieme '57 incl bibliog

SKIN grafting

- Brown, James Barrett, and McDowell, Frank. Skin grafting. 3d ed Lippincott '58 p308-91

SKULL

See also

Craniology

Radiography

- Lindgren, Erik, ed. Röntgenologie, einschliesslich kontrastmethoden. (Handbuch der neurochirurgie, v2) Springer '54 p251-78
- Loepp, Willy, and Lorenz, Reinhold. Röntgendiagnostik des schädels. Thieme '54 p544-59
- Moore, Sherwood. Hyperostosis cranii: Stewart-Morel syndrome, metabolic craniopathy, Morgagni's syndrome, Stewart-Morel-Moore syndrome (Ritvo), le syndrome de Morgagni-Morel. Thomas '55 p 196-207

Tumors

- Moore, Sherwood. Hyperostosis cranii: Stewart-Morel syndrome, metabolic craniopathy, Morgagni's syndrome, Stewart-Morel-Moore syndrome (Ritvo), le syndrome de Morgagni-Morel. Thomas '55 p 196-207

SKUM. Nils Nilsson, 1872-1951

- Manker, Ernst. Mauritz. Boken om Skum. LTs förlag '56 p 170-3

SKUNKS

- Van Gelder, Richard G. Taxonomic revision of the spotted skunks (genus spilogale) (Bul. v 117, article 5) Am. museum of natural history '59 p390-2

SLAG

- Metz. Centre d'études supérieures de la sidéurgie. Physique et chimie des laitiers. (Les cahiers du Cessid) Berger-Levrault '55 incl bibliog

SLATE

See also

Schists

SLAVE labor. See Labor, Compulsory

SLAVERY

- Westernman, William Linn. Slave systems of Greek and Roman antiquity. (Memoirs, v40) Am. philosophical soc. '55 p 163-73

United States

- Brokhage, Joseph Delfmann. Francis Patrick Kenrick's opinion on slavery. (Catholic univ. of Am. School of sacred theology. Studies in sacred theology, 2d ser, no85) Catholic univ. of Am. press '55 p244-57
- Fladeland, Betty Lorraine. James Gillespie Birney: slaveholder to abolitionist. Cornell univ. press '55 p295-315
- Furnas, Joseph Chamberlain. Goodbye to Uncle Tom. Sloane '56 p397-418
- Mandel, Bernard. Labor: free and slave; workingmen and the anti-slavery movement in the United States. Associated authors '55 p217-44
- Muelder, Hermann Richard. Fighters for freedom; the history of anti-slavery activities of men and women associated with Knox college. Columbia univ. press '59 p399-415
- Stampf, Kenneth Milton. Peculiar institution; slavery in the ante-bellum South. Knopf '56 p431-6
- Taylor, Orville Walters. Negro slavery in Arkansas. Duke univ. press '58 p259-70

See also

Abolitionists
Missouri compromise
Negroes in the United States—Colonization
Underground railroad

SLAVIC languages

- Horálek, Karel. Úvod do studia slovanských jazyků; celostátní vysokoškolská učebnice. (Československá akademie věd. Sekce jazyka a literatury. Práce, no4) Nakl. Československé akad. věd '55 p436-82

Jakobson, Roman. Slavic languages; a condensed survey. 2d ed (Columbia univ. Dept. of Slavic languages. Columbia Slavic studies) King's crown press '55 p22-36

Lehr-Spławiński, Tadeusz. Przegląd i charakterystyka języków słowiańskich; podręcznik zatwierdzony do użytku w szkołach wyższych. Państwowe wydawn. naukowe '54 incl bibliog

SLAVIC literature

Breyer, Mirko. O starim i rijetkim jugoslavenskim knjigama; bibliografsko-bibliofski prikaz; nadopundili i za štampu priredili Blanka i Tomislav Jakić. Jugoslavenska akademija znanosti i umjetnosti '52 40p

Dissertationen auf dem gebiete der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR bis zum jahre 1955. Z Slawistik 1 no3:158-60 '56

Dissertationen auf den gebieten der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR im jahre 1956[-1957] Z Slawistik 2 no2:257; 3 no5:784-5 '57-'58

Feyl, O. and Müller, K. H. Zehn jahre slawistik und Osteuropa-kunde im spiegel der deutschsprachigen veröffentlichungen Ostdeutschlands (1945-1955) Z Slawistik 1 no 1: 112-32; 2 no 1:105-35 '56-'57

Slavica canadiana, A.D. 1954[-1957] (Slavistica, no24, 27, 30, 33) Ukrainian free acad. of sciences 55-'58 4v

See also

Glagolitic literature

Polish literature

Russian literature

Ukrainian literature

Translations into Czech

Bečka, Josef, ed. Slavica v české řeči; v 1: České překlady ze slovanských jazyků do r. 1860; s kolektivem spolupracovníků Slovanského ústavu CSAV. (Československá akad. věd. Sekce jazyka a literatury. Studie a prameny, v3) Nakl. Československé akad. věd '55 164p

SLAVIC manuscripts. See Manuscripts, Slavic

SLAVIC periodicals

Breslau. Uniwersytet. Biblioteka. Katalog słowiańskich wydawnictw ciągłych; opracował Jan Ożóg. 2d rev ed (Dokumentacja zbiorów własnych) The library '58 4v

SLAVIC philology

American bibliography of Slavic and East European studies, 1956[-1958] (Pubs. Slavic and East European ser) no9-10, 18) Ind. univ. '57-'59 3v

Besprechungen [and other bibliographical material] See numbers of Zeitschrift für slavische philologie

Jena. Universität. Bibliothek. Slavica-auswahl katalog; ein hilfsbuch für slawisten und germanoslavica-forscher in 2 bänden besorgt von einer slawistischen arbeitsgruppe in der Bibliothek unter verantwortlicher leitung von Othmar Feyl. (Claves jenenses, 4-6) Böhlau '56-'59 3v

Study and teaching

Manning, Clarence Augustus. History of Slavic studies in the United States. (Marquette Slavic studies, 3) Marquette univ. press '57 p 109-13

SLAVIK, František, 1876-1957

Memorial of František Slavík. Am Min 43: 328-30 Mr '58

SLAVS

American bibliography of Slavic and East European studies, 1956[-1958] (Pubs. Slavic and East European ser, no9-10, 18) Ind. univ. '57-'59 3v

Dissertationen auf dem gebiete der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR bis zum jahre 1955. Z Slawistik 1 no3:158-60 '56

Dissertationen auf den gebieten der slawistik und osteuropäischen geschichte, angenommen an den universitäten der DDR im jahre 1956[-1957] Z Slawistik 2 no2:257; 3 no5:784-5 '57-'58

Dvornik, Francis. Slavs; their early history and civilization. (Survey of Slavic civilization v2) Am. acad. of arts & sciences '56 p342-71

Feyl, O. and Müller, K. H. Zehn jahre slawistik und Osteuropa-kunde im spiegel der deutschsprachigen veröffentlichungen Ostdeutschlands (1945-1955) Z Slawistik 1 no 1: 112-32; 2 no 1:105-35 '56-'57

Kleine slawische biographie. Harrassowitz '58 p809-32

Slavistische bibliographie. See numbers of Die Welt der Slaven

See also

Panslavism

History

Manning, Clarence Augustus. History of Slavic studies in the United States. (Marquette Slavic studies, 3) Marquette univ. press '57 p 109-13

SLEEP

Bleckmann, Karl Heinz. Der schlaf des kindes: biologie, psychologie, pathologie, therapie; mit einem vorwort von O. Bosert. Verlag für medizinische psychologie '55 p201-13

Gutwirth, Samuel W. How to sleep well; the cultivation of natural rest. Vantage '59 p94-5

See also

Dreams

SLIME

Harrison, M. E. and Heukelekian, H. Slime infestation; literature review. Sewage & Ind Wastes 30:1299-1302, 1363 O-N '58

SLOT machines. See Vending machines

SLOVAK literature

Bratislava. Univerzita. Knížnica. Stúrovské tlačie univerzitnej knižnice v Bratislave; bibliografia; spracoval Imrich Kotvan. (Bibliografie) The library '56 99p

Kotvan, Imrich. Bibliografia bernolákovcov. Matica slovenská '57 408p

See also

Folk literature, Slovak

Translations from Polish

Bratislava. Univerzita. Knížnica. Čo čítať z polskej literatúry v slovenčine? Výberový zoznam; spracoval Jozef Bánsky. (Bibliografie) The library '55 31p

SLOVAKIA

Antiquities

Cincik, Joseph G. Ancient Slovak fibulas and pseudo-fibulas; a study of Slovak metallic tsic art in the ethnogenetical age. Staroslovenský pôvod spiniek-spón; štúdia z ranehistorického kovového umenia starých Slovákov. Lach '57 p95-105

SLOVENIA

Kos. Milko. Zgodovina Slovencev, od nastitve do petnajstega stoletja. Slovenska matica '55 p 357-83

SLOVENIAN literature

Boršnik, Marja. Kratek bibliografski pregled slovenskega slovstva. (Bibliografska dela, 2) Državna založba Slovenije '55 101p

SLUDGE, Sewage. See Sewage sludge

SLUMS

Mace, Ruth L. Cost of providing municipal services as compared to the revenues to be derived from the areas or land uses served; a sel. bibliography. (Special study) Inst. of gov. Univ. of N.C. '56 4p
—Same, rev ed (Special study) Inst. of gov. Univ. of N.C. '59 6p

SMALL, Lyndon Frederick, 1897-1957

Mosettig, E. Lyndon Frederick Small. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p408-13)

SMALL arms. See Firearms

SMALL business. See Business—Small business

SMALLPOX

Miller, Genevieve. Adoption of inoculation for smallpox in England and France. Univ. of Pa. press '57 p294-339

SMELL

Versteeg, Nicolaas. Onderzoekingen over de reuk. Excelsior '56 p 116-22

See also

Odors

SMELTING

See also

Slag

SMEND, Rudolf, 1882-

Rechtsprobleme in staat und kirche; fest-schrift für Rudolf Smend zum 70. geburts-tag, 15. Jan. 1952, dargebracht von freunden, schülern und kollegen. (Göttinger rechts-wissenschaftliche studien, v3) Schwartz '52 p445-7

SMITH, Alfred Emanuel, 1873-1944

Handlin, Oscar. Al Smith and his America. (Lib. of Am. biography) Little '58 p 190-4 annot

SMITH, David, 1906-

Hunter, S. David Smith [sel. bibliog. by Bernard Karpel] Mus Mod Art Bul 25 no12:36 '57 annot

- SMITH, Ernest Bramah** (Ernest Bramah, pseud.) 1869?-1942
 White, W. Ernest Bramah: a first check-list. *Bul Bibliog* 22:127-31 My '58
- SMITH, Thomas Vernor**, 1890-
 Denise, Theodore Cullom, and Williams, Milton Howard, eds. Retrospect and prospect on the retirement of T. V. Smith. Syracuse univ. press '56 p 159-75
- SMITH, Sir William Wright**, 1875-1956
 Cowan, J. M. William Wright Smith, 1875-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p 198-202)
- SMITHSONIAN institution**
 United States. Superintendent of documents. National museum, Smithsonian institution. Indians. (Price list 55, 32d ed) U.S. Gov. ptg. office '58 5p
- SNOKE prevention**
 Hansen, Knud. Undersøgelser vedrørende flyveaske og flyveaskeudskillere i forbindelse med ristede kedler. (Akademiet for de tekniske videnskaber. Ingeniørvidenskabelige skrifter, 1953, no 1) G. E. C. Gad '53 p 159-62
- SMOKING**
 Cutler, S. J. Review of the statistical evidence on the association between smoking and lung cancer. *Am Stat Assn J* 50:281-2 Je '55
 Hammond, E. C. Association between smoking habits and death rates. *Am J Pub Health* 48:1467-8 N '58
 Hammond, E. C. Smoking and death rates—a riddle in cause and effect. *Am Scientist* 46:353-4 D '58
 Koskowski, Włodzimierz. Habit of tobacco smoking. *De Graff* '56 p273-86
 Pohlisch, Kurt. Tabak; betrachtungen über genuss- und rauschpharmaka. (Arbeit und gesundheit, no54) Thieme '54 p 195-200
 Thompson, C. W. and Flynn, W. New health education implications in the association of smoking, lung cancer, and heart disease. *Res Q* 27:443-5 D '56
- SMOLLETT, Tobias George**, 1721-1771
 Goldberg, Milton Allan. Smollett and the Scottish school: studies in 18th cent. thought. Univ. of N.Mex. press '59 p 187-91
- SMUTS**
 Cherewick, W. J. Cereal smut races and their variability. *Can J Plant Sci* 38:489 O '58
 Fischer, George William, and Holton, Charles Stewart. Biology and control of the smut fungi. *Ronald* '57 p 451-597
 Holton, C. S. Genetic phenomena in the smut fungi as related to the dynamics of the species. *Phytopathology* 44:354-5 JI '54
 Rowell, J. B. and DeVay, J. E. Genetics of ustilago zeae in relation to basic problems of its pathogenicity. *Phytopathology* 44:361-2 JI '54
 Zundel, George Lorenzo. Ustilaginales of the world. (Contribution no 176) Dept. of botany, Pa. state college '53 p 15-17
- SMUTS, Jan Christiaan**, 1870-1950
 Scott, Judy Anne Sinclair. Jan Christiaan Smuts; a biblog. of prefs, forewords and introd. by Smuts, and biographical data about him. (Bibliog. ser) School of librarianship, Univ. of Cape Town '53 46p
- SMYTHITE**
 Erd, R. C. and others. Smythite, a new iron sulfide, and associated pyrrhotite from Indiana. *Am Min* 42:331-3 My '57
- SNAILS**
 Frömming, Ewald. Biologie der mitteleuropäischen landgastropoden. Duncker & Humblot '54 p379-402
 Komal, T. and Emura, S. Study of population genetics on the polymorphic land snail *bradybaena similis*. *Evolution* 9:416-18 D '55
 McCraw, B. M. Ecology of the snail, *lymnaea humilis* Say. *Am Micros Soc Trans* 78:119-21 Ja '59
- SNAKES**
 Christensen, Poul Agerholm. South African snake venoms and antivenoms. South African inst. for medical research '55 p 106-1
 Klauber, Laurence Monroe. Rattlesnakes; their habits, life histories, and influence on mankind; pub. for the Zoological soc. of San Diego. Univ. of Calif. press '56 2v v2, p 1261-1401
- Palmer, E. L. Snakes. *Nature Mag* 50:368 Ag '57
 Wright, Albert Hazen, and Wright, Anna Allen. Handbook of snakes of the United States and Canada. (Handbks. of Am. natural history) Comstock '57 2v v2, p 1070-4
- SNODGRASS, Robert Evans**, 1875-
 Thurman, E. B. Bibliography of R. E. Snodgrass between the years 1896 and 1958. (In Studies in invertebrate morphology; pub. in honor of Dr. Robert Evans Snodgrass on the occasion of his 84th birthday, July 5, 1959. Smithsonian inst. '59 p 19-22)
- SNOW**
 Glaciological literature. See numbers of Journal of glaciology
 Kühle-Scheidemantel, I. Die dauer der schneedecke in Europa. *Petermanns Geog Mitt* 100 no 3:189-92 '56
 Minnesota. University. Department of mechanical engineering. Friction on snow and ice. (U.S. Army. Corps of engineers. Snow ice and permafrost research establishment. SIREP rep. 17) The department '55 29p (at end)
 Pearce, D. C. and others. Bibliography on snow and ice. (Bibliog. no 1) Div. of building research, Nat. research council '51 69p
 Thuronyi, Geza, and others. Selected annotated bibliography on the micrometeorology of snow cover. *Meteorol Abst & Bibliog* 7:873-921 JI '56
 United States. Army. Corps of engineers. Snow hydrology; summary rep. of the snow investigations. North Pacific div. Corps of engineers, U.S. army '56 incl bibliog
- See also
 Avalanches
- SNOW line**
 Hermes, Karl. Die lage der oberen waldgrenze in den gebirgen der erde und ihr abstand zur schneegrenze. (Kölnner geographische arbeiten, no5) Geographisches inst, Univ. Köln '55 incl bibliog
- SOAP**
 Documentation analytique. See numbers of Oléagineux
- SOCCER**
 Soccer—speedball guide; incl. field ball for girls and women with official rules and standards, July 1958-July 1960; eds: Bonnie Jo Bevans and Anitsa Nussis [Soccer bibliog. rev. by Suzanne M. Powell. Sel. speedball bibliog. rev. by Catharine Wakefield] (Sports lib. for girls and women) Div. for health, physical education & recreation '58 p41-3
- SOCIAL adjustment**. See Adjustment, Social
- SOCIAL agencies**
 Family service association of America. Guide to classification of professional positions and evaluation outlines in a family service agency. The association '57 p54-5
- SOCIAL and economic security**
 International labor office. Social security; a workers' education manual. The office '58 p 131-2
- See also
 Wage payment plans—Guaranty of earnings
- SOCIAL anthropology**
 Count. E. W. Biological basis of human sociality. *Am Anthropol* 60:1083-5 D '58
 Devereux, G. Anthropological data suggesting unexplored unconscious attitudes toward and in unwed mothers. *Archives Crim Psychodyn* 1:575-6 Summer '55
 Edmonson, Munro S. Los Manitos; a study of institutional values. (Pub. 25) Middle Am. research inst. Tulane univ. '57 p70-1
 Gjessing, G. Chinese anthropology and new China's policy towards her minorities. *Acta Sociol* 2 no 1:66-8 '56
 Harding, C. F. Social anthropology of American industry. *Am Anthropol* 57:1229-31 D '55
 Lang, G. O. Theoretical methods and approaches to the understanding of man. *Anthropol Q* 32:64-6 Ja '59
 Yinger, J. M. Influence of anthropology on sociological theories of religion. *Am Anthropol* 60:495-6 Je '58
- SOCIAL case work** See Social work
- SOCIAL change**
 Lippitt, Ronald, and others. Dynamics of planned change; a comparative study of principles and techniques. Harcourt '58 p299-305

SOCIAL change—Continued

Nash, Manning. Machine age Maya; the industrialization of a Guatemalan community. Free press; Research center in economic development & cultural change, Univ. of Chicago '58 p 117-18

Nash, M. Multiple society in economic development; Mexico and Guatemala. *Am Anthropol* 59:832-3 O '57

See also

Culture—Diffusion

SOCIAL classes

Goldschmidt, W. Social class and the dynamics of status in America. *Am Anthropol* 57:1216-17 D '55

Mayer, Kurt Bernd. Class and society. (Doubleday short studies in sociology, no 10) Doubleday '55 p87-8 annot

See also

Class conflict

SOCIAL conditions

Recent publications of the United Nations and specialized agencies in the social field. *Int Social Serv* R no3:64-7; no4:53-6; no5:59-65 O '57, S '58, S '59 annot

Rose, Arnold Marshall, ed. Institutions of advanced societies. Univ. of Minn. press '58 incl bibliog

See also

Class conflict

Cost and standard of living

Economic conditions

Labor and laboring classes

Social problems

Social surveys

SOCIAL democratic party (Germany)

Edinger, Lewis Joachim. German exile politics; the Social democratic executive com. in the Nazi era. Univ. of Calif. press '56 p301-15

Schorske, Carl E. German social democracy, 1905-1917; the development of the great schism. (Harvard historical studies, v65) Harvard Univ. press '55 p331-52 annot

SOCIAL education

Sorenson, Roy, and Dimock, Hedley Seldon. Designing education in values; a case study in institutional change. Assn. press '55 p349-57

SOCIAL ethics

Muelder, Walter George. Foundations of the responsible society. Abingdon '59 p281-90

Utz, Arthur Fridolin. Sozialethik; v 1, Die prinzipien der gesellschaftslehre; mit int. bibliographie. (Sammlung Politeia, v 10) Kerle '58 p399-504

See also

Christian ethics

Crime and criminals

Sociology, Christian

SOCIAL group work. See Group work**SOCIAL groups. See Groups (sociology)****SOCIAL history**

Bibliography. See numbers of International review of social history

SOCIAL insects. See Insect societies**SOCIAL insurance. See Insurance, Social****SOCIAL legislation**

Hogan, John D. and Ianni, Francis A. J. American social legislation. (Harper's social science ser) Harper '56 incl bibliog

SOCIAL measurements. See Sociometry**SOCIAL medicine**

L'Eltore, Giovanni, and others. Statistica e sociologia sanitaria; lezione e studi. 2d ed The authors '56 incl bibliog

SOCIAL mobility. See Migration, Internal**SOCIAL organization**

Berndt, R. M. Murgin (Wulamba) social organization. *Am Anthropol* 57:105-6 F '55

Goodenough, W. H. Problem in Malayo-Polynesian social organization. *Am Anthropol* 57:82-3 F '55

Oliver, D. Ethnographer's method for formulating descriptions of social structure. *Am Anthropol* 60:824-6 O '58

Wolf, E. R. Closed corporate peasant communities in Mesoamerica and central Java. *Sw J Anthropol* 13:14-18 Spring '57

See also

Indians—Political and social organization

Indians of North America—Kinship

Negroes in Africa—Political and social organization

SOCIAL participation

Verner, C. and Newberry, J. S. Nature of adult participation. *Adult Educ* 8:220-2 Summer '58

SOCIAL philosophy

See also

Social values

SOCIAL policy

Hazlitt, Henry. Free man's library; a descriptive and critical bibliography. Van Nostrand '56 176p

SOCIAL problems

Clinard, Marshall Barron. Sociology of deviant behavior [Kingsley Davis, consulting editor] Rinehart '57 incl bibliog annot

Frankfurt am Main. Universität. Institut für wirtschaftswissenschaft. Bibliographie zur sozialen reform; bearb. von Inge Witting. The institute '55 104p

Horton, Paul B. and Leslie, Gerald Ronell. Sociology of social problems. (Appleton-Century-Crofts sociology ser) Appleton '55 incl bibliog

Lee, Elizabeth (Briant) and Lee, Alfred McClung. Social problems in America; a source book. rev ed Holt '55 incl bibliog

Smith, Thomas Lynn, and others. Social problems. Crowell '55 incl bibliog annot

See also

Child labor

Cost and standard of living

Crime and criminals

Divorce

Drug habit

Eugenics

Family

Handicapped

Housing

Immigration and emigration

Insurance, Social

Juvenile delinquency

Labor and laboring classes

Liquor problem

Marriage

Poor

Public health

Race problems

Recreation

Social surveys

Sociology, Mohammedan

Suicide

Woman—Employment

Woman—Social and moral questions

Youth

Fiction

Porterfield, Austin Larimore. Mirror, mirror; on seeing yourself in books. Leo Polishman foundation '57 p 169-272 annot

SOCIAL psychiatry

American psychiatric association. Social aspects of psychiatry; ed by Benjamin Pasamanick and Peter H. Knapp; scientific papers and discussions of a regional research conference held Feb. 24-25, 1958, Columbus, Ohio, under the joint auspices of the Dept. of psychiatry, School of medicine, the Ohio state univ. and the Association's com. on research, 1957-58. (Psychiatric research reps, 10) The association '58 incl bibliog

Eliasberg, Wladimir. Psychotherapy and society; psychotherapy for the many and the few. Philosophical lib. '59 p204-16

SOCIAL psychology

Albert, R. S. Rôle of the critic in mass communications. *J Social Psychol* 48:273-4 N '58

Argyle, Michael. Scientific study of social behavior. Philosophical lib. '57 p204-27

Bergén, A. von, and Koekebakker, J. Group cohesiveness in laboratory experiments. *Acta Psychol* 16 no2:96-8 '59

Bondy, Curt, and Riegel, Klaus. Social psychology in Western Germany. Reference dept, U.S. Lib. of Congress '56 84p annot

Brim, O. G. Parent-child relation as a social system. *Child Develop* 28:360-4 S '57

Campbell, D. T. Factors relevant to the validity of experiments in social settings. *Psychol Bul* 54:311-12 JI '57

Cardino, J. A. Bain as a social psychologist. *Australian J Psychol* 8:75-6 Je '56

Carlsson, Gösta. Socialpsykologisk metod. Bonnier '54 p 111-13

Clausen, John A. Sociology and the field of mental health. Russell Sage '56 p53-62

Dahrendorf, R. Industrielle fertigkeiten und soziale schichtung. *Köln Z Soziol & Sozialpsychol* 8 no 4:565-8 '56

Ex, Jacques. Situatie-analyse en sociaal-psychologisch experiment. Situation analysis and social-psychological experiment; with a summary in English, French and German. Brand '57 p 117-30

SOCIAL psychology—Continued

- Ferracuti, F. Fondamenti psicologici dei sondaggi tra i consumatori. *Bol Psicol & Sociol App* no25/30:42-4 F '58
- Fishman, J. A. Examination of the process and function of social stereotyping. *J Social Psychol* 43:60-4 F '56
- French, J. R. P. Formal theory of social power. *Psychol R* 63:193-4 My '56
- Giles, Hermann Harry. Education and human motivation. *Philosophical lib.* '57 p 101-8
- Gregory, W. E. Orthodoxy of the authoritarian personality. *J Social Psychol* 45:231-2 My '57
- Grygier, Tadeusz. Oppression; a study in social and criminal psychology; foreword by Hermann Mannheim. (Int. lib. of sociology and social reconstruction) Routledge '54 p299-341
- International sociological association. Nature of conflict; studies on the sociological aspects of int. tensions; in collaboration with Jessie Bernard [and others] (Tensions and technology ser) UNESCO '57 p225-310 annot
- Israel, Joachim. Self-evaluation and rejection in groups; 3 experimental studies and a conceptual outline. (Stockholm studies in sociology, 1) Almqvist '56 p240-5
- Jahoda, Marie, and others. Research methods in social relations; rev. one-vol. ed [by Claire Seltitz and others] Holt '59 p589-606
- Levinson, D. J. Role, personality, and social structure in the organizational setting. *J Abnorm & Social Psychol* 53:179-80 Mr '59
- Lindesmith, Alfred Ray, and Strauss, Anselm Leonhard. Social psychology. rev ed Dryden '56 incl bibliog annot
- Logan, Frank A. and others. Behavior theory and social science. Yale univ. press '55 p 175-85
- Montagu, Ashley. Direction of human development; biological and social bases. Harper '55 p349-86
- Opler, Marvin Kaufmann. Culture, psychiatry, and human values; the methods and values of special psychiatry; with a foreword by Thomas A. C. Rennie. (Am. lecture ser, pub. no287) Thomas '56 p219-28
- Raven, B. H. Social influence on opinions and the communication of related content. *J Abnorm & Social Psychol* 53:128 Ja '59
- Referate über die neuerscheinungen der psychologischen literatur Deutschlands, Österreichs und der Schweiz. See numbers of Psychologische rundschau
- Sargent, Stephen Stansfeld. Social psychology; an introd. to the study of human relations; 2d ed [by] the auth [and] Robert C. Williamson. Ronald '58 incl bibliog annot
- Sherif, Muzafer, and Sherif, Carolyn W. Outline of social psychology; with a new introd. by Gardner Murphy. rev ed Harper '56 incl bibliog
- Slotkin, J. S. Culture and psychopathology. *J Abnorm & Social Psychol* 51:274-5 S '55
- Stagner, Ross. Psychology of industrial conflict. Wiley '56 p515-39
- Straus, Murray A. Direct, indirect and disguised measurement in rural sociology. (Technical bul. 26) Wash. agricultural experiment station, State college of Wash. '57 p21-7
- Webb, S. C. Scaling of attitudes by the method of equal-appearing intervals. *J Social Psychol* 42:236-9 N '55
- Young, Kimball. Social psychology. 3d ed Appleton '56 incl bibliog annot

See also

- Adjustment, Social
Attitudes
Crowds
Empathy
Ethnopsychology
Interpersonal relations
Morale
Social psychiatry
Stereotype (psychology)

SOCIAL reform

See also

- Social problems

SOCIAL research

- American sociological society. New York. Current sociological research, 1953[1959] a listing of research in progress as reported by members of the Society. The society '53-'59 7v
- Foote, Nelson N. and Cottrell, Leonard Slater. Identity and interpersonal competence; a new direction in family research. Univ. of Chicago press '55 p227-97

- Groenman, Sjoerd. Methoden der sociografie; een inleiding tot de practijk van het sociale onderzoek in Nederland. 2d enl ed (Bouwstenen voor de kennis der maatschappij, 1) Van Gorcum '53 incl bibliog
- Hanson, R. C. Evidence and procedure characteristics of reliable propositions in social science. *Am J Sociol* 63:363-70 Ja '58
- Klapper, J. T. What we know about the effects of mass communications; the brink of hope. *Pub Opinion Q* 21:471-4 Winter '57-'58
- Mangus, A. R. Perspectives for social science research in mental health. *Rural Sociol* 21:22-4 Mr '56

- Ohio. State university. Personnel research board. IBM techniques in social science research by William E. Jaynes. Ohio state univ. research foundation '53 incl bibliog
- Patal, Raphael, ed. Current Jewish social research. Theodor Herzl foundation '58 102p annot

See also

- Sociometry

Methodology

- Lazarsfeld, Paul Felix, and Rosenberg, Morris, eds. Language of social research; a reader in the methodology of social research. Free press '55 incl bibliog annot
- Tremblay, M. A. Key informant technique; a nonethnographic application. *Am Anthrop* 59:699-701 Ag '57

SOCIAL sciences

- Annals of the social sciences; a bibliog. survey, 1401-1918; prepared under the supervision of Zenya Takashima; ed. by Hideo Yamada; v 1, 1401-1750. Dobunkan co. '57 560p
- Arnade, C. W. Selected bibliography of Bolivian social sciences. *R Interam Bibliog* 8:256-65 Jl '58 annot
- Australian social science abstracts. Australian nat. research council, Com. on research in the social sciences. See numbers
- Beardsley, Seymour Willis, and Edgell, Alvin George. Human relations in international affairs; a guide to significant interpretation and research. Public affairs press '56 39p annot
- Bellamy, Raymond F. and others. Preface to the social sciences. McGraw '56 incl bibliog
- Bibliografia brasileira de ciencias sociais, 1954 [-1957] (V 1-4) Instituto brasileiro de bibliografia e documentação '55-'58? 4v
- Bibliography of the humanistic studies and social relations, 1952[-1957] (No 1-5) Higher education & science bur, Japan. Ministry of education '55-'59 5v
- Bordeaux. Chambre de commerce. Bibliothèque. Catalogue de la bibliothèque. The library '55 644p
- Tables alphabétiques par noms d'auteurs et par matières. The library '55 244, 46p
- California state central committee on social studies. Building curriculum in social studies for the public schools of California; progress rep. of the Committee. (Bul. v26, no4) Calif. State dept. of education '57 p85-103 annot
- Chase, Stuart. Proper study of mankind; in consultation with Edmund deS. Brunner. rev ed Harper '56 p309-20
- Clarke, Jack Alden. Research materials in the social sciences. Univ. of Wis. press '59 42p annot
- Colombia. Departamento de contraloría. Biblioteca. Catálogo de la sección Autores. The library '55 47p
- Columbia university. Teachers college. Citizenship education project. Resources for citizenship; a guide to the sel. of teaching materials. The college '55 328p
- Council of state governments. Legislative research checklist. The council. See numbers
- Dain, N. E. Documentation in the social sciences. *Librarian* 46:108+ Je '57
- DeGré, Gerard L. Science as a social institution; an introd. to the sociology of sciences. (Doubleday short studies in sociology, no 11) Doubleday '55 p46-7 annot
- Ellwein, Thomas, and Nagy, Oswald von. Kleine bücherkunde für die politische bildung. Juventa-verlag '56 134p
- Same. 2d rev ed Juventa-verlag '57 140p
- Hamilton, D. W. Social studies materials from state departments of education. *Social Educ* 23:65-8 F '59

SOCIAL sciences—Continued

- Hanover. Stadtbibliothek. Recht, staat, wirtschaft; ein verzeichnis von büchern und aufsatzen. The library '54 174p
- Harlow, Rex Francis. Social science in public relations; a survey and an analysis of social science literature bearing upon the practice of public relations. (Social science reporter's research ser, survey no3) Harper '57 incl bibliog
- Heyse, T. Bibliographie et sociologie. Archives Bibl & Mus 30 no1:46-61 '59
- International committee for social sciences documentation. Bibliography on the problem of change of scale in the social sciences; classified and annot. by Jean Meynaud. The council '57 46p
- Literatur-verzeichnis der politischen wissenschaften, 1952[-1958] Hochschule für politische wissenschaften München '52-'58 7v
- London. University. London school of economics and political science. British library of political and economic science. London bibliography of the social sciences, 1950-1955. (V10) The school '58 1099p
- Merritt, Eleanor. Sources of elementary school social studies materials. (Instructional materials bul. Bibliog, no 1) Curriculum laboratory, Iowa state teachers college '57 13p
- New York. State library, Albany. Checklist of books and pamphlets in the social sciences; incl. anthropology, economics, philosophy, political science, psychology, welfare, but not incl. education, history and law. The library '56 142p
- Supplement, April 1955-December 1958. The library '59 42p
- Pamuntjak, R. Regional bibliography of social science publications: Indonesia. Nat. bibliog. centre, Ministry of education & culture, Republic of Indonesia '55 65p
- Polska akademia nauk. Quarterly review of scientific publications; serA: Social sciences. Ossolineum. See numbers
- Psychoanalysis and the social sciences. (V5) Int. univ. press '58 incl bibliog
- Public affairs information service. Bulletin. The service. See numbers
- Rand corporation. Selected list of unclassified publications of the Social science div, 1948-1956. (Research memorandum, RM-1403-2) The corporation '56 vp
- Rosen, G. and Wellin, E. Bookshelf on the social sciences and public health. Am J Public Health 49:441-54 Ap '59
- Ross, Ralph Gilbert, and Van den Haag, Ernest. Fabric of society; an introd. to the social sciences. Harcourt '57 p753-8
- Sennholz, Mary Homan. About some important libertarian books and their authors (brief reviews and biographical information) Foundation for economic education '54 np
- Smith, Marion Bush, and Daugherty, Carroll R. Survey of social science. 4th ed Houghton '56 incl bibliog
- Social science research council of Australia. Bibliography of research in the social sciences in Australia, 1954-1957. The council '58 51p
- South Asia social science bibliography, 1952[-1958] (No 1-7) Research centre on the social implications of industrialization in Southern Asia, UNESCO '54-'59 7v
- Spain. Ministerio de trabajo. Sección de estudios y biblioteca. Información bibliográfica: obras de carácter social existentes en la Sección [por] Julio Sempere Olivares; prólogo de D. León Martín-Granizo. Servicio de estudios y formación social '56 1113p
- United Nations educational, scientific, and cultural organization. UNESCO publications: social sciences. UNESCO '54 15p
- United States. Superintendent of documents. Political science. (Price list 54, 37th ed) U.S. Gov. ptg. office '57 26p
- White, Carl Milton, and others. Sources of information in the social sciences; an annot. bibliography; the basic list used in LS 119 and LS 219. School of lib. service, Columbia university. Columbia univ. bk. store '59 130p
- See also
Economics
History
Political science
Power (social sciences)
Sociology

Bibliography

- Fellows, E. W. Current bibliographic services in the social sciences. Am Doc 8:153-67 JI '57 annot

Frykholm, Lars. Översikt över samhällsvetenskapliga bibliografiska hjälpmedel. Bibliographical aids of social sciences; a survey. Übersicht der bibliographischen hilfsmittel der sozialwissenschaften. prel upplaga The author '55 144p

Methodology

- Albert, H. Entmythologisierung der sozialwissenschaften. Kölner Z Soziol & Sozialpsychol 8 no2:265-71 '56
- Luski, Margaret Elizabeth (Butler) Barron. Interdisciplinary team research methods and problems. (Nat. training laboratories. Research training ser, no3) N.Y. univ. press '58 p305-41 annot
- Scheuch, E. K., and Rüschemeyer, D. Soziologie und statistik. Kölner Z Soziol & Sozialpsychol 8 no2:288-91 '56

Periodicals

- Pan American union. Directorio de publicaciones periódicas en el campo de ciencias sociales; pt 1, América latina. (Directorios, 3) The union '55 83p
- Portugal. Instituto de alta cultura. Centro de documentação científica. Publicações periódicas estrangeiras inventariadas nas bibliotecas portuguesas. Ciências sociais. The center '56 519p
- United Nations educational, scientific and cultural organization. Liste mondiale des périodiques spécialisés dans les sciences sociales. World list of social science periodicals. (Documentation in the social sciences) UNESCO '53 161p annot
- Same. 2d ed rev & enl (Documentation in the social sciences) UNESCO '57 210p annot

Research in progress

- National institute of economic and social research, London. Register of research in the social sciences in progress and in plan, 1955[-1956/7] (No 12-13) Cambridge '55-'56 2v annot

Study and teaching

- Fersh, George L. ed. Problems approach and the social studies. (Curriculum ser, no9) Nat. council for the social studies '55 p 110-15
- Hunt, Maurice P. and Metcalf, Lawrence Eugene. Teaching high school social studies; problems in reflective thinking and social understanding. (Harper's ser. on teaching) Harper '55 incl bibliog annot
- Jarolimek, John. Social studies in elementary education. Macmillan '59 incl bibliog
- McLendon, J. C. Significant trends in the social studies curriculum, 1952-1955. Social Educ 21:215-16 My '57
- Miel, Alice, and Brogan, Peggy. More than social studies; a view of social learning in the elementary school. Prentice-Hall '57 p429-31
- Morse, Horace T. and McCune, George H. Selected items for the testing of study skills and critical thinking. 3d ed (Bul. no 15) Nat. council for the social studies '57 75-80
- New York (city). Board of education. Social studies, grades 3-4. (Curriculum bul. 1957-58 ser, no6) The board '58 p68-72 annot
- Preston, Ralph Clausius. Teaching social studies in the elementary schools, rev ed (Rinehart bks. in elementary education) Rinehart '58 incl bibliog
- Randolph, Victor R. and Samford, Clarence D. Teaching elementary school social studies. Brown '57 incl bibliog
- Spieseke, Alice Winifred. Social studies curriculum and methods; a bibliog. of Nat. council for the social studies publications. Nat. council for the social studies '55 56p
- Tiegs, Ernest Walter, and Adams, Fay (Greene). Teaching the social studies; a guide to better citizenship; bibliogs. chapter-end exercises, and unit adaptations by Donald E. Wilson. Ginn '59 incl bibliog annot
- Wesley, Edgar Bruce. Teaching social studies in high schools; 4th ed (by the auth. and) Stanley P. Wronski. Heath '58 incl bibliog

Textbooks

- Bibliography of textbooks in the social studies, 1954-1955[-1958-1959] Social Educ 19:366-8; 20:375-7; 21:365-70; 22:395-400; 23:384-91 D '55, D '56, D '57, D '58, D '59

SOCIAL scientists

Angel, Juvenal Londoño. Careers in the social sciences. (Modern vocational trends career monographs, v6, no57) World trade '58 p24-6

Ralya, Lynn L. and Ralya, Lillian L. Guide to vocations in the social sciences. The authors '57 p5-6, 16-18, 21

SOCIAL security. See Social and economic security**SOCIAL service.** See Social work**SOCIAL settlements**

Brown, Susan Jenkins. Helen Hall settlement papers; a descriptive bibliog. of community studies and other reps, 1923-1958; comp. for the Community studies dept. of Henry Street settlement, N.Y. School of social work, Columbia univ. '58 20p annot

SOCIAL statistics

Scheuch, E. K. and Rüschemeyer, D. Soziologie und statistik. Kölner Z Soziol & Sozialpsychol 8 no2:288-91 '56

Zelditch, Morris. Basic course in sociological statistics; a textbook and workbook combined. Holt '59 p353-6

SOCIAL status

Rogers, L. Edna. Measurement of status relations in a hospital. (Bul. v 28, no3) Engineering experiment station, Ohio state univ. '59 p47-9

See also

SOCIAL children—Social and economic status**SOCIAL surveys**

California. Bureau of elementary education. General business in the education of young adolescents; comp. by Lloyd E. Bevans and Bernardini, Bell. (Bul. v24, no7) Calif. Dept. of education '55 p62-85

Moser, Claus Adolf. Survey methods in social investigation. (Heinemann bks. on sociology) Macmillan '58 p321-35

Pearsall, Marion. Little Smoky ridge; the natural history of a southern Appalachian neighborhood. Univ. of Ala. press '59 p 191-205

Shevsky, Eshref, and Bell, Wendell. Social area analysis; theory, illustrative application and computational procedures. (Stanford sociological ser, no 1) Stanford univ. press '55 p69-70

Tryon, Robert Choate. Identification of social areas by cluster analysis; a general method with application to the San Francisco Bay area. (Calif. Univ. Pubs. in psychology, v8, no 1) Univ. of Calif. press '55 p98-9

Warren, Roland Leslie. Studying your community. Russell Sage '55 incl bibliog annot

Yang, Hsin-pao. Fact-finding with rural people; a guide to effective social survey. (FAO agricultural development paper no52) Food & agriculture organization of the United nations '55 p 107-38

See also

Occupational mobility**SOCIAL values**

Albert, E. M. Classification of values: a method and illustration. Am Anthropol 58: 245-8 Ap '56

Kluckhohn, C. Evolution of contemporary American values. Daedalus 87:107-9 Spring '58

SOCIAL welfare

New York school of social work. U.S. government publications in social welfare; a sel. list. Council on social work education '54 87p annot

Selected bibliography on the organization and administration of social services. Int Social Serv R no3:59-63 O '57

Tyler, Poyntz, ed. Social welfare in the United States. (Reference shelf, v27, no3) Wilson '55 p200-9

See also

Child welfare**Community organization****Social work****SOCIAL work**

Abstracts of theses, Smith college. School for social work, 1955[-1959] Smith Coll Stud Social Work 26:53-101; 27:115-64; 28: 59-103; 29:108-42; 30:73-124 F '56, F, O '57, F, O '59

Austria. Bundesministerium für soziale verwaltung. Sozialbibliothek. Katalog der Sozialbibliothek im Bundesministerium für soziale verwaltung; stand: 31. Dez. 1952. The library '53 274p

Colorado. Department of public welfare. Library. Social casework. (Lib. counselor, v 13, no4) The library '58 63p annot

Council on social work education. Committee on corrections. Casebook in correctional casework. The council '58 p63-6

Council on social work education. Committee on international social welfare education. Selected bibliography of North American social welfare literature. The council '58 66p

Doctoral dissertations in social work, July 1, 1954, through June 30, 1955[-July 1, 1958 through June 30, 1959] Social Serv R 29: 306-8; 30:358-61; 31:333-42; 32:303-10; 33:308-19 S '55, S '56, S '57, S '58, S '59

Eichholz, Günther Paul. Überblick über die forschungen auf dem gebiet der sozialarbeit in Deutschland. Triltsch '57 47p

Family casework in the interest of children. Social Casework 39:179-82 F '58

Fink, Arthur Emil, and others. Field of social work. 3d ed Holt '55 incl bibliog

Friedlander, Walter A. ed. Concepts and methods of social work. (Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog

Hillmann, Arthur. Sociology and social work. Annals of Am. sociology '56 p71-2

Joint university council for social studies and public administration. Bibliography of social work and administration; a classified list of articles from sel. British periodicals, 1930-1952; comp. by F. M. Birkett. The council '54 117p

—1st[-5th supplement, 1952 and 1953 [-1957] The council '54-'58 5v

Konopka, Gisela. Eduard C. Lindeman and social work philosophy. Univ. of Minn. press '58 p205-15

Lutz, Werner A. Concepts and principles underlying social casework practice. (Social work practice in medical care and rehabilitation settings. Monograph 3) Medical school work sec. Nat. assn. of social workers '56 p 107-8

Morris, Cherry, ed. Social case-work in Great Britain. 2d ed Whiteside '55 incl bibliog

Perlman, Helen Harris. Social casework; a problem-solving process. Univ. of Chicago press '57 p241-59 annot

Rich, Margaret Elden. Belief in people; a history of family social work. Family service '56 incl bibliog

Social work year book, 1957; a description of organized activities in social work and in related fields. (V 13) Nat. assn. of social workers '57 incl bibliog

See also

Social agencies**Visiting housekeepers****Marriage counseling****Group work**

See Group work

History

Cohen, Nathan Edward. Social work in the American tradition. (Dryden press bk) Holt '58 p373-86

Research

Greenwood, E. Social work research: the role of the schools. Social Serv R 32:165-6 Je '58

National association of social workers. Use of judgments as data in social work research; proceedings of a conference held by the Research sec. of the Association, June 8-13, 1958. The association '59 incl bibliog

Proceedings of the Conference on research in the children's field, Chicago, Illinois, April 4-7, 1956. Social Serv R 30:349-57 S '56

Seaman, Richard M. ed. Social work research. Univ. of Iowa '54 2 v v 2, 7p at end

Work in schools

National association of social workers. School social work section. Committee on practice. School social work practice; proceedings of the workshop held at Lake Forest acad, Lake Forest, Ill. July 1-6, 1956; ed. by Virginia Quattlebaum. The association '58 p42-8

Pearman, Jean Richardson, and Burrows, Albert Henry. Social services in the school; introd. by William E. Martin. Public affairs press '55 incl bibliog

SOCIAL work, Medical. See Medical social service

SOCIAL work, Psychiatric

Abstracts. See numbers of British journal of psychiatric social work

American association of psychiatric social workers. Better social services for mentally ill patients; proceedings of the inst. on social work in psychiatric hospitals, Lake Forest acad. Lake Forest, Ill, June 12-18, 1954; Ruth I. Knee, editor. The association '55 p82-3

Whitehouse, Frederick A. ed. Teamwork: philosophy and principles. Staff study of collaborative effort: principles of collaboration [by] Miriam G. Collier. (Social work, practice in medical care and rehabilitation settings. Monograph 2) Am. assn. of medical social workers '55 p28-9

SOCIAL work, Rural

United States. Foreign operations administration. Community development division. Selected bibliography on community development. The division '55 22p

SOCIAL workers

Albee, G. W. and Dickey, M. Manpower trends in three mental health professions. Am Psychologist 12:69-70 F '57

Angel, Juvenal. Londono. Careers in social work. (Monograph no33) World trade acad. press '56 p44-6

National social welfare assembly. Committee on personnel. Social work as a career; a bibliog. of recruiting material for social work positions. rev ed The committee '58 9p

Training

Blackey, Eileen A. Group leadership in staff training. (U.S. Children's bur. Pub. no361; Rep. no29) U.S. Bur. of public assistance '57 p 177-82

Selected bibliography on training for social welfare. Int Social Serv R no4:46-52 S '58

SOCIALISM

Clarke, Jack Alden. Guide to the literature of European socialism. (Occasional contribution no91) Lib. Univ. of Ky. '57 12p annot

Ebenstein, William. Today's isms; communism, fascism, capitalism, 2d ed Prentice-Hall '58 incl bibliog

Germany (Democratic Republic, 1949-) Bibliographie zur theorie und praxis der sozialistischen wirtschaft [bearb. von einem kollektiv der Berliner stadtbibliothek unter leitung von Erich Kürschner] Verlag für buch- & bibliothekswesen '55 104p

Morf, Otto. Das verhältnis von wirtschaftstheorie und wirtschaftsgeschichte bei Karl Marx. (Staatswissenschaftliche studien, new ser, v 11) Francke '51 p 125-33

Prague. Universita Karlova. Knihovna. Politická ekonomie a její problémy po XX. sjezdu KSSS a Celostátní konferenci KSČ; sest. Vilém Nový. (Čtème a studujeme, 1956, no 12) The university '56 11p

See also

Collective settlements

Communism

Communitistic settlements

Dialectical materialism

Government ownership

International, Second

Labor and laboring classes

National socialism

Utopias

History

Cole, George Douglas Howard. Communism and social democracy, 1914-1931. (History of socialist thought, v4) St Martins '58 2v v2, p897-917

Drachkovitch, Milorad M. De Karl Marx à Léon Blum; la crise de la social-démocratie; préf. de Hendrik Brugmans. (Etudes d'histoire économique, politique et sociale, 7) Droz '54 p 167-71

Periodicals

International committee of historical sciences. Commission d'histoire des mouvements sociaux. La Première internationale; périodiques (1862-1877) une bibliog. provisoire. The committee '56 np

France

Noland, Aaron. Founding of the French socialist party, 1893-1905. (Harvard historical monographs, 29) Harvard univ. press '56 p209-25 annot

Germany

Cieślak, Tadeusz. Bismarkowska, ustawa antysocjalistyczna z dnia 21 października 1878 r.; studium historyczno-prawne. (Towarzystwo naukowe w Toruniu. Roczniki, v56, 1951, no2) Nakł. tow. naukowego '52 p 153-9

Great Britain

Reid, J. H. Stewart. Origins of the British labour party. Univ. of Minn. press '55 p243-51

See also

Labor party (Great Britain)

India

Fisher, Margaret Welpley, and Bondurant, Joan Valérie. Indian approaches to a socialist society. (Ind. press digests. Monograph ser, no2) Inst. of int. studies, Univ. of Calif. '56 p xxxvii-xliii

Italy**Periodicals**

Ente per la storia del socialismo e del movimento operaio italiano. Bibliografia del socialismo e del movimento operaio italiano; v 1. Periodici tratti dalle raccolte della Biblioteca nazionale di Firenze; a cura di R. Cullini e L. B. Manetti. Ed. Esmoi '56 2v annot

Netherlands

Amsterdam. Ferdinand Domela Nieuwenhuisfonds. Ferdinand Domela Nieuwenhuis archief; inventaris. The fund '56 79p

Peru

Benayas, Juan. Los mitos comunistas, socialistas y colectivistas del Perú prehispánico. The author '51 p 152-7

Russia**History**

Halmson, Leopold H. Russian Marxists & the origins of bolshevism. (Harvard univ. Russian research center. Studies, 19) Harvard univ. press '55 p235-40 annot

SOCIALISM, Christian**See also**

Sociology, Christian

SOCIALISM and Catholic church

Harte, Thomas Joseph. Papal social principles; a guide and digest. Bruce pub. '56 p 193-6

SOCIALIST party (United States)

Shannon, David A. Socialist party of America; a history. Macmillan '55 p269-73 annot

SOCIALIZED medicine. See Medical service, State**SOCIETIES****See also**

Engineering societies

Scientific societies

Secret societies

SOCIETY, Primitive

Chang, K. C. Study of the neolithic social grouping; examples from the New World. Am Anthropol 60:325-34 Ap '58

Eisenstadt, S. N. Primitive political systems: a preliminary comparative analysis. Am Anthropol 61:218-20 Ap '59

Titiev, M. Importance of space in primitive kinship. Am Anthropol 58:864-5 O '56

Winifred, M. Leadership in pre-European Maori society. Polynesian Soc J 65:230-1 S '56

See also

Art, Primitive

Economics, Primitive

Indians—Political and social organization

Indians of Central America—Culture

Man Prehistoric

Nomads

Religion, Primitive

Taboo

SOCIETY and law. See Law and society**SOCIETY of Jesus. See Jesuits****SOCIODRAMA**

Hoover, H. Sociodrama as a teaching method in child development and family living. J Home Econ 47:251 Ap '55

SOCIOLOGY

Allen, Francis Robbins, and others. Technology and social change. (Appleton-Century-Crofts sociology ser) Appleton '57 incl bibliog annot

SOCIOLOGY—Continued

- American sociological society. *Sociology today: problems and prospects*; ed. by Robert King Merton [and others]. Basic bks. '59 incl bibliog
- Aron, Raymond. *German sociology*; tr. by Mary and Thomas Bottomore. Free press '57 p 135-41
- Becker, Howard, and Boskoff, Alvin, eds. *Modern sociological theory in continuity and change*; with contributions by Franz Adler [and others] Dryden '57 incl bibliog
- Biesanz, John Berry, and Biesanz, Mavis (Hiltunen). *Modern society: an introd. to social science* [contributing auths: Henry Bush and others] 2d ed (Prentice-Hall sociology ser) Prentice-Hall '59 p669-80 annot
- Brown, Francis James. *Sociology; with application to nursing and health education*. (Prentice-Hall sociology ser) Prentice-Hall '57 incl bibliog annot
- Carr, Lowell Juilliard. *Analytical sociology; social situations and social problems*. 2d ed (Harper's social science ser) Harper '55 p763-71
- Cuber, John Frank. *Sociology; a synopsis of principles*. 3d ed (Appleton-Century-Crofts sociology ser) Appleton '55 incl bibliog annot
- Same. 4th ed (Appleton-Century-Crofts sociology ser) Appleton '59 incl bibliog annot
- Current sociology; int. bibliog. of sociology. UNESCO. See numbers
- Doctoral dissertations in progress, 1954[-1958] *Am J Sociol* 61:70-7; 62:83-93; 63:92-100; 64:74-84; 65:91-9 *Jl* '55, *Jl* '56, *Jl* '57, *Jl* '58, *Jl* '59
- Faris, Robert E. Lee. *Social disorganization*. 2d ed Ronald '55 incl bibliog
- Fichter, Joseph Henry. *Sociology*. Univ. of Chicago press '57 incl bibliog
- Freedman, Ronald, and others. *Principles of sociology; a text with readings*. rev ed Holt '56 incl bibliog annot
- Gittler, Joseph Bertram, ed. *Review of sociology; analysis of a decade* [by Robert F. Bales and others] Wiley '57 incl bibliog annot
- Green, Arnold Wilfred. *Sociology; an analysis of life in modern society*. 2d ed McGraw '56 incl bibliog
- Haesaert, Jean Polydore. *Sociologie générale*. Eds. Erasme '56 p479-99
- Higher degrees in sociology conferred in 1954[-1958] *Am J Sociol* 61:55-69; 62:68-82; 63:80-91; 64:62-73; 65:77-90 *Jl* '55, *Jl* '56, *Jl* '57, *Jl* '58, *Jl* '59
- Hofstadter, Richard. *Social Darwinism in American thought*. rev ed Braziller '59 p205-16
- International bibliography of sociology, works published in 1955[-1957] (V5-7) UNESCO '57-'59 3v
- Knox, John Ballenger. *Sociology of industrial relations; an introd. to industrial sociology*. Random house '55 incl bibliog annot
- König, R. *Deutsche soziologie im jahre 1955*. *Kölner Z Soziol & Sozialpsychol* 8 no 1:1-11 '56
- Landis, Paul Henry. *Introductory sociology*. Ronald '58 incl bibliog
- Literaturbesprechungen. See numbers of *Kölner zeitschrift für soziologie und sozialpsychologie*
- Lundberg, George Andrew, and others. *Sociology*. rev ed (Harper's social science ser) Harper '58 incl bibliog
- Mannheim, Karl. *Systematic sociology; an introd. to the study of society*; ed. by J. S. Frös and W. A. Stewart. Philosophical lib. '58 p 147-64
- Mercer, Blaine E. *Introduction to the study of society under the general editorship of Robert K. Merton*. Harcourt '58 incl bibliog
- Merrill, Francis Ellsworth, and Eldredge, Hanford Wentworth. *Society and culture; an introd. to sociology*. rev ed (Prentice-Hall sociology ser) Prentice-Hall '57 incl bibliog annot
- Ogburn, William Fielding, and Nimkoff, Meyer Francis. *Sociology*. 3d ed Houghton '58 incl bibliog annot
- Park, Robert Ezra. *Society; collective behavior, news and opinion, sociology and modern society*. (His Coll. papers, v3) Free press '55 p343-4
- Rose, Arnold Marshall. *Sociology; the study of human relations*. Knopf '56 p578-89 annot
- Ross, Eva Jeany. *Basic sociology*. rev & enl ed Bruce pub. '58 p435-74
- Rouček, Joseph Slabey, ed. *Contemporary sociology*. Philosophical lib. '58 incl bibliog annot
- Rouček, Joseph Slabey and others. *Social control*. 2d ed Van Nostrand '56 incl bibliog annot
- Sellew, Gladys, and others. *Introduction to sociology*. (Harper's social science ser) Harper '58 incl bibliog
- Timasheff, Nicholas Sergeyevitch. *Sociological theory; its nature and growth*. (Doubleday pub. in sociology and anthropology) Doubleday '55 p305-10 annot
- Tönnies, Ferdinand. *Community & society* (Gemeinschaft und gesellschaft) tr. and ed. by Charles P. Loomis. Mich. state univ. press '57 p287-9
- United Nations educational, scientific and cultural organization. *Sociology in the United States of America: a trend report*; ed. by Hans L. Zetterberg. (Documentation in the social sciences) UNESCO '56 p 131-56
- Weinberg, Meyer, and Shabat, Oscar E. *Society and man*. (Prentice-Hall sociology ser) Prentice-Hall '56 incl bibliog annot
- Wicks, Rollo E. *Man and modern society*; foreword by L. L. Jarvie. McGraw '58 incl bibliog
- See also
- Cities and towns
 - Civilization
 - Class distinction
 - Communication
 - Communism
 - Community life
 - Country life
 - Crime and criminals
 - Crowds
 - Culture
 - Educational sociology
 - Ethnopsychology
 - Family
 - Groups (sociology)
 - Heredity
 - Human relations
 - Immigration and emigration
 - Labor and laboring classes
 - Law and society
 - Man—Influence of environment
 - Population
 - Race problems
 - Regionalism
 - Religion and sociology
 - Science—Social aspects
 - Slavery
 - Social anthropology
 - Social change
 - Social classes
 - Social conditions
 - Social ethics
 - Social history
 - Social problems
 - Social psychology
 - Social surveys
 - Social work
 - Sociatism
 - Society, Primitive
 - Woman
- History
- Vine, Margaret (Wilson). *Introduction to sociological theory*. Longmans '59 incl bibliog
- Mathematical models
- Karlsson, Georg. *Social mechanisms; studies in sociological theory*. Almqvist '58 p 146-52
- Methodology
- Davis, M. *French electoral sociology*. Pub Opinion Q 22:35-55 Spring '58
- Naroll, R. *Preliminary index of social development*. *Am Anthropol* 58:713-15 Ag '56
- Oliver, D. *Ethnographer's method for formulating descriptions of social structure*. *Am Anthropol* 60:824-6 O '58
- See also
- Sociometry
- SOCIOLOGY, Christian
- Carter, Paul A. *Decline and revival of the social gospel: social and political liberalism in American Protestant churches, 1920-1940*. Cornell univ. press '56 p251-60

SOCIOLOGY, Christian—Continued

- Chau, Pik Kum. Commonism; a plan for implementing the Christian answer to communism; with forewords by Hollington K. Tong and John W. Bailey; and a biographical sketch of the author by Charles R. Shepherd. Exposition '57 p249-53
- Fogarty, Michael Patrick. Christian democracy in western Europe, 1820-1953. (Notre Dame. Univ. Com. on int. relations. Int. studies) Univ. of Notre Dame press '57 p436-52
- Land, P. S. International bibliography on vocational order. Social Order 3:174-88 Ap '53 annot
- Rasmussen, Albert Terrill. Christian social ethics; exerting Christian influence. Prentice-Hall '56 incl bibliog
- See also
- Christianity and economics
- Church and labor
- Church and social problems
- Church work

SOCIOLOGY, Educational. See Educational sociology**SOCIOLOGY, Industrial**

- Boethius, Inga. Svenska företagssociologisk bibliografi, 1945-1955; en selektiv och resonerande bibliografi. (Svenska bibliotekarier-samfundet. Skriftserie, 4) Appelberg '58 21p
- Laftite, Paul. Social structure and personality in the factory. (Melbourne ser. of studies of social behaviour, 4) Macmillan '58 p224-5
- Vincent, Melvin James, and Mayers, Jackson. New foundations for industrial sociology. (Van Nostrand ser. in sociology) Van Nostrand '59 incl bibliog

SOCIOLOGY, Mohammedan

- Benedict, Burton. Short annotated bibliography relating to the sociology of Muslim peoples. Inst. of Islamic studies, McGill Univ. '55 115p
- Levy, Reuben. Social structure of Islam; being the 2d ed. of The sociology of Islam. Cambridge '57 p506-21

SOCIOLOGY, Rural

- Anderson, Walfred Albin. Bibliography of researches in rural sociology. (N.Y. Agricultural experiment station. Ithaca. Dept. of rural sociology. Rural sociology pub. 52) N.Y. State college of agriculture '57 186p
- Anderson, Walfred Albin. Bibliography of the Department of rural sociology, Cornell university. (Cornell Univ. Dept. of rural sociology. Mimeograph bul. no48) Agricultural experiment station '56 50p
- Bertrand, Alvin Lee, and others, eds. Rural sociology; an analysis of contemporary rural life. McGraw '53 incl bibliog
- Brunner, Edmund de Schweinitz. Growth of a science; a half-cent. of rural sociological research in the United States. Harper '57 p 157-65 annot
- Bulletin reviews. See numbers of Rural sociology
- Chiva, I. Rural communities; problems, methods and types of research. (Reps. and papers in the social sciences, no 10) UNESCO '58 incl bibliog annot
- Fals-Borda, Orlando. Peasant society in the Colombian Andes: a sociological study of Saucio. Univ. of Fla. press '55 p263-72
- Juillard, Etienne. La vie rurale dans la plaine de Basse-Alsace; essai de géographie sociale. (Inst. des hautes études alsaciennes. Pubs, v9) Le Roux '53 p551-71
- Manny, Elsie S. Rural community organization; sel. annot. references. (U.S. Dept. of agriculture. Misc. pub. no729) U.S. Gov. pte. office '56 124p
- Smith, Rockwell Carter. People, land, and churches. Friendship press '59 p 161-4
- Study of adult education in rural areas. Rural social systems and adult education; a com. rep. by Charles P. Loomis [and others] resulting from a study sponsored by the Assn. of land grant colleges and univs. and the Fund for adult education established by the Ford foundation. Mich. state college press '53 incl bibliog
- Yang, Hsin-pao. Fact-finding with rural people; a guide to effective social survey. FAO agricultural development paper no52) Food & agriculture organization of the United nations '55 p 107-38
- See also
- Country life
- Peasantry
- Villages

SOCIOLOGY and religion. See Religion and sociology**SOIOMETRY**

- Bjerstedt, Ake. Methodology of preferential sociometry; sel. trends and some contributions. (Sociometry monographs, no37) Beacon house '56 p 135-55
- Elkins, Deborah. Some factors related to the choice-status of ninety eighth-grade children in a school society. (In Genetic psychology monographs, v58. Journal press '58 p271-2)
- Gronlund, Norman Edward. Sociometry in the classroom. (Education for living ser) Harper '59 incl bibliog
- Jennings, Helen Hall. Sociometry in group relations; a manual for teachers. 2d ed Am. council on education '59 p 100-2
- Nehnevajsa, J. Bibliographie der soziometrie. Kölner Z Soziol & Sozialpsychol 7 no 1: 141-57 '55
- Mortensen, J. L. Adsorption of hydrolyzed polyacrylonitrile on kaolinite. Soil Sci Soc Am Proc 21:388, 23:201-2 Jl '57, My '59
- SOCRATES, 470?-399 B.C.
- Sauvage, Micheline, and Sauvage, Marie. Socrate et la conscience de l'homme. (Maîtres spirituels, 9) Ed. du Seuil '56 p 186-8
- SODDY, Frederick. 1877-1956
- Fleck, A. Frederick Soddy, 1877-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1957. The society '57 p213-16)

SODIUM

- Miller, Lewis E. Sodium in the upper atmosphere. (Air force surveys in geophysics, no43. Technical rep. 53-47) Atmospheric physics laboratory, Geophysics research directorate, Air force Cambridge research center '53 incl bibliog
- Sittig, Marshall. Sodium; its manufacture, properties and uses; with a chapter on the physical and thermodynamic properties of sodium, by George Wm. Thomson and Edward Garelis. (Am. chemical soc. Monograph ser, no 133) Reinhold '56 incl bibliog
- See also
- Plants. Effect of sodium on

SODIUM chloride. See Salt**SODIUM compounds**

- Benseker, R. A. and others. Metalations with organosodium compounds. Chem R 57:892-4 O '57

SODIUM fluoride

- Physiological effect
- Sundvall-Hagland, Irene. Sodium fluoride application to the deciduous dentition; a clinical study. (Sup 15) Acta odontologica scandinavica '55 p 125-31

SODIUM hyponitrite

- Frear, D. S. and Burrell, R. C. Assimilation of N^{15} -from labeled hyponitrite by soybean leaves. Plant Physiol 33:108-9 Mr '58

SODIUM metaphosphate

- Howells, D. H. Sodium metaphosphate glass in water treatment. Am Soc Civil Eng Proc 83 [SA 6 no 1464]:13-16 D '57

SODIUM phosphates

- See also
- Sodium metaphosphate

SODIUM silicates

- Sheffield, England. Free public libraries and museum. Science and technology library. Select bibliography on the CO_2 process. (Research bibliogs, new ser, no62) The library '56 4p

SOFTBALL

- Softball—track and field guide with official rules and standards. Jan. 1958-Jan. 1960; eds: Lois Youngen and Eleanor Mayer [Rev. softball bibliog. by Harriet Barnes; Rev. track and field bibliog. by Barbara Group] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p43-4

SOIL adsorption

- Lagerwerff, J. V. Comparable effects of adsorbed and dissolved cations on plant growth. Soil Sci 86:68-9 Ag '58

SOIL aeration

- Hammond, L. C. and others. Effects of oxygen and carbon dioxide levels upon adsorption of potassium by plants. Plant Physiol 30:160-1 Mr '55

SOIL aggregates. See Soil particles**SOIL analysis. See Soils—Analysis****SOIL bacteriology. See Soils—Bacteriology**

SOIL biology

- Farb, Peter. Living earth. Harper '59 p 169-73
 annot
 Kühnelt, Wilhelm. Biología del suelo; tr.
 de Elena Humbert. Consejo superior de
 investigaciones científicas '57 p229-60

See also

- Soil fauna
 Soil microorganisms

SOIL colloids

See also

- Soil adsorption

SOIL compaction

- Concepts, terms, definitions and methods
 measurement for soil compaction. *Ag Eng*
 39:176 Mr '58
 Raney, W. A. and others. Current status of
 research in soil compaction. *Soil Sci Soc*
Am Proc 19:428 O '55

SOIL conservation

- Archer, Sellers Gambrell. Soil conservation.
 Univ. of Okla. press '56 p287-97
 Butler, Mosher D. Conserving soil. Van
 Nostrand '55 incl bibliog
 Dale, Tom, and Carter, Vernon Gill. Topsoil
 and civilization. Univ. of Okla. press '55
 p255-8
 Harper, H. J. Fifty years of soil and water
 conservation research at the state level.
Soil Sci Soc Am Proc 22:364-6 JI '58
 Neal, Harry Edward. Nature's guardians;
 your career in conservation. Messner '56
 p 175-9

- Schwab, Glenn Orville, and others. Element-
 ary soil and water engineering. Wiley '57
 incl bibliog

- Stallings, James Henry. Soil conservation;
 foreword by R. B. Alderfer. (Prentice-
 Hall field crop production ser) Prentice-
 Hall '57 incl bibliog

See also

- Cover crops
 Soil fertility

SOIL cultivation. See Tillage**SOIL density**

- Lemos, P. and Lutz, J. F. Soil crusting and
 some factors affecting it. *Soil Sci Soc Am*
Proc 21:490-1 S '57

See also

- Soil compaction

SOIL erosion. See Erosion**SOIL fauna**

- Nottingham, England. University. Easter
 school in agricultural science. 2d, 1955.
 Soil zoology; proceedings of the Univer-
 sity; ed: D. Keith McE. Kevan. Academic
 press '55 incl bibliog

SOIL fertility

- Barley, K. P. and Jennings, A. C. Earth-
 worms and soil fertility. *Australian J Ag*
Res 10:369-70, 376 My '59
 Millar, Charles Ernest. Soil fertility. Wiley
 '55 incl bibliog

- Thompson, Mark J. Studies on soil fertility
 and crop rotation at the Northeast experi-
 ment station, Duluth, Minnesota, 1916-1952.
 (Technical bul. 220) Agricultural experi-
 ment station, Univ. of Minn. '57 p53-5

- Tisdale, Samuel, and Nelson, Werner L.
 Soil fertility and fertilizers. Macmillan '56
 incl bibliog

- Tyson, A. G. Studies on the fertility of
 Seddon soil (Kangaroo island, South Aus-
 tralia) *Australian J Ag Res* 6:421-2 My '55

See also

- Crops and soil
 Fertilizers and manures
 Legumes
 Nitrification
 Rotation of crops

SOIL formation

- Krebs, R. D. and Tedrow, J. C. F. Genesis
 of red-yellow podzolic and related soils
 in New Jersey. *Soil Sci* 85:36-7 Ja '58

- Loveday, J. Soils of the Sorell-Carlton-
 Copping area, south-east Tasmania, with
 special reference to the soils formed on
 basalt. (Soil pub. no8) Commonwealth sci-
 entific & industrial research organization
 '57 p59-61

- Olson, J. S. Rates of succession and soil
 changes on southern Lake Michigan sand
 dunes. *Bot Gaz* 119:169-70 Mr '58

SOIL fungi

- Brown, J. C. Soil fungi of some British
 sand dunes in relation to soil type and
 succession. *J Ecol* 46:661-3 N '58

- Campbell, W. P. Influence of associated
 microorganisms on the pathogenicity of
helminthosporium sativum. *Can J Bot* 34:
 873-4 N '56

- England, C. M. and Rice, E. L. Comparison
 of the soil fungi of a tall-grass prairie and
 of an abandoned field in central Oklahoma.
Bot Gaz 118:190 Mr '57

- Farrow, W. M. Tropical soil fungi. *Mycologia*
 46:645-6 S '54

- Gilman, Joseph Charles. Manual of soil
 fungi. rev 2d ed Iowa state college press
 '57 p405-18

- Miller, J. H. and others. Survey of the fungi
 of forest and cultivated soils of Georgia.
Mycologia 49:806-8 N '57

- Wilde, S. A. Mycorrhizal fungi: their dis-
 tribution and effect on tree growth. *Soil*
Sci 78:29-31 JI '54

- Wright, J. M. Production of antibiotics in
 soil. *Ann Ap Biol* 41:288-9 Je '54

See also

- Fungi, Saprophytic

SOIL insecticides

- Lichtenstein, E. P. and Schulz, K. R. Per-
 sistence of some chlorinated hydrocarbon
 insecticides as influenced by soil types,
 rate of application and temperature. *J*
Econ Entom 52:130-1 F '59
 Rodriguez, J. G. and others. Effects of soil
 insecticides on beans, soybeans, and cotton
 and resulting effect on mite nutrition.
J Econ Entom 50:592-3 O '57

SOIL mechanics

- Akroyd, Thomas Norman Westhead. Labora-
 tory testing in soil engineering. Soil me-
 chanics ltd. '57? p223-8

- Applied mechanics review. Am. soc. of me-
 chanical engineers. See numbers

- Bawa, K. S. Laterite soils and their engi-
 neering characteristics. *Am Soc Civil Eng*
 83 [SM 4 no 1428]:11-14 N '57

- Bishop, Alan Wilfred, and Henkel, David
 John. Measurement of soil properties in
 the triaxial test. Arnold '57 p 181-4

- Chemical grouting. *Am Soc Civil Eng Proc*
 83 [SM 4 no 1426]:87-104 N '57

- Cozzi, Florence Evelyn (Harden). Soil me-
 chanics photoelastic stress analysis; an ab-
 stract bibliography. (Bibliog ser, no27)
 Technical lib, Research & development
 laboratories, U.S. Quartermaster corps '53
 16p

- Duke, C. M. Effects of ground on destruct-
 iveness of large earthquakes. *Am Soc*
Civil Eng Proc 84 [SM 3 no 1730]:12-16
 Ag '58

- Fitzmaurice, Robert. Manual on stabilized
 soil construction for housing. Technical as-
 sistance programme, United nations '58
 p 118-21

- Glossary of terms and definitions in soil
 mechanics. *Am Soc Civil Eng Proc* 84
 [SM 4 no 1826]:41-3 O '58

- Harrison, W. Marginal zones of vanished
 glaciers reconstructed from the preconsoli-
 dation-pressure values of overridden silts.
J Geol 66:89-90 Ja '58

- Henry, F. D. C. Soil mechanics aspects of
 the design of foundations. *Engineering* 180:
 457 S '55

- Huntington, Whitney Clark. Earth pressures
 and retaining walls. Wiley '57 p511-14

- India. Central board of irrigation and power.
 Abstracts. The board. See numbers

- International conference on soil mechanics
 and foundation engineering. 3d, Zurich and
 Lausanne, 1953. Proceedings. Organizing
 com. '53-'54 incl bibliog

- Jumikis, Alfreds R. Frost penetration prob-
 lem in highway engineering. Rutgers univ.
 press '55 p 155-7

- Jumikis, A. R. Rupture surfaces in sand
 under oblique loads. *Am Soc Civil Eng Proc*
 82 [SM 1 no 861]:24-6 Ja '56

- Krynine, Dimitri Pavlovitch, and Judd, Wil-
 liam R. Principles of engineering geology
 and geotechnics; geology, soil and rock
 mechanics, and other earth sciences as used
 in civil engineering. (McGraw-Hill civil
 engineering ser) McGraw '57 incl bibliog

- Lambe, T. W. Physico-chemical properties
 of soils: role of soil technology. *Am Soc*
Civil Eng Proc 85 [SM2 no 2001]: 69-70 Ap
 '59

- MacFarlane, I. C. Review of the engineer-
 ing characteristics of peat. *Am Soc Civil*
Eng Proc 85 [SM 1 no 1937]:33-5 F '59

SOIL mechanics—Continued

- Meyerhof, G. G. Penetration tests and bearing capacity of cohesionless soils. *Am Soc Civil Eng Proc* 82 [SM 1 no 866]:10-12 Ja '56
- National research council. Highway research board. Analyses of soil foundation studies [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 173) The board '58 incl bibliog
- National research council. Highway research board. Committee on landslide investigations. Landslides and engineering practice; ed. by Edwin B. Eckel. (Special rep. 29) The board '58 incl bibliog
- National research council. Highway research board. Lime and lime-flyash soil stabilization [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 193) The board '58 incl bibliog
- National research council. Highway research board. Soil and soil-aggregate stabilization; a symposium; presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 108) The board '55 incl bibliog
- National research council. Highway research board. Soil density control methods [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 159) The board '57 p 129-35
- Petermann, Hans. *Schrifttum über bodenmechanik, bautechnische bodenkunde. (Forschungsarbeiten aus dem strassenwesen, new ser, v 10) Kirschbaum '53 526p*
- Petermann, Hans, and Börner, Werner. *Schrifttum über bodenmechanik. Bibliographie sur la mécanique des sols. (Forschungsarbeiten aus dem strassenwesen, new ser, v32) Kirschbaum '57 251p*
- Reynolds, Henry Raymond, and Protopapadakis, P. Practical problems in soil mechanics. 3d ed rev. Ungar '59 p219-20
- Rosenqvist, T. Physico-chemical properties of soils: soil-water systems. *Am Soc Civil Eng Proc* 85 [SM2 no 2000]:52-3 Ap '59
- United States. Bureau of yards and docks. Soil mechanics and earth structures. (Technical pub. Navdocks TP-Pw-18) The bureau '53 p 132-4
- United States. Department of the army. Army library. Soil compaction and stabilization; a sel. list of titles. (Special bibliog. no6) The library '56 42p
- Washburn, A. L. Classification of patterned ground and review of suggested origins. *Geol Soc Am Bul* 67:860-5 Jl '56
- See also
Soil physics
Soil stabilization
- SOIL microorganisms**
- Bell, G. R. Some morphological and biochemical characteristics of a soil bacterium which decomposes 2,4-dichlorophenoxyacetic acid. *Can J Microbiol* 3:838-40 O '57
- Benade, Wilhelm. *Mikrobiologie der moore. (Neidharting, Austria. Moorforschungsinst. Schriftenreihe, v 1) Länderverlag '54 incl bibliog*
- Chase, F. E. and Gray, P. H. H. Application of the Warburg respirometer in studying respiratory activity in soil. *Can J Microbiol* 3:348-9 Mr '57
- Cook, F. D. and Lochhead, A. G. Growth factor relationships of soil microorganisms as affected by proximity to the plant root. *Can J Microbiol* 5:333-4 Ag '59
- Frederick, L. R. and others. Decomposability of some organic sulfur compounds in soil. *Soil Sci* 21:291-2 My '57
- Lochhead, A. G. and Burton, M. O. Qualitative studies of soil microorganisms. *Can J Microbiol* 3:42 F '57; *Soil Sci* 84:402-3 N '57
- Patrick, Z. A. Antibiotic activity of soil microorganisms as related to bacterial plant pathogens. *Can J Bot* 32:734-5 S '54
- Schatz, A. and others. Phospholipids and related substances as growth substrates for soil microorganisms. *Ap Microbiol* 4:227-8 S '56
- SOIL moisture**
- Bradley, G. A. and Pratt, A. J. Response of potatoes to irrigation at different levels of available moisture. *Am Potato J* 31:310 O '54
- Halkias, N. A. and others. Determining water needs for crops from climatic data. *Hilgardia* 24:231-3 D '55
- Jamison, V. C. Pertinent factors governing the availability of soil moisture to plants. *Soil Sci* 81:468-71 Je '56

- Lambeth, Victor Neal. Studies in moisture relationships and irrigation of vegetables. (Research bul. 605) Agricultural experiment station, Univ. of Mo. '56 p53-5
- Odén, S. Förslag till klassifikation av markens porer. Skogs- och Lantbruksakad Tids 96 no5-6:312-13 '57
- Philip, J. R. Evaporation, moisture, and heat fields in the soil. *J Meteorol* 14:365-6 Ag '57
- Russell, M. B. and Klute, A. Movement of water in soils. *Ag Eng* 35:810 N '54
- Shaw, Mark D. and Arble, William C. Bibliography on methods for determining soil moisture. (Engineering research bul. B-78) College of engineering & architecture, Pa. state univ. '59 152p annot
- Slatyer, R. O. Influence of progressive increases in total soil moisture stress on transpiration, growth, and internal water relationships of plants. *Australian J Biol Sci* 10:335-6 Ag '57
- Slatyer, R. O. Significance of the permanent wilting percentage in studies of plant and soil water relations. *Bot R* 23:628-36 D '57
- Stanhill, G. Effect of differences in soil moisture status on plant growth: a review and analysis of soil moisture regime experiments. *Soil Sci* 84:211-14 S '57
- Thuronyi, G. Annotated bibliography of recent literature on soil moisture. *Meteorol Abst & Bibliog* 10:423-61 Mr '59
- Veihmeyer, F. J. and Hendrickson, A. H. Does transpiration decrease as the soil moisture decreases? *Am Geophys Union Trans* 36:447-8 Je '55
- See also
Soil density
Soil percolation
- SOIL particles**
- Gardner, W. R. Representation of soil aggregate-size distribution by a logarithmic-normal distribution. *Soil Sci Soc Am Proc* 20:153 Ap '56
- SOIL percolation**
- American society for testing materials. Symposium on permeability of soils, presented at the 57th annual meeting [of the] Society, Chicago, June 15, 1954. (Special technical pub. no 163) The society '55 incl bibliog
- Krimgold, D. B. and Beenhouwer, O. Estimating infiltration. *Ag Eng* 35:725 O '54
- SOIL permeability**
- Russell, M. B. and Klute, O. Movement of water in soils. *Ag Eng* 35:810 N '54
- SOIL physics**
- Arneman, Harold Frederick, and others. Physical, chemical, and mineralogical properties of related Minnesota prairie soils. (Technical bul. 227) Agricultural experiment station, Univ. of Minn. '58 p35-7
- Baver, Leonard David. *Soil physics. 3d ed Wiley '56 incl bibliog*
- Chepil, William S. Soil conditions that influence wind erosion. (Kan. Agricultural experiment station. Contribution no 592; U.S. Dept. of Agriculture. Technical bul. no 1185) U.S. Gov. ptg. office '58 p38-40
- Kirkham, Don. Advanced soil physics; a set of twenty lectures given at the Soil science inst., Ghent, Belgium, Nov. 20-Dec 20, 1957. The author '58 p 137-47
- Lemos, P. and Lutz, J. F. Soil crusting and some factors affecting it. *Soil Sci Soc Am Proc* 21:490-1 S '57
- See also
Soil mechanics
Soil particles
- SOIL porosity. See Soil permeability**
- SOIL research**
- Peterson, J. B. Examples of the influence of soil science on agronomic practice. *Agron J* 49:657-9 D '57
- Raney, W. A. and others. Current status of research in soil compaction. *Soil Sci Soc Am Proc* 19:428 O '55
- Soil science conference, Rio Piedras, Puerto Rico, 1950. Soil science in the Caribbean; rep. of the Conference held in Puerto Rico, March 30-Apr. 8, 1950. Caribbean comm. '50 p233-65
- SOIL stabilization**
- Bally, R. J. Metode electrice de îmbunătățire a pământurilor în lucrările de construcție. (Monografii de tehnică, 5) Ed. Academiei Republicii Populare Romine '57 p237-43
- Huang, Yu-ching. Selected bibliography on soil stabilization. Univ. of Mich. '54 154p
- Lull, Howard William. Soil compaction on forest and range lands. (Misc. pub. no768) U.S. Dept. of agriculture '59 p29-33

SOIL stabilization—Continued

- National research council. Highway research board. Cement-soil stabilization [papers] presented at the 37th annual meeting, Jan. 6-10, 1958. (Bul. 198) The board '58 incl bibliog
- National research council. Highway research board. Chemical and mechanical stabilization [papers] presented at the 35th annual meeting, Jan. 17-20, 1956. (Bul. 129) The board '56 incl bibliog
- National research council. Highway research board. Soil stabilization studies, 1957 [papers] presented at the 36th annual meeting, Jan. 7-11, 1957. (Bul. 183) The board '58 incl bibliog
- National research council. Highway research board. Stabilization of soils; presented at the 33d annual meeting, Jan. 12-15, 1954. (Bul. 98) The board '55 p 14-15, 32, 46
- Slate, Floyd Owen, and Johnson, Alfred Walton. Stabilization of soil with calcium chloride. (Bibliog. 24) Highway research board, Nat. research council '53 96p annot

SOIL sterilization

- Lawrence, William John Cooper. Soil sterilization. Macmillan '56 p 164-6
- Newhall, A. G. Disinfestation of soil by heat, flooding and fumigation. Bot R 21:235-50 Ap '55
- Stotzky, G. and others. Certain effects of crop residue and fumigant applications on the decomposition of an Ohio muck soil. Soil Sci Soc Am Proc 20:396 J1 '56

SOIL structure. See Soil physics**SOIL temperature**

- Fluker, B. J. Soil temperatures. Soil Sci 86: 45-6 J1 '58
- See also
- Plants. Effect of soil temperature on

SOIL toxicity

- Patrick, Z. A. and Koch, L. W. Inhibition of respiration, germination, and growth by substances arising during the decomposition of certain plant residues in the soil. Can J Bot 36:646-7 S '58

SOIL ventilation. See Soil aeration**SOILING of textiles**

- American society for testing materials. Committee D-12 on soaps and other detergents. Bibliographical abstracts on redeposition of soil on cotton fabric; prepared by Com. D-12, Subcom. T-5, Task com. on redeposition methods. (Special technical pub. no 173) The society '56 30p
- Getcheil, N. F. Cotton quality study. Textile Res J 25:191-4 F '55

SOILS

- American society for testing materials. Papers on soils; presented at the 2d Pacific area nat. meeting [of the Society, Los Angeles, Calif., Sept. 17, 1956. (Special technical pub. no 206) The society '57 incl bibliog
- Bawa, K. S. Laterite soils and their engineering characteristics. Am Soc Civil Eng Proc 83 [SM 4 no 1428]:11-14 N '57
- Commonwealth bureau of soil science. Bibliography of soil science, fertilizers and general agronomy, 1950-1953[-1953-1956] (V7-8) Commonwealth agricultural bureaux '54-'57 2v
- Commonwealth bureau of soil science. Soils and fertilizers. The bureau. See numbers
- Cornwall, Ian Wolfram. Soils for the archaeologist. Macmillan '58 p221-4
- Ganssen, Robert. Bodengeographie, mit besonderer Berücksichtigung der böden Mitteleuropas. Koehler '57 p 195-219
- Klika, Jaromír, and others, eds. Praktikum fytocenologie, ekologie, klimatologie a půdoznalství. (Studie a prameny: Sekce biologická) Nakl. Československé akad. věd '54 incl bibliog
- Lambe, T. W. Structure of compacted clay. Am Soc Civil Eng 84 [SM2 no 1654]:32-4 My '58
- Mulder, E. G. Molybdenum in relation to growth of higher plants and micro-organisms. Plant & Soil 5:413-15 O '54
- Richmond, G. M. and Frye, J. C. Status of soils in stratigraphic nomenclature. Am Assn Pet Geol Bul 41:761-3 Ap '57
- Scharrer, Karl, and Bürke, Rudolf. Fortschritte der agrilkulturchemie (pflanzenernährung). (Technische fortschrittsberichte, v56) Steinkopff '55 p237-318
- Smolík, Ladislav. Pedologie: celostátní výsokšokšská učebnice. Státní nakl. technické literatury '57 incl bibliog

Terts, István. A magyar talajtani irodalom bibliográfiája, 1914-1953. Bibliographie der ungarischen bodenkundlichen literatur, 1914-1953. Akadémiai kiadó '57 88p

Thompson, Louis Milton. Soils and soil fertility. 2d ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '57 incl bibliog

United States. Superintendent of documents. Soils and fertilizers. (Price list 46, 52d ed) U.S. Gov. ptg. office '59 8p

Vanderford, Harvey Birch. Managing southern soils. (Southern farm ser) Wiley '57 incl bibliog

Villar, Emilio Huguet del. Méthode de classification et analyse des sols; base scientifique pour leur cartographie harmonique universelle. (Rabat, Morocco. Inst. scientifique chérifien. Travaux, no2) Editions ints. '53 p 183-5

See also

Burning of land
Clay
Compost
Crops and soils
Fertilizers and manures
Forest soils
Frozen ground
Humus
Irrigation
Laterite
Loess
Reclamation of land
Sand
Tillage

Ammonia content

Nömmik, H. Fixation and defixation of ammonium in soils. Acta Ag Scand 7 no4: 435-6 '57

Analysis

Askinazi, D. L. and Guinsbourg, K. E. Problème de la diminution de la fixation du phosphore dans l'extrait acétique des sols. Plant & Soil 9:29-30 S '57

Brydon, J. E. and Marshall, Charles Edmund. Mineralogical study of Lindley soil in Missouri. (Research bul. 623) Agricultural experiment station, Univ. of Mo. '57 p36-8

García Vicente, José. Cambio de bases en la fracción inorgánica del suelo. (Pub. 13) Inst. de edafología y fisiología vegetal, Consejo superior de investigaciones científicas '56 p 113-22

National research council. Highway research board. Laboratory analysis of soils; grain size and liquid limit [papers] presented at the 33d annual meeting, Jan. 12-15, 1954. (Bul. 95) The board '55 p 14, 25-6

Netherlands. Directie van den landbouw. Het chemisch bodemvruchtbaarheidsonderzoek; voordrachten, behandeld op de cursus Grondonderzoek voor de praktijk van 10-14 Mei 1955. Staatsdrukkerij & uitgeverijbedrijf '56 incl bibliog

Rennie, P. J. Routine determination of the solids, water, and air volumes within soil clods of natural structure. Soil Sci 84:363-5 N '57

Rieger, S. and Smith, H. W. Soils of the Palouse loess. Soil Sci 79:318-19 Ap '55

Scholtes, W. H. Properties and classification of the paha loess-derived soils in north-eastern Iowa. Iowa St Coll J Sci 30:206-9 N '55

Wilde, Sergius Alexander, and Volgt, Garth Kenneth. Analysis of soils and plants for foresters and horticulturists; diagnosis of soil productivity by field and laboratory methods. Edwards '55 incl bibliog

Bacteriology

Anderson, G. R. Ecology of azotobacter in soils of the Palouse region. Soil Sci 86: 61-2, 116 Ag-S '58

Lochhead, A. G. Soil bacteria and growth-promoting substances. Bact R 22:161-3 S '58

Lochhead, A. G. and Burton, M. O. Incidence in soil of bacteria requiring vitamin B₁₂ and the terregens factor. Soil Sci 82:244-5 S '56

See also

Nitrification
Rhizosphere microbiology
Soil microorganisms

Base exchange

Barrows, H. L. and Drosdoff, M. Comparison of methods for determining the base-exchange capacity of some soils of the lower coastal plain of the southeastern United States. Soil Sci Soc Am Proc 22:121-2 Mr '58

SOILS—Base exchange—Continued

- Barshad, I. Cation exchange in micaceous minerals. *Soil Sci* 77:472; 78:75-6 Je-Jl '54
- Lambeth, Victor Neal. Cationic saturation of low exchange soils for growth of vegetable crops. (Research bul. 575) Agricultural experiment station, Univ. of Mo. '55 p33-5
- Mortensen, J. L. Adsorption of hydrolyzed polyacrylonitrile on kaolinite. *Soil Sci Soc Am Proc* 21:388; 23:201-2 Jl '57, My '59
- Spencer, W. F. and Gieseking, J. E. Cobalt adsorption and release in cation-exchange systems. *Soil Sci* 78:275-6 O '54

Base saturation

- Dawson, M. D. Influence of base saturation and calcium levels on yield and mineral content of alfalfa. *Soil Sci Soc Am Proc* 22:333 Jl '58

Boron content

See also

- Plants, Effect of Boron on

Calcium content

- Dawson, M. D. Influence of base saturation and calcium levels on yield and mineral content of alfalfa. *Soil Sci Soc Am Proc* 22:333 Jl '58

Carbon content

- Haas, Howard J. and others. Nitrogen and carbon changes in Great Plains soils as influenced by cropping and soil treatments. (U.S. Dept. of agriculture. Technical bul. no 1164) U.S. Gov. ptg. office '57 p55-7
- Pratt, P. F. and others. Changes in organic carbon and nitrogen in an irrigated soil during 28 years of differential fertilization. *Soil Sci* 21:218-19 Mr '57

Classification

- Tedrow, J. C. F. and Cantlon, J. E. Concepts of soil formation and classification in arctic regions. *Arctic* 11 no3:178-9 '58

Cobalt content

- Spencer, W. F. and Gieseking, J. E. Cobalt adsorption and release in cation-exchange systems. *Soil Sci* 78:275-6 O '54

Composition

See also

- Soils—Base exchange

Freezing

See Frozen ground

Iron content

- Chang, S. C. and Jackson, M. L. Solubility product of iron phosphate. *Soil Sci* 21:268-9 My '57

Mineral content

See Soils, Minerals in

Nitrogen content

- Haas, Howard J. and others. Nitrogen and carbon changes in Great Plains soils as influenced by cropping and soil treatments. (U.S. Dept. of agriculture. Technical bul. no 1164) U.S. Gov. ptg. office '57 p55-7
- Ike, A. F. and Stone, E. L. Soil nitrogen accumulation under black locust. *Soil Sci Soc Am Proc* 22:349 Jl '58
- Jansson, Sven L. Tracer studies on nitrogen transformations in soil with special attention to mineralisation-immobilization relationships. (K. Lantbrukshögskolan, Annaler, 24) Almquist '58 p352-61
- Pratt, P. F. and others. Changes in organic carbon and nitrogen in an irrigated soil during 28 years of differential fertilization. *Soil Sci* 21:218-19 Mr '57

Phosphorous content

- Askinazi, D. L. and Guinsbourg, K. E. Problème de la diminution de la fixation du phosphore dans l'extrait acétique des sols. *Plant & Soil* 9:29-30 S '57
- Bauwin, G. R. and Tyner, E. H. Distribution of nonextractable phosphorus in some gray-brown podzolic, brunizem, and planosol soil profiles. *Soil Sci* 21:249-50 My '57
- Bingham, F. T. and others. Effects of phosphorus fertilization of California soils on minor element nutrition of citrus. *Soil Sci* 86:30-1 Jl '58
- Byrnside, David S. and Sturgis, Madison B. Soil phosphorus and its fractions as related to response of sugar cane to fertilizer phosphorus. (Bul. no513) Agricultural experiment station, La. State univ. & agricultural & mechanical college '58 p 28-30

- Chang, S. C. and Jackson, M. L. Solubility product of iron phosphate. *Soil Sci* 21:268-9 My '57

- Grunes, D. L. and others. Effect of long-time dryland cropping on available phosphorus of Cheyenne fine sandy loam. *Soil Sci* 80:137-8 Ag '55

- Kanwar, J. S. Phosphate retention in some Australian soils. *Soil Sci* 82:49-50 Jl '56
- Scharpenseel, H. W. and Concepcion, J. S. Studien über die pflanzenaufnahmebarkeit einiger phosphordünger und ihre verteilung in verschiedene bodenschichttiefen an tropischen bodentypen. *Landw Forsch* 10 no 1:15-17 '57

- Studies with radioactive phosphorus in soils of the western states, 1950-53; by the Pubs. com. Phosphorus work group of the Western soils research com. in cooperation with [others] (U.S. Dept. of agriculture. Production research rep. no 12) U.S. Gov. ptg. office '57 p31-2

Potassium content

- McLean, E. O. and Simon, R. H. Potassium status of some Ohio soils as revealed by greenhouse and laboratory studies. *Soil Sci* 85:331-2 Je '58

- Marel, H. W. van der. Potassium fixation in Dutch soils: mineralogical analyses. *Soil Sci* 78:177-9 S '54

Research

See Soil research

Sterilization

See Soil sterilization

Sulfur content

- Frederick, L. R. and others. Decomposability of some organic sulfur compounds in soil. *Soil Sci* 21:291-2 My '57

Temperature

See Soil temperature

Testing

- American society for testing materials. Symposium on application of soil testing in highway design and construction; presented at the 61st annual meeting, Boston, Mass., June 26 and 27, 1958. (ASTM special technical pub. no239) The society '59 incl bibliog
- American society for testing materials. Symposium on permeability of soils, presented at the 57th annual meeting [of the] Society, Chicago, June 15, 1954. (Special technical pub. no 163) The society '55 incl bibliog

- American society for testing materials. Symposium on vane shear testing of soils [papers] presented at the 59th annual meeting [of the] Society, Atlantic City, N.J., June 22, 1956. (Special technical pub. no 193) The society '56 incl bibliog

- National research council. Highway research board. Gamma ray measurement of pavement density and bridge research program (AASHO road test) [papers] presented at the 37th annual meeting Jan. 6-10, 1958. (Special rep. 38) The board '59 p 12-15, 43

- Witkamp, M. and Starkey, R. L. Tests of some methods for detecting antibiotics in soil. *Soil Sci Soc Am Proc* 20:504 O '56

Toxicity

See Soil toxicity

Australia

- Jackson, E. A. Soil features in arid regions with particular reference to Australia. *Australian Inst Ag Sci J* 23:207-8

- Stewart, G. A. Soils of the Katherine-Darwin region, Northern territory. (Soil pub. no6) Commonwealth scientific & industrial research organization '56 p67-8

- Van Dijk, D. C. Soil features in relation to erosional history in the vicinity of Canberra. (Soil pub. no 13) Commonwealth scientific & industrial research organization '59 p39-41

Caribbean area

- Soil science conference, Rio Piedras, Puerto Rico, 1950. Soil science in the Caribbean; rep. of the Conference held in Puerto Rico, March 30-Apr. 8, 1950. Caribbean comm. '50 p233-65

SOILS—Continued

- Congo, Belgian
Heinzelin, Jean de. Sols, paléosols et désertifications anciennes dans le secteur nord-oriental du bassin du Congo. (Pubs. coll. in-4°) Inst. nat. pour l'étude agronomique du Congo belge '52 p 145-65
- France
Plaisance, G. Bibliographie des sols de France. (Annales, no21) Centre d'études & de documentation paléontologiques '57 245p
- Hawaiian Islands
Uehara, Goro, and Sherman, G. Donald. Nature and properties of the soils of the red and black complex of the Hawaiian Islands. (Technical bul. 32) Agricultural experiment station, Univ. of Hawaii '56 p28-31
- Iowa
Ruhe, R. V. and Scholtes, W. H. Ages and development of soil landscapes in relation to climatic and vegetational changes in Iowa. Soil Sci Soc Am Proc 20:272-3 Ap '56
- Islands of the Pacific
United States. Army. Forces in the Far East. Annotated bibliography of geologic and soils literature of western North Pacific islands. The forces '56 884p
- New Jersey
Krebs, R. D. and Tedrow, J. C. F. Genesis of red-yellow podzolic and related soils in New Jersey. Soil Sci 85:36-7 Ja '58
- Thailand
United States. Mutual security agency. Special technical and economic mission to Thailand. Report to accompany the provisional map of the soils and surface rocks of the Kingdom of Siam, by Robert L. Pendleton. The mission '53 p285-90
- SOILS (engineering) See Soil mechanics
- SOILS, Frozen. See Frozen ground
- SOILS, Minerals in
Adams, J. E. and Matelski, R. P. Distribution of heavy minerals and soil development in Scott silt loam. Soil Sci 79:68-9 Ja '55
- Arneman, Harold Frederick, and others. Physical, chemical, and mineralogical properties of related Minnesota prairie soils. (Technical bul. 227) Agricultural experiment station, Univ. of Minn. '58 p35-7
- Bönig, G. Beitrag zur bestimmung der mikronährstoffe kupfer, kobalt, zink, nickel und molybdän in pflanzlichem material unter anwendung der papierchromatographie. Landw Forsch 9 no2:99-100 '56
- Bönig, G. and Heigener, H. Serienmässige bestimmung der verfügbaren mikronährstoffe kupfer, zink, kobalt und nickel im boden unter anwendung der papierchromatographie. Landw Forsch 9 no2:94-6 '56
- Byrdon, J. E. and Marshall, Charles Edmund. Mineralogical study of Lindley soil in Missouri. (Research bul. 623) Agricultural experiment station, Univ. of Mo. '57 p36-3
- Buchner, A. Betrachtungen zum nährstoffverhältnis der mineraldüngung, dargestellt am getreide. Plant & Soil 7:325-6 Je '56
- Henriksen, A. and Jensen, H. L. Chemical and microbiological determinations of copper in soil. Acta Ag Scand 8 no4:467-9 '58
- Nash, V. E. and Marshall, C. E. Surface reactions of silicate minerals. (Research bul. 613) Agricultural experiment station, Univ. of Mo. '56 p35-6
- Nishita, H. and others. Influence of soil organic matter on mineral uptake by barley seedlings. Soil Sci 82:317-18 O '56
- Schmehl, W. R. and Jackson, M. L. Mineralogical analyses of soil clays from Colorado surface soils. Soil Sci Soc Am Proc 21:380 Ji '57
- Starkey, R. L. Relations of micronutrients to development of microorganisms. Soil Sci 79:11-14 Ja '55
- Wehrmann, J. Mangan, kupfer und kobalt in pflanzen und böden schleswig-holsteinischer weidegebiete. Plant & Soil 6:82-3 Ja '55
- SOILS, Peat
Green, V. E. Culture of rice on organic soils—a world survey. Agron J 49:471-2 S '57
- SOILS, Salts in
Hayward, H. E. and Bernstein, L. Plant-growth relationships on salt-affected soils. Bot R 24:624-35 O '58
- Staroska, R. W. and Hill, W. L. Influence of soluble salts on the solubility of and plant response in dicalcium phosphate. Soil Sci Soc Am Proc 19:198 Ap '55
- SOILS and plant diseases
Isaac, I. Some soil factors affecting verticillium wilt of antirrhinum. Ann Ap Biol 44: 111-12 Mr '56
- SOILS and plant growth
Black, Charles Allen. Soil-plant relationships. Wiley '57 incl bibliog
- Cooper, H. P. and Hall, E. E. Significance of the coequal effect or balanced-baulic-pounding ratio of major fertilizer nutrients to relative percentage growth response in crop plants. Soil Sci 82:215-16 S '56
- Donahue, Roy Luther. Soils; an introd. to soils and plant growth. Prentice-Hall '58 incl bibliog
- Gerwig, J. L. and Ahlgren, G. H. Effect of different fertility levels on yield, persistence, and chemical composition of alfalfa. Agron J 50:294 Je '59
- Gray, L. F. and others. Nutritive value of several foods grown at different locations. J Nutrition 63:357-9 N '57
- Hayward, H. E. and Bernstein, L. Plant-growth relationships on salt-affected soils. Bot R 24:624-35 O '58
- Ilijn, W. S. Relación entre suelo y composición química de las plantas forrajeras. Agron Trop 4:211-13 Ja '55
- Influence of environment on the chemical composition of plants. Coop Ser Bul 42: 120-3 Je '55
- Lambeth, Victor Neal. Cationic saturation of low exchange soils for growth of vegetable crops. (Research bul. 575) Agricultural experiment station, Univ. of Mo. '55 p33-5
- Peishenke, P. F. and Drews, E. Qualität von getreide und getreideerzeugnissen in abhängigkeit von der phosphatversorgung der getreidepflanzen und dem kalkzustand des bodens. Landw Forsch 9 no3:194-5 '56
- Scharpenseel, H. W. and Concepcion, J. S. Studien über die pflanzenaufnehmbarkeit einiger phosphordünger und ihre verteilung in verschiedene bodenschichttiefen an tropischen bodentypen. Landw Forsch 10 no 1:15-17 '57
- Slatyer, L. O. Significance of the permanent wilting percentage in studies of plant and soil water relations. Bot R 23:628-36 D '57
- Wilde, S. A. Soils and forest tree breeding. J For 52:931-2 D '54
- Worthen, Edmund Louis. Farm soils; their fertilization and management. (Wiley farm ser) 5th ed. rev. by Samuel R. Aldrich and Edmund L. Worthen. Wiley '56 p415-16
- Youngberg, C. T. Effect of soils on the establishment of tree crops. Soil Sci Soc Am Proc 19:90 Ja '55
- SOLANACEAE
See also Solanum
- SOLANINE
Hutchinson, A. and Hilton, R. J. Influence of certain cultural practices on solanine content and tuber yields in netted gem potatoes. Can J Ag Sci 35:490-1 S '55
- SOLANUM
Magoon, M. L. and others. Cytogenic studies of South American diploid solanums, section tuberarium. Am Potato J 35:393-4 My '58
- SOLAR energy
Conference on the use of solar energy—the scientific basis, University of Arizona, 1955. Transactions. Univ. of Ariz. press '58 6v incl bibliog
- Solar abstracts. See numbers of Solar energy
- Telkes, M. Solar cooking ovens. Solar Energy 3:10-11 Ja '59
- United nations. Department of economic and social affairs. New sources of energy and economic development: solar energy, wind energy, tidal energy, geothermic energy and thermal energy of the seas. The organization '57 p 119-50
- United Nations educational, scientific and cultural organization. Wind and solar energy; proceedings of the New Delhi symposium. Energie solaire et éolienne; actes du colloque de New Delhi. Energia solar y eólica; actas del coloquio celebrado en Nueva Delhi. (Arid zone research 7) UNESCO '56 incl bibliog

SOLAR furnaces

Association for applied solar energy. Proceedings of the 1957 solar furnace symposium. The association '57 incl bibliog
Brenden, B. B. and others. Study of temperature measurement in a solar furnace. *Solar Energy* 2:16-17 Ja '58

SOLAR heating

Massachusetts institute of technology. Space heating with solar energy; proceedings of a course-symposium held at the Institute, August 21-26, 1950; ed. by Richard W. Hamilton. Cambridge '54 incl bibliog
Telkes, M. Solar cooking ovens. *Solar Energy* 3:10-11 Ja '59
See also
Solar furnaces

SOLAR houses. *See* Solar heating

SOLAR magnetism. *See* Magnetism, Solar

SOLAR power. *See* Solar energy

SOLAR radiation

Berg, Hellmut. Solar-terrestrische Beziehungen in meteorologie und biologie. (Probleme der kosmischen physik, v30) Geest & Portig p 159-67
Brooks, C. E. P. Annotated bibliography on solar relations with weather. *Meteorol Abst & Bibliog* 8:95-119 Ja '57
Foitzik, Leonhard and Hinzpeter, Hans. Sonnenstrahlung und Lufttrübung. (Probleme der kosmischen physik, v31) Geest & Portig '58 p288-302
Gergen, J. L. Black-ball observation and the radiation chart. *J Meteorol* 15:367-8 Ag '58
See also
Earth temperature
Solar energy
Solar heating

SOLAR spectrum. *See* Spectrum, Solar

SOLAR system

Ellison, Meroyn Archdall. Sun and its influence, an introd. to the study of solar-terrestrial relations. Macmillan '55 p225-30
See also
Meteors
Stars
Sun

SOLDER and soldering

Abstracts of current literature. *See* numbers of British welding journal
Barnett, Orville T. Filler metals for joining. (Reinhold reference bks) Reinhold '59 incl bibliog
See also
Brazing

SOLDIERS

See also
Generals
Negroes as soldiers

SOLDIERS, Discharged. *See* Veterans

SOLID solutions. *See* Solutions, Solid

SOLIDS

Cusack, Norman Edward. Electrical and magnetic properties of solids; an introd. textbook. Longmans '58 incl bibliog
Dienes, George Julian, and Vineyard, G. H. Radiation effects in solids. (Interscience monographs in physics and astronomy, v2) Interscience '57 incl bibliog
Kittel, Charles. Introduction to solid state physics. 2d ed (Wiley ser. on the technology of materials) Wiley '56 incl bibliog
Sinnott, Maurice Joseph. Solid state for engineers. Wiley '58 incl bibliog
Symposium on thermal properties, Purdue university, 1959. Thermodynamic and transport properties of gases, liquids and solids; papers. Am. soc. of mechanical engineers; McGraw '59 incl bibliog
Wannier, Gregory H. Elements of solid state theory. Cambridge '59 incl bibliog
See also
Particles

SOLMI, Arrigo, 1873-1944

Onoranze ai fratelli Arrigo ed Edmondo Solmi, Università di Pavia, 20 gennaio, 1955. Ind. grafica C. Re '55 p41-59

SOLMI, Edmondo, 1874-1912

Onoranze ai fratelli Arrigo ed Edmondo Solmi, Università di Pavia, 20 gennaio, 1955. Ind. grafica C. Re '55 p41-59

SOLUBILITY

Ellis, A. J. Solubility of carbon dioxide in water at high temperatures. *Am J Sci* 257:234 Mr '59
Mosebach, R. Thermodynamic behavior of quartz and other forms of silica in pure water at elevated temperatures and pressures with conclusions on their mechanism of solution. *J Geol* 65:363 Jl '57

SOLUTION (chemistry)

Zen, E. Partial molar volumes of some salts in aqueous solutions. *Geochimica & Cosmochimica Acta* 12 no 1-2:121-2 '57
See also

Colloids
Diffusion
Precipitation (chemistry)
Solvents

SOLUTIONS, Solid

American society for metals. Precipitation from solid solution, by R. F. Mehl [and others] a ser. of nine educational lectures on precipitation from solid solution presented to members of the ASM during the Nat. metal congress and exposition, Nov. 4 to 8, 1957. The society '59 incl bibliog

SOLVENTS

Elkins, H. B. Analyses of biological materials as indices of exposure to organic solvents. *AMA Archives Ind Hygiene & Occup Med* 9:221-2 Mr '54
Kircher, C. F. Solvent degreasing—what every user should know. *Am Soc Test Mat Bul* 219:48 Ja '57
See also

Extraction processes

SOMALS

Lewis, I. M. Peoples of the Horn of Africa: Somali, Afar, and Saho. (Ethnographic survey of Africa: North Eastern Africa, pt 1) Int. African inst. '55 p 177-94

SOMATOLOGY

Kluckhohn, C. Physical anthropology. *Am Anthropol* 57:1291-5 D '55
Pende, Nicola, ed. *Traité de médecine biotypologique*. Doin '55 incl bibliog
See also
Blood groups

SOMMARUGA, Angelo, 1857-

Squarciapino, Giuseppe. Roma bizantina; società e letteratura ai tempi di Angelo Sommaruga; presentazione di Pietro Paolo Trompeo. (Saggi, 133) Einaudi '50 p271-445

SONAR

Horton, J. Warren. Fundamentals of sonar. 2d rev ed U.S. naval inst. '59 incl bibliog

SONGS

Whitner, M. E. Modern art song in English. *Am Mus Teach* 6:13+ My '57
See also
Ballads
Children's songs

SOPHOCLES, d 406 B.C.

Knox, Bernard MacGregor Walker. *Oedipus at Thebes*. Yale univ. press '57 p267-70

SORBUS. *See* Mountain ash

SORDARIACEAE

Olive, L. S. and Carr, A. J. H. Genetics of sordaria fimicola. *Am J Bot* 43:106-7; 45:150; 46:90-1 F '56, F '58, F '59

SORGHUM

Celariet, R. P. Cytotaxonomic notes on the subsection halepensis of the genus sorghum. *Torrey Bot Club Bul* 85:61-2 Ja '58
Davies, J. G. and Edye, L. A. Sorghum almu parodi: a valuable summer-growing perennial grass. *Australian Inst Ag Sci J* 25:126-7 Je '59
Endrizzi, J. E. Cytological studies of some species and hybrids in the eusorghums. *Bot Gaz* 119:9-10 S '57
Sorghum mission to certain British African territories. Report. (Gt. Brit. Colonial office. Colonial advisory council of agriculture, animal health and forestry. Pub. no2) H.M.S.O. '51 p 102-5

SOUBIROUS, Bernadette, Saint, 1844-1879

Mathews, Stanley. Marian bibliography for the Lourdes centenary; sel. list of bks. on Lourdes and Bernadette for high school libraries. Mentzer, Bush & co. '58 3p annot

Trochu, Francis. Saint Bernadette Soubirous, 1844-1879; tr. and adapted by John Joyce. Pantheon bks. '57 p391-3 annot

Trouncer, Margaret (Lahey). Saint Bernadette, the child and the nun. Sheed '58 p247-8

SOUND

Friedlander, Frederic Gerard. Sound pulses. (Cambridge monographs on mechanics and applied mathematics) Cambridge '58 p 195-9

Frings, H. and Frings, M. Reactions to sounds by the wood nymph butterfly, *cercyonis pegala*. *Entom Soc Am Ann* 49:616-17 N '56

SOUND—Continued

- References to contemporary papers on acoustics. See numbers of Acoustical society of America. Journal
 Thompson, Dudley, and Bakhski, Narendra Nath. Application of dimensional analysis to the relationship between velocity of sound and physical properties in organic liquids. (Bul. no 100) Va. Engineering experiment station '55 p 24-6
 Zuckerkandl, Victor. Sound and symbol; music and the external world; tr. from the German by Willard R. Trask. (Bollingen ser, 44) Pantheon bks. '56 p381-5

See also

Acoustical engineering
 Architectural acoustics
 Hearing
 Music—Acoustics and physics
 Noise
 Phonetics
 Tones
 Ultrasonics

Apparatus**See also**

Amplifiers
 Loud speaking apparatus
 Radio apparatus
 Stethoscope

Measurement

- Richards, D. L. and Archbold, R. B. Development of the Collard principle of articulation calculation. *Inst Elec Eng Proc* 103: 687-8 S '56

Recording and reproducing

- Canby, Edward Tatnall. Home music systems; how to build and enjoy them. rev ed Harper '55 p294
 Daniel, El. D. and others. Survey of factors limiting the performance of magnetic recording systems. *Inst Elec Eng Proc* 104: 168 Mr '57
See also

High fidelity sound systems

Magnetic recording

- Hickman, R. E. B. Magnetic recording handbook; theory, practice and servicing of domestic and professional tape and wire recorders. Newnes '56 p 157-61
 Tall, Joel. Techniques of magnetic recording; with chapter 7, Recording sound in nature, by Peter Paul Kellogg. Macmillan '58 p437-52

Transmission

- Richardson, Edward Gick, ed. Technical aspects of sound. Elsevier '53-'57 2v incl bibliog

SOUND engineering. See Acoustical engineering

SOUND production by animals

- Alexander, R. D. Sound production and associated behavior in insects. *Ohio J Sci* 57:112-13 Mr '57
 Blair, W. F. Mating call in the speciation of anuran amphibians. *Am Natur* 92:50-1 Ja '58
 Fish, Marie Poland. Character and significance of sound production among fishes of the western North Atlantic. (Bul.v14, article 3) Bingham oceanographic laboratory, Yale univ. '54 p 107-9
 Griffin, Donald Redfield. Listening in the dark; the acoustic orientation of bats and men. Yale univ. press '58 p387-402
 Griffin, D. R. and Novick, A. Acoustic orientation of neotropical bats. *J Exp Zool* 130:293-4 N '55

See also

Bird song
SOUND waves
 Anstey, N. A. Why all this interest in the shape of the pulse? *Geophys Prosp* 6:401-3 D '58
See also
 Ultrasonic waves

SOUNDING

- Katz, S. and Ewing, M. Seismic-refraction measurements in the Atlantic ocean. *Geol Soc Am Bul* 67:508-9 Ap '56

SOUTH

- Howard, Robert West, ed. This is the South. Rand McNally '59 p293-7
 Jones, Katharine M. Plantation South. Bobbs '57 p393-9
 Skipper, Ottis Clark, J. D. B. De Bow: magazinist of the Old South. Univ. of Ga. press '58 p248-53

Antiquities

- Fundaburk, Emma Lila, and Foreman, Mary Douglass (Fundaburk) eds. Sun circles and human hands; the southeastern Indians art and industries. Emma Lila Fundaburk '57 p222-7

Description and travel

- Bartram, William. Travels; ed. with commentary and annot. index by Francis Harper, naturalist's ed Yale univ. press '58 p683-89
 Clark, Thomas Dionysius. Travels in the Old South, a bibliography. (Am. exploration and travel, no 19) Univ. of Okla. press '56-'59 3v

History

- Articles on the states of the South. See numbers of Journal of southern history
 Franklin, John Hope. Militant South, 1800-1861. Harvard univ. press '56 p251-64 annot
 Ross, Ishbel. First lady of the South; the life of Mrs Jefferson Davis. Harper '58 p452-7
 Singletary, Otis A. South in American history. Service center for teachers of history '57 39p
 Van Noppen, Ina Woestemeyer. South; a documentary history. Van Nostrand '58 p549-66

See also

Reconstruction (Civil war)

Politics and government

- Grantham, Dewey W. Hoke Smith and the politics of the New South. (Southern biography ser) La. state univ. press '58 p372-7 annot

Social life and customs**See also**

Plantation life

SOUTH AFRICA

- Africana nova. South African public lib. See numbers
 Bridgers, Emily. Africa: south of the Sahara. (Lib. extension pub, v21, no 1) Univ. of N.C. lib. '55 p42-3
 Missionary research library. Africa south of the Sahara; a sel. and annot. bibliog. of bks. in the Library on Africa and African countries south of the Sahara; comp. by Robert L. Lehman; ed. by Frank W. Price. The library '59 65p
 Recent publications from and about South Africa. See numbers of South African library. Quarterly bulletin thru Je 1958
 Robinson, H. M. With a South African flavour. Bklist 54:518+ My 15 '58
 United States. Library of Congress. General reference and bibliography division. Africa south of the Sahara; a sel. annot. list of writings, 1951-1956; comp. by Helen F. Conover. The division '57 269p
 Westermann, Diedrich. Geschichte Afrikas, staatenbildungen südlich der Sahara. Greven-verlag '52 p455-70

Bibliography

- South African public library, Cape Town. Bibliography of African bibliographies covering territories south of the Sahara. 3d ed (rev to Aug. 1955) (Grey bibliogs, no6) The library '55 169p
 Supplement to Bibliography of African bibliographies south of the Sahara. See numbers of South African public library. Quarterly bulletin

Church history**See also**

Church of England in South Africa

Economic conditions

- Randall, Darrell. Factors of economic development and the Okovango delta; some world relationships to, and problems of, planning for economic development of an underdeveloped area in Africa. (Program of education and research in planning. Research paper no3; Research paper no47) Dept. of geography, Univ. of Chicago '57 p256-63
 Robertson, Hector Menteith. South Africa; economic and political aspects. (Duke univ. Commonwealth-studies center. Pubs, no2) Duke univ. press '57 p 149-84

Government publications

- Government publications. See numbers of South African library. Quarterly bulletin

SOUTH AFRICA—Government publications—*Continued*

South Africa. Departement van onderwys, kuns en wetenskap. *Lys van lopende tydskrifte in staatsdepartemente*, 1958 (alfabeties en geklassifiseerd) List of current periodicals in government departments, 1958 (alphabetical and classified) The department '58 385p

History

Gibbs, Henry. Background to bitterness; the story of South Africa, 1652-1954, by Simon Harvester [pseud] Philosophical lib. '55 p243-8

Walker, Eric Anderson. History of Southern Africa. 3d ed Longmans '57 p925-45

Fiction

Kiersen, S. English and Afrikaans novels on South African history; a bibliography. (Bibliog. ser) School of librarianship, Univ. of Cape Town '58 47p

Native races

Breutz, P. L. Stone kraal settlement in South Africa. *African Stud* 15 no4:173-5 '56

Robertson, Hector Menteith. South Africa; economic and political aspects. (Duke univ. Commonwealth-studies center. Pubs, no2) Duke univ. press '57 p 149-84

See also

Basutos

Politics and government

Carter, Gwendolen Margaret. Politics of inequality; South Africa since 1948. (Bks. that matter) Praeger '58 p491-518

Race problems

Patterson, Sheila. Colour and culture in South Africa; a study of the status of the Cape coloured people within the social structure of the Union of South Africa. (Int. lib. of sociology and social reconstruction) Routledge '53 p341-7

Smith, Harold. Apartheid in the Union of South Africa. (Special subject lists, no5) Lib. assn '56 12p

SOUTH AFRICAN clawed toads. See *Xenopus laevis*

SOUTH AFRICAN cookery. See *Cookery, South African*

SOUTH AMERICA

Patch, Richard W. Bibliography of the Andean countries; a sel. current, annot. bibliog. related to Peru, Bolivia, and Ecuador. Am. univ. field staff '58 23p

Pendle, George. South America. (Readers' guide, 3d ser) Nat. bk. league '57 29p annot

See also

Latin America

Antiquities

Rydén, Stig Artur. Erland Nordenskiöld archaeological collection from the Mizque valley, Bolivia. (Etnologiska studier, 22) Göteborgs etnografiska museet '56 p 135-7

Civilization

Wilkins, Harold Tom. Mysteries of ancient South America. Citadel '56 p201-8 annot

Description and travel

Czajka, W. and Vervoorst, F. Die naturräumliche gliederung nordwest Argentiniens. Petermanns Geog Mitt 100 no 3: 206-8 '56

Oppenheim, Victor. Explorations east of the high Andes (from Patagonia to the Amazon) Pageant press '58 p247-57

History

Peck, Anne Merriman. Pageant of South American history. rev ed Longmans '58 p391-4

Politics

Vilela, Arturo. Interpretación de la historia sud-americana; el fenómeno político-cultural. (Biblioteca paceña) Alcaldía municipal '53 p209-20

SOUTH AUSTRALIA

Ejorklund, Elaine M. Focus on Adelaide; functional organization of the Adelaide region, Australia. (Research paper, no41) Dept. of geography, Univ. of Chicago '55 p 129-33

SOUTH CAROLINA

Cohen, Hennig. Articles in periodicals and serials on South Carolina literature and related subjects, 1900-1955. (S.C. bibliogs, no4) S.C. Archives dept. '56 87p

Turnbull, Robert James. Bibliography of South Carolina, 1563-1950. Univ. of Va. press '56 5v

Government publications

South Carolina. Archives department. Checklist of South Carolina state publications. issued during the fiscal year July 1, 1956-June 30, 1957. (S.C. bibliogs, no3G) The archives '58 23p

History

Barrett, John G. Sherman's march through the Carolinas. Univ. of N.C. press '56 p282-309

Quattlebaum, Paul. Land called Chicora; the Carolinas under Spanish rule with French intrusions, 1520-1670. Univ. of Fla. press '56 p 143-8

Savage, Henry. River of the Carolinas; the Santee. (Rivers of Am) Rinehart '56 p411-17

Simpson, George Lee. Cokers of Carolina; a social biography of a family. Univ. of N.C. press '56 p309-21 annot

SOUTH CAROLINA. University

Hollis, Daniel Walker. University of South Carolina. Univ. of S.C. press '51-'56 2v v 1, p320-9; v2, p404-12

SOUTH India united church. See *Church of south India*

SOUTH SEA islands

Price, Willard. Adventures in paradise; Tahiti and beyond. Day '55 p305-9

SOUTHWEST

Books of the Southwest. Lib. Univ. of Calif. at Los Angeles. See numbers annot

Campbell, Walter Stanley. Book lover's Southwest; a guide to good reading, by Stanley Vestal [pseud] Univ. of Okla. press '55 p269-72

Guide to the literature of the Southwest. See numbers of New Mexico quarterly review thru 1954

Powell, Lawrence Clark. Southwestern century; a bibliog. of one hundred bks. of non fiction about the Southwest. Reynolds '58 29p annot

—Same. Ariz Highways 34:1-12+ Mr '58 annot

Antiquities

Gillin, John Philip. Archeological investigations in Nine Mile canyon, Utah; a republication. (Anthropological papers, no21) Dept. of anthropology, Univ. of Utah '55 p31-2

Gladwin, Harold Sterling. History of the ancient Southwest. Bond Wheelwright '57 p363-72

Hunt, Alice. Archeological survey of the La Sal Mountain area, Utah. (Anthropological papers, no 14) Dept. of anthropology, Univ. of Utah '53 p239-48

Schroeder, Albert Henry, and others. Archeology of Zion Park. Anthropological papers, no22) Dept. of anthropology, Univ. of Utah '55 p202-10

Taylor, Dee Calderwood. Garrison site; a rep. of archeological excavations in Snake valley, Nevada-Utah. (Anthropological papers, no 16) Dept. of anthropology, Univ. of Utah '54 p62-4

Wheat, J. B. and others. Ceramic variety, type cluster, and ceramic system in Southwestern pottery analysis. Am Antiq 24:45-7 J1 '58

Wormington, Hannah Marie. Reappraisal of the Fremont culture; with a summary of the archaeology of the northern periphery. (Proceedings, no 1) Denver museum of natural history '55 p 191-200

Description and travel

Mexico. Dirección general de geografía y meteorología. Bibliografía geográfica de México; recopilación y ordenamiento de Angel Bassols Batalla. The department '55 652p

Economic conditions

Zierer, Clifford M. ed. California and the Southwest. Wiley '56 incl bibliog

SOUTHWEST—*Continued*

Fiction

Powell, Lawrence Clark. Heart of the Southwest; a sel. bibliog. of novels, stories, and tales laid in Ariz. and N.Mex. & adjacent lands. (Great Southwest travels ser, no2) Dawson's bk. '55 42p annot

History

Kerby, Robert Lee. Confederate invasion of New Mexico and Arizona, 1861-1862. (Westernlore Great West and Indian ser, 13) Westernlore '58 p 147-51

SOUTHWESTERN Asia. See Asia, Southwestern

SOVEREIGNTY

Calvez, Jean Yves. Droit international et souveraineté en U. R. S. S.; l'évolution de l'idéologie juridique soviétique depuis la Révolution d'octobre. (Fondation nat. des sciences politiques, Cahiers, 48) Colin '53 p281-96

SOVIET UNION. See Russia

SOYBEANS

Larson, Nellie G. Soybeans; some botanical aspects; a sel. list of references, 1930-1958. (Lib. list no87) Library, U.S. Dept. of agriculture '59 24p annot

SPACE, Outer

Di Taranto, R. A. and Lamb, J. J. Space environment, a preliminary study. Elec Manuf 62:66 O '58

Exploration

United States. Department of the army. Missiles, rockets and satellites. The department '58 5v

United States. Department of the army. Army library. Military aspects of space exploration; a sel. list of titles. (Special bibliog. no 16) The library '58 55p

SPACE and time

Heidsieck, François. Henri Bergson et la notion d'espace. (Les Grandes études, 6) Le cercle du livre '57 p 187-91

See also

Relativity (physics)

SPACE flight

Adams, Carsbie C. and others. Space flight; satellites, spaceships, space stations, and space travel explained [foreword by Werner von Braun] McGraw '58 incl bibliog

Aero/space reviews; current literature of aeronautical engineering and space technology. See numbers of Aero/space engineering

Air force (periodical). Space weapons; a handbk. of military astronautics. Praeger '59 p227-39 annot

Allen, J. E. From aviation to astronautics. Roy Aero Soc J 62:630-2 S '58

Bates, David Robert, and Moore, Patrick, eds. Space research and exploration; contributors: A. C. Clarke [and others] Sloane '58 incl bibliog

Beard, R. B. and Rotherham, A. C. Space flight and satellite vehicles. Pitman '58 incl bibliog

Benton, Mildred Catherine. Literature of space science and exploration. (Bibliog. no 13) U.S. Naval research laboratory '58 264p annot

Benton, M. Earth satellites, guided missiles, rockets, and space flight. Wilson Lib Bul 32:412-19 F '58 annot

—Supplement. Wilson Lib Bul 34:215-20 N '59 annot

Bergaust, Erik, and Beller, William. Satellite; foreword by Hermann Oberth. (Hanover house bk) Garden City '56 p273-8

Bibliography of space literature. Air Force Mag 41:168-74 Mr '58

British interplanetary society. Realities of space travel; sel. papers, ed. by L. J. Carter. McGraw '57 incl bibliog

Brockmann, M. C. and others. Closed cycle biological systems for space feeding. Food Tech 12:453-4, 458 S '58

Herrick, S. and Baker, R. M. L. Recent advances in astrodynamics. Jet Propulsion 28:653-4 O '58

Hodgson, J. G. and Tischer, R. G. Space feeding problems; a bibliography. Food Tech 12:459-60+ S '58

Institute of food technologists. Feeding men during space flights: contributions to the session on space feeding. R. G. Tischer, chairman, 18th annual meeting of the Institute, Chicago, May 28, 1958. (Studies in food science and technology, 2) The institute '58 incl bibliog

—Same. Food Tech 12:429-63 S '58 incl bibliog

International astronomical federation. List of literature of the IAF-archives. Spécification de la littérature aux archives de la IAF. Literaturverzeichnis des IAF-archives. The federation '56 18p

Koelle, H. H. and Kaeppler, Hans J. Literaturverzeichnis der astronautik. Literature-index of astronautics; mit einer gliederung der raumfahrtforschung nach einem vorschlag von E. Saenger. Pustet '54 100p

Krieger, Firmin Joseph, ed. Casebook on Soviet astronautics. (Research memorandum, RM-1760, RM-1922) Rand corp. '56-'57 2v

Ley, Willy. Rockets, missiles, and space travel, rev & enl ed Viking '57 p489-520 annot

List of books about satellites, space travel and related subjects. Pub W 173:101-4 F '58 annot

Mannogian, H. A. Challenge of space. Electronics 32:80 Ap 24 '59

Moore, Patrick Alfred. Space exploration. (Readers' guides, 3d ser) Nat. bk. league '58 36p annot

Müller, Wolfgang Daniel. Men among the stars. Criterion bks. '57 p303-7

Rand corporation. Astronautics and its applications. (Research memorandum RM-2289-RC) The corporation '58 p405-42

Ross, M. D. and Lewis, M. L. Role of manned balloons in the exploration of space. Aero/Space Eng 17:52+ Ag '58

Seifert, Howard Stanley, ed. Space technology [by] L. M. K. Boelter [and others] Wiley '59 incl bibliog

Smith, Dale R. Space travel; a bibliog. of English-language titles. The author '56 15p

Turrell, Virginia. Space; an annot. sel. bk. list. (List no 1) Bull bibliog. service '59 11p

United States. Department of the army. Army library. Space travel; a sel. list of titles for lecturers and students. (Special bibliog, no2) The library '56 11p

See also

Interplanetary voyages

Juvenile literature

McCauley, V. C. Bibliography of space literature for boys and girls. El Ensl 36:98-101 F '59

New York (city). Board of education. Division of curriculum development. Science, grades K-6; 2, Earth in space. (Curriculum bul. 1958-59 ser, no2b) The division '59 p49-52 annot

Military application

United States. Department of the army. Army library. Military aspects of space exploration; a sel. list of titles. (Special bibliog. no 16) The library '58 55p

SPACE law. See Airspace (international law)

SPACE medicine. See Aeronautics—Medical aspects

SPACE perception

Kottenhoff, H. Situational and personal influences on space perception with experimental spectacles. Acta Psychol 13 no2:96-7 '57

Linschoten, Johannes. Strukturanalyse der binokularen tiefenwahrnehmung; eine experimentelle untersuchung. Wolters '56 p542-73

Semmes, J. and others. Spatial orientation in man after cerebral injury. J Psychol 39: 242-4 Ja '55

SPACE travel. See Space flight

SPACES, Generalized

Day, M. M. Normed linear spaces. Ergeb Math ns no21:124-31 '58

Naas, Josef, and Schröder, Kurt, eds. Der begriff des raumes in der geometrie; bericht von der Riemann-tagung des Forschungsinst. für mathematik; mit beiträgen von A. D. Alexandrow [et al] (Akad. der wissenschaften, Berlin, Forschungsinst. für mathematik. Schriftenreihe, no 1) Akademie-verlag '57 incl bibliog

SPACING of plants. See Plants, Space arrangement of

SPAIN

Bibliografía hispanoamericana. See numbers of Revista hispánica moderna

British bulletin of publications on Latin America, the West Indies, Portugal and Spain. Hispanic and Luso-Brazilian councils, Canning house lib. See numbers

SPAIN—*Continued*

Hilton, Ronald, ed. Handbook of Hispanic source materials and research organizations in the United States. 2d ed Stanford univ. press '56 448p

Madrid. Biblioteca nacional. Catálogo de la exposición de bibliografía hispanística, celebrada en la Biblioteca, 31 de enero-15 de febrero 1957. Patronato del Primer centenario de Marcelino Menéndez y Pelayo '57 297p

Moliner de Arévalo, Matilde. Geografía de España. (Enciclopedia amena de cultura) Compañía bibliog. española '55? p565-86

Morton, Henry Canova Vollam. Stranger in Spain. Dodd '55 p365-6

Peers, Edgar Allison, ed. Spain; a companion to Spanish studies. 5th ed. rev. & enl. by R. F. Brown. Pitman '56 incl bibliog

See also
Catalonia
Panhispanism

Church history

Méndez, Francisco. Índice-catálogo de la biblioteca del padre E. Flórez, o España sagrada; publicalo, con una breve introd. Angel Custodio Vega. Real acad. de la historia '52 309p

See also
Cistercians in Spain

Civilization

Vicens Vives, Jaime, ed. Historia social y económica de España y América. Editorial Teide '57 2v v 1, p491-4; v2, p549-55

Colonies

Rowe, J. H. Incas under Spanish colonial institutions. Hispan Am Hist R 37:191-9 My '57

Shafer, Robert Jones. Economic societies in the Spanish world (1763-1821) Syracuse univ. press '58 p367-98 annot

Commerce

History

Lapeyre, Henri. Une famille de marchands: les Ruiz; contribution à l'étude du commerce entre la France et l'Espagne au temps de Philippe II. (Affaires et gens d'affaires, 8) Colin '55 p9-41

Description and travel

Terán, Manuel de, ed. Geografía de España y Portugal; v 1, España; geografía física, por L. Solé Sabarís con la colaboración de P. Font Quer [and others] Montaner y Simón '52 incl bibliog

Festivals

Castelló Villena, Miguel. Bibliografía de las hogueras de San Juan de Alicante. Comisión provincial de monumentos '57 221p

Foreign relations

Mexico

Smith, Lois Elwyn. Mexico and the Spanish republicans. (Calif. Univ. Pubs. in political science, v4, no2) Univ. of Calif. press '55 p307-10

Historical geography

Stanislawski, Dan. Individuality of Portugal; a study in historical-political geography. Univ. of Tex. press '59 p219-28

History

Ballesteros y Beretta, Antonio. Síntesis de historia de España. 8th ed Salvat editores '52 incl bibliog

Bibliografía histórica de España e Hispanoamérica. 1953-1954[-1958] (V 1-4) Teide '55- '59 4v

Published also quarterly as *Índice histórico español* Davies, Reginald Trevor. Spain in decline, 1621-1700. Macmillan '57 p 165-70

Fernsworth, Lawrence. Spain's struggle for freedom. Beacon press '57 p361-4 annot

Gómez Molleda, D. Bibliografía histórica española, 1950-1954. Instituto Jerónimo Zurita; Instituto Nicolás Antonio de bibliografía '55 491p

Notas bibliográficas. See numbers of Archivo ibero-americano

Shafer, Robert Jones. Economic societies in the Spanish world (1763-1821) Syracuse univ. press '58 p367-98 annot

Valdeavellano, Luis G. de. Historia de España; I De los orígenes a la baja edad media. (Manuales) Revista de occidente '52 incl bibliog

House of Austria, 1516-1700

Marañón, Gregorio. Antonio Pérez, Spanish traitor; tr. from the Spanish by Charles David Ley. Roy pubs. '55 p355-72

Napoleonic conquest, 1808-1813

Artola, Miguel. Los afrancesados; con un prólogo de Gregorio Marañón. Soc. de estudios y publicaciones '53 p295-314

Pla y Cargol, Joaquín. La guerra de la independencia en Gerona y sus comarcas. (Biblioteca gerundense de estudios e investigaciones) Dalmáu Carles, Pla '53 p323-5

Spain. Ministerio de información y turismo. Delegación de Barcelona. Exposición de libros y grabados de arte e historia militar y de documentos del período de la Guerra de la independencia de la Biblioteca de Peralada, que se celebrará en Barcelona en la capilla del antiguo Hospital de la Santa Cruz, del 26 de enero al 3 de febrero de 1954. Biblioteca del Palacio de Peralada '54 180p

War of 1898

See also

United States—History—War of 1898

Civil war, 1936-1939

Cattell, David Tredwell. Communism and the Spanish civil war. (Calif. Univ. Pubs. in international relations, v4) Univ. of Calif. press '55 p249-67

Cattell, David Tredwell. Soviet diplomacy and the Spanish civil war. (Calif. Univ. Pubs. in int. relations, v5) Univ. of Calif. press '57 p 179-90

Colodny, Robert Garland. Struggle for Madrid; the central epic of the Spanish conflict, 1936-37. Paine-Whitman '58 p239-43

Smith, Lois Elwyn. Mexico and the Spanish republicans. (Calif. Univ. Pubs. in political science, v4, no2) Univ. of Calif. press '55 p307-10

History, Military

Spain. Ministerio de información y turismo. Delegación de Barcelona. Exposición de libros y grabados de arte e historia militar y de documentos del período de la Guerra de la independencia de la Biblioteca del Palacio de Peralada, que se celebrará en Barcelona en la capilla del antiguo Hospital de la Santa Cruz, del 26 de enero al 3 de febrero de 1954. Biblioteca del Palacio de Peralada '54 180p

History, Naval

Spain. Consejo superior de investigaciones científicas. Instituto histórico de marina. Índice de los expedientes y papeles de la sección de indiferente del Archivo central de marina; v 1, 1730-1794. The institute '51 295p

Nobility

Saltillo, Miguel Lasso de la Vega y López de Tejada, marqués del. Historia nobiliaria española, contribución a su estudio. Maestre '51 p493-503

Politics and government

Artola, Miguel. Los afrancesados; con un prólogo de Gregorio Marañón. Soc. de estudios y publicaciones '53 p295-314

Coles, Sydney Frederick Arthur. Franco of Spain; a full-length biography. Newman press '56 p245-8

Religion

Hughey, John David. Religious freedom in Spain; its ebb and flow. Broadman '55 p201-7 annot

See also

Catholic church in Spain

SPALATIN, Georg, 1484-1545

Volz, H. Bibliographie der im 16. jahrhundert erschienenen schriften Georg Spalatins. Z Bibl & Bibliog 5 no2:83-119 '58

SPANIARDS in the Philippine Islands

Phelan, John Leddy. Hispanization of the Philippines; Spanish aims and Filipino responses, 1565-1700. Univ. of Wis. press '59 p 199-210 annot

SPANISH AMERICA. See Latin America

SPANISH AMERICAN drama

Correa, Gustavo, and Cannon, Calvin. *La loa en Guatemala; contribución al estudio del teatro popular hispanoamericana*. (Pub. no27) Middle Am. research inst, Tulane univ. '58 p93-6

SPANISH AMERICAN fiction

See also
Colombian fiction

SPANISH AMERICAN literature

Handbook of Latin American studies, no 18[-21] Univ. of Fla. press '55-'59 4v no 18, p 186-213; no 19, p241-77; no20, p229-64; no21, p 191-242 annot

Hispanic society of America. Library. List of books printed before 1601 in the library of the Hispanic society of America, by Clara Louisa Penney; offset reissue with additions. (Hispanic notes and monographs; essays, studies, and brief biographies; catalogue ser) The society '55 305p

Leguizamón, Julio A. *Bibliografía general de la literatura hispanoamericana*. Editoriales reunidas '54 213p

Sánchez, Luis Alberto. *Repertorio bibliográfico de la literatura latino-americana*. Univ. de Chile '55-'57 2pts

Simón Díaz, José. *Bibliografía de la literatura hispánica; dirección y prólogo de Joaquín de Entrambasaguas. Consejo superior de investigaciones científicas, Inst. Miguel de Cervantes de filología hispánica '50-'55 4v*

See also
Brazilian literature
Colombian literature
Cuban literature
Mexican literature
Spanish American drama
Uruguayan literature
Venezuelan literature

History and criticism

Dissertations in the Hispanic languages and literatures—1954[-1958] *Hispania* 38:182-6; 39:320-4; 40:196-9; 41:195-9; 42:214-19 My '55, My '56, My '57, My '58, My '59

SPANISH AMERICAN poetry

History and criticism

Gicovate, Bernard. *Julio Herrera y Reissig and the symbolists*. Univ. of Calif. press '57 p97-103

SPANISH AMERICAN war, 1898. See United States—History—War of 1898

SPANISH drama

History and criticism

MacCurdy, Raymond R. *Francisco de Rojas Zorrilla and the tragedy*. (N.Mex. Univ. Pubs. in language and literature, no 13) Univ. of N.Mex. press '58 p 154-61

SPANISH drama (comedy)

Bellamy, Lauretta M. and Klemme, Anna Carol. *List of the plays in García Rico y Cía's Colección de comedias españolas de los siglos XIX y XX*. Univ. of Colo. libs. '56 140p

SPANISH fiction

Montesinos, José Fernández. *Introducción a una historia de la novela en España, en el siglo XIX; seguida del esbozo de una bibliografía española de traducciones de novelas (1800-1850) (Biblioteca de erudición y crítica 1)* Editorial Castalia '55 p 183-345

Woodbridge, H. C. *Spanish fiction in English translation: a bibliography for 1944-1955*. *Ky Foreign Lang Q* 3 no4:197-205 '56

SPANISH-FRENCH war, 1635-1659. See Franco-Spanish war, 1635-1659

SPANISH language

Bibliografía, 1953[-1958] *R. Dialect & Tradic Popul* 9 no4:727-58; 10 no4:662-700; 11 no4:557-99; 12 no4:560-600; 13 no4:551-80; 14 no4:531-58 '53-'58

Handbook of Latin American studies, no 18[-21] Univ. of Fla. press '55-'59 4v no 18, p 182-6; no 19, p236-40; no20, p225-9; no21, p 191-5 annot

Provincialisms

Lope Blanch, Juan M. *Observaciones sobre la sintaxis del español hablado en México*. (Pubs. 1) Inst. hispano mexicano de investigaciones científicas '53 p9-15

Latin America

Woodbridge, H. C. *Central American Spanish: a bibliography (1940-1953)* *R. Interam Bibliog* 6:103-15 Ap '56 annot

Verb

Criado de Val, M. *Análisis verbal del estilo; índices verbales de Cervantes, de Avelaneda y del autor de La tía fingida*. (Anejo 57) *Revista de filología española* '53 p 119-29

Versification

Carballo Picazo, Alfredo. *Métrica española*. (Monografías bibliográficas, 5-6. *Filología* 1-2) Inst. de estudios madrileños '56 161p

SPANISH literature

Hispanic society of America. Library. List of books printed before 1601 in the library of the Hispanic society of America, by Clara Louisa Penney; offset reissue with additions. (Hispanic notes and monographs; essays, studies, and brief biographies; catalogue ser) The society '55 305p

Simón Díaz, José. *Bibliografía de la literatura hispánica; dirección y prólogo de Joaquín de Entrambasaguas. Consejo superior de investigaciones científicas, Inst. Miguel de Cervantes de filología hispánica '50-'55 4v*
Simón Díaz, José. *Libros madrileños de los siglos de oro*. Inst. de estudios madrileños '53 36p

See also

Catalan literature
Gallegan literature
Literature, Comparative—English and Spanish
Spanish American literature
Spanish drama
Spanish poetry

Catholic authors

Molinar de la Cruz, J. M. *Repertorio de autores españoles de espiritualidad*. *R. Espiritualidad* 14:53-70, 385-403; 15:95-100, 209-27 Ja, O '55, Ja-Ap '56

History and criticism

Chabás, Juan. *Literatura española contemporánea, 1898-1950*. *Cultural* '52 p685-6

Chabás, Juan. *Nueva y manual historia de la literatura española*. 2d ed *Cultural* '53 p385-407

Díaz-Pajala, Guillermo. *Historia de la literatura española*. *Historia de la literatura mexicana* [por] Francisco Monterde. Editorial Porrúa '55 p 15-20

José Prades, Juana de. *La teoría literaria (retóricas, poéticas, preceptivas, etc) (Monografías bibliográficas, 3. Literatura, 1)* Inst. de estudios madrileños '54 55p

López Martínez, R. *Bibliografía hispánica*. *R. Interam Bibliog* 7:155-65 Ap '57

Resnick, Seymour, and Pasmantier, Jeanne, eds. *Anthology of Spanish literature in English translation*. Ungar '58 2v v2, p605-6

Sindbād, the Philosopher. *Book of the wives of women*; tr. by John Esten Keller. (MLA tr. ser, no2; N.C. Univ. Studies in the Romance languages and literatures, no27) Univ. of N.C. press '56 p58-60

Translations from English

United States. Library of Congress. Hispanic foundation. Provisional bibliography of United States books translated into Spanish. (Hispanic foundation bibliog. ser, no3) The foundation '57 471p

Translations into English

Woodbridge, H. C. *Spanish fiction in English translation: a bibliography for 1944-1955*. *Ky Foreign Lang Q* 3 no4:197-205 '56

19th century

Artigas-Sanz, María Carmen de. *El libro romántico en España*. (Colección bibliog. v 10-13) Inst. Miguel de Cervantes de filología hispánica, Consejo superior de investigaciones científicas '53-'55 3v

SPANISH manuscripts. See Manuscripts, Spanish

SPANISH missions of California

Baer, Kurt. *Treasures of mission Santa Inés; a history and catalog of the paintings, sculpture, and craft works*. Acad. of Calif. church history '56 p313-17

- SPANISH missions of California—Continued**
 Englebert, Omer. Last of the conquistadors, Junipero Serra, 1713-1784; tr. from the French by Katherine Woods. Harcourt '56 p355-9
 King, Kenneth Moffat. Mission to paradise; the story of Junipero Serra and the missions of California. Franciscan herald '56 p 187-90 annot
 Palou, Francisco. Life of Fray Junipero Serra; tr. & annot. by Maynard J. Geiger. (Documentary ser. v3) Acad. of Am. Franciscan history '55 p499-520
- SPANISH philology**
 Hall, Pauline Cook. Bibliography of Spanish linguistics; articles in serial publications. (Language dissertation no54) Linguistic soc. of Am. '57 162p
 Rohlf, Gerhard. Manual de filología hispánica; guía bibliog. crítica y metódica; tr. castellana del manuscrito alemán por Carlos Patiño Roselli. (Pubs. 12) Inst. Caro y Cuervo '57 377p
- SPANISH poetry**
 Darío, Rubén, and Jiménez, Juan Ramón. Literary collaboration and the personal correspondence of Rubén Darío and Juan Ramón Jiménez, by Donald F. Fogelquist (Miami. Univ. Hispanic Am. studies, no 13) Univ. of Miami press '56 p44-6
- History and criticism**
 Bihler, Heinrich. Spanische versdichtung des mittelalters im lichte der spanischen kritik der aufklärung und vorromantik. (Spanische forschungen der Görresgesellschaft, 2d ser, v6) Aschendorff '57 p217-22
- SPANISH succession, War of, 1701-1714**
 Coombs, Douglas. Conduct of the Dutch; British opinion and the Dutch alliance during the War of the Spanish succession. Nijhoff '58 p385-98
- SPARK plugs**
 Blackburn, George Frederick. Bibliography on ignition and spark-ignition systems. (Circ. 580) U.S. Nat. bur. of standards '56 15p
- SPATH, Leonard Frank, 1882-1957**
 Cox, L. R. Leonard Frank Spath, 1882-1957. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p222-6)
- SPEAKING. See** Oratory; Public speaking; Rhetoric; Voice
- SPECIAL education**
Germany
 Heese, Gerhard. Bibliographie der buch- und zeitschriftenliteratur auf den gebieten der sonderschulpädagogik in der Deutschen Demokratischen Republik, 1947-1955; allgemeine sonderschulpädagogik, blindenpädagogik, sehgeschwachen-, gehörlosen-, schwerhörigenpädagogik, sprachgestörtenpädagogik mit phonetik, schwachsinnigen-, körperbehindertenpädagogik, hrsg. vom Deutschen pädagogischen zentralinstitut. (Sonderschule. Beiheft) Verlag Volk & wissen '57 63p
- SPECIAL libraries. See** Libraries, Special
- SPECIES**
 American association for the advancement of science. Species problem; a symposium presented at the Atlanta meeting of the Association, Dec. 28-29, 1955; ed. by Ernst Mayr. (Pub. no50) The association '57 incl bibliog
 Nilsson, Heribert. Synthetische artbildung; grundlinien einer exakten biologie. Gleerup '53 2v v.2, p 1249-92
See also
 Hybridization
 Natural selection
 Variation (biology)
- SPECIES, Origin of. See** Origin of species
- SPECIFIC gravity**
 Liuzzo, J. A. and others. Determination of specific gravity by air displacement. J Animal Sci 17:520 Ag '58
See also
 Gravity
- SPECIFICATIONS**
 United States. Small business administration. U.S. government specifications directory; a guide to reference sources of U.S. Gov. specifications and standards, and appropriate indexes; prepared by the Office of procurement and technical assistance. The administration '54 19p
- United States. Small defense plants administration. Specifications directory; a guide to the location of government activities & depository libs. receiving federal and military specifications & standards and appropriate indexes. Office of contract procurement, Procurement services div. '53 23p
- SPECTROCHEMISTRY**
 American society for testing materials. Symposium on spectrochemical analysis for trace elements, presented at the 60th annual meeting [of the Society, Atlantic City, N.J. June 18, 1957. (Special technical pub. no221) The society '58 incl bibliog
- SPECTROMETRY**
 Reilly, C. A. Nuclear magnetic resonance spectrometry. Anal Chem 30:848 Ap '58
See also
 Mass spectrometry
- SPECTROPHOTOMETRY**
 French, C. S. and others. Fluorescence-spectrum curves of chlorophylls, pheophytins, phycoerythrins, phycocyanins and hypericin. Plant Physiol 31:373-4 S '56
 Hirt, R. C. Ultraviolet spectrophotometry. Anal Chem 28:582-3; 30:592-3 Ap '56, Ap '58
 Riddle, J. W. and others. Bacterial identification by infrared spectrophotometry. J Bact 72:602-3 N '56
- SPECTROSCOPY**
 Florida. University. College of engineering. Transactions of the Florida seminars on spectroscopy, 1955-1957; a comp. of papers presented at the 3d, 4th and 5th Fla. seminars on spectroscopy. (Engineering progress at the Univ. of Fla. v 12, no 11; Bul. ser. no 100) Fla. engineering & industrial experiment station '58 incl bibliog
 Gore, R. C. Infrared spectroscopy. Anal Chem 28:578; 30:572-9 Ap '56, Ap '58
 Meggers, W. F. and Scribner, B. F. Emission spectroscopy. Anal Chem 28:620-1; 30:601-4 Ap '56, Ap '58
 Survey of current literature relating to scientific instruments. See numbers of British scientific instrument research association. Bulletin
- SPECTRUM, Infrared**
 Gore, R. C. Infrared spectroscopy. Anal Chem 28:578; 30:572-9 Ap '56, Ap '58
 Great Britain. Ministry of supply. Bibliography of published information on infrared spectroscopy, 1948-1951[1951-1953] (V 1-2) H.M.S.O. '55 2v
 Hershenson, Herbert Malcolm. Infrared absorption spectra, index for 1945-1957. Academic press '59 111p
 Riddle, J. W. and others. Bacterial identification by infrared spectrophotometry. J Bact 72:602-3 N '56
 United States. Library of Congress. Technical information division. Infrared, a bibliography, by Clement R. Brown [and others] The division '54 374p
- SPECTRUM, Microwave**
 Townes, Charles H. and Schawlow, A. L. Microwave spectroscopy. (Int. ser. in pure and applied physics) McGraw '55 p649-82
- SPECTRUM, Solar**
 Merrill, Paul Willard. Lines of the chemical elements in astronomical spectra. (Mount Wilson observatory. Papers, v9; Pub. 610) Carnegie inst. of Washington '56 p79-102
 Mural, Alexander L. von, ed. 25 Jahre hochalpine forschungsstation Jungfrauoch. (Experientia sup6) Birkhäuser verlag '57 p72-86
- SPECTRUM, Ultraviolet**
 Hershenson, Herbert M. Ultraviolet and visible absorption spectra: index for 1930-1954. Academic press '56 205p
 Hirt, R. C. Ultraviolet spectrophotometry. Anal Chem 28:582-3; 30:592-3 Ap '56, Ap '58
See also
 Ultraviolet rays
- SPECTRUM analysis**
 American chemical society. Division of petroleum chemistry. Symposium on spectroscopy in the petroleum industry, Apr. 4 to 7, Cincinnati. (Symposium no32) The division '55 incl bibliog
 Boer, Dirk Hendrik Willem den. Massaspektrometrische bepaling van bio-isotopen en enkele toepassingen; Mass spectrometric determination of bio-isotopes and some applications. A. Osthoeck '54 p67-9

SPECTRUM analysis—Continued

- Ingram, David John Edward. Spectroscopy at radio and microwave frequencies. Philosophical lib. '56 incl bibliog
- Mavrodineanu, Radu, and Boiteux, Henri. L'analyse spectrale quantitative par la flamme; préf. du professeur J. Cabannes. (Pub. de l'Office de la recherche scientifique outre-mer) Masson '54 incl bibliog
- Mellon, M. G. and Boltz, D. F. Light absorption spectrometry. Anal Chem 28:571-6; 30:563-9 Ap '56, Ap '58
- Pokorný, Adolf. Spektrografie a její použití v praxi, se zvláštním zřetelom k hutnictví a slévárenství. (Knižnice hutnického průmyslu, no 13) Průmyslové vydavatelství '52 p410-55
- Scribner, Bourdon Francis, and Meggers, William Frederick. Index to the literature on spectrochemical analysis. pt31-41 1946-1950[-1951-1955] (Special technical pub. 41-C-41-D) Am. soc. for testing materials '54-'59 2v
- Smith, D. M. Spectrographic analysis of tin and tin-lead solders. Tin Res Inst Pub 160:30-1 Ja '51
- See also*
Absorption spectra
Chemistry, Analytic—Qualitative
Spectrochemistry
Spectroscopy
Stars—Spectra

SPECULATION*See also*

- Investments
Securities

SPEECH

- Abstracts of theses in the field of speech and drama. 10[-14] Speech Monog 22:142-56, 157-216; 23:84-126; 24:84-151; 25:84-149; 25:87-147 Je-Ag '55, Je '56, Je '57, Je '58, Je '59
- Akin, Johnnye. And so we speak: voice and articulation. Prentice-Hall '58 incl bibliog
- Auer, John Jeffery. Introduction to research in speech. Harper '59 incl bibliog
- Baird, Albert Craig, and Knower, Franklin H. General speech, an introduction. 2d ed (McGraw-Hill ser. in speech) McGraw '57 incl bibliog
- Bibliography for Project on delayed auditory feedback by Samuel Sutton [and others] Dept. of psychiatry, College of physicians & surgeons, Columbia univ. '56 25p
- Black, John Wilson, and Moore, Wilbur Erwin. Speech: code, meaning, and communication. (McGraw-Hill ser. in speech) McGraw '55 incl bibliog
- David, E. E. Signal theory in speech transmission. Inst Radio Eng Trans CT 3:243-4 D '56
- Desfosses, Beatrice. Your voice and your speech; self-training for better speaking. Hill & Wang '59 p279-80
- Di Carlo, Louis Michael, and others. Speech after laryngectomy: a comparative study of the breathing and speech coordinations of laryngectomized and normal subjects, and the relationships between the breathing and speech coordinations and articulatory errors of laryngectomized subjects to their speech intelligibility. (Syracuse univ. Special education and rehabilitation monograph ser. 1) Syracuse univ. press '55 p 181-4
- Doctoral dissertations in areas contiguous to speech. Speech Monog 24:299-308 N '57
- Graduate theses: an index of graduate work in speech 22[-26] Speech Monog 22:111-35; 23:189-215; 24:155-80; 25:151-76; 26:155-82 Je '55, Ag '56, Ag '57, Ag '58, Ag '59
- Gray, Giles Wilkeson, and Wise, Claude Merton. Bases of speech. 3d ed Harper '59 p533-45
- Holloway, O. Willard. Speaking improvement; sel. study materials. (Special bibliog. no 17) U.S. Army artillery & missile school lib. '58 9p
- Mulgrave, Dorothy Irene. Speech for the classroom teacher. 3d ed Prentice-Hall '55 incl bibliog
- Richards, D. L. and Swaffield, J. Assessment of speech communication links. Inst Elec Eng Proc 106 ptB:88-9 Mr '59
- Robson, Ernest M. and Kennedy, James T. Orchestra of the language. Yoseloff '59 p 199-200
- Rogers, C. A. Orectic relations of verbal fluency. Australian J Psychol 8:43-6 Je '56

- Santiago, Florence M. Inexpensive or free materials useful for teaching speech; a source list for secondary schools. Braun-Brumfield '59 142p annot
- Speech association of America. Table of contents of the Quarterly journal of speech, 1915-1956. Speech monographs, 1934-1956, and the Speech teacher, 1952-1956; with a rev. index comp. through 1956 by Franklin H. Knower. The association '57 74p
- Swaffield, J. and Richards, D. L. Rating of speech links and performance of telephone networks. Inst Elec Eng Proc 106 ptB:75-6 Mr '59
- United States. Office of naval research. Annotated bibliography and critical review of voice communications [by] Physiological psychology branch. Psychological sciences division. (ONR rep. ACR-26) The office '53 117p
- Van Riper, Charles, and Irwin, John V. Voice and articulation. Prentice-Hall '58 p497-536
- Winkler, Christian, and Essen, Erika. Deutsche sprechkunde und sprecherziehung. Pädagogischer verlag Schwann '56 p465-88
- See also*
Children—Language
Phonetics
Voice

Research in progress

- Doctoral dissertations in speech: work in progress. 1955[-1959] Speech Monog 22:136-41; 23:79-83; 24:77-83; 25:77-83; 26:79-86 Je '55, Je '56, Je '57, Je '58, Je '59

Study and teaching

- Reid, Loren Dudley. Teaching speech. 2d ed Artcraft press '56 incl bibliog

SPEECH defects

- Abstracts. See numbers of Journal of speech and hearing disorders
- Cypreans, Lucile, and others. Speech development, improvement, and correction; methods and materials for the classroom teacher and the speech therapist. Ronald '59 p335-43 annot
- Graduate theses in speech and hearing disorders. 1954[-1955] J Speech & Hear Dis 21:94-100; 22:104-12 Mr '56, Mr '57
- Hahlbrock, Karl Heinz. Sprachaudiometrie; Grundlagen und praktische anwendung einer sprachaudiometrie für das deutsche sprachgebiet; mit einem geleitwort von F. Zöllner. Thieme '57 p 175-82
- Hirsch, K. de, and Jansky, J. J. Language investigation of children suffering from familial dysautonomia. J Speech & Hearing Dis 21:459-60 D '56
- House, A. S. and Stevens, K. N. Analog studies of the nasalization of vowels. J Speech & Hearing Dis 21:231-2 Je '56
- Irwin, Ruth (Beckey). Speech and hearing therapy. Prentice-Hall '53 incl bibliog
- Milisen, Robert, and others. Disorder of articulation; a systematic clinical and experimental approach. (Journal of speech and hearing disorders. Monograph sup4) Am. speech & hearing assn. '54 incl bibliog
- Morley, D. E. Speech disorders resulting from bulbar poliomyelitis. J Speech & Hear Dis 20:163-4 Je '55
- Mulgrave, Dorothy Irene. Speech for the classroom teacher. 3d ed Prentice-Hall '55 p442-5
- Orthmann, Werner. Sprechkundliche behandlung funktioneller stimmstörungen; anwendung der kaumethode (Früschels, Chewing approach) für hyperkinetische stimmstörungen. (Berlin. Univ. Inst. für sonderschulwesen. Beiträge zum sonderschulwesen, heft 11) Marhold '56 p 165-74
- Penfield, Wilder, and Roberts, Lamar. Speech and brain mechanisms. Princeton univ. press '59 p259-79
- Travis, Lee Edward, ed. Handbook of speech pathology [contributing auths: Stanley Ainsworth and others] Appleton '57 incl bibliog
- Van Riper, Charles. Speech correction; principles and methods. 3d ed Prentice-Hall '54 incl bibliog
- Workshop on speech correction in special education. Catholic university of America. 1957. Speech correction; the proceedings of the Workshop, conducted June 14 to June 25, 1957; ed. by Mary Cyprian Spradling. Catholic univ. of Am. press '58 incl bibliog
- See also*
Aphasia
Stammering

SPEECH education

Eisenson, Jon, and Ogilvie, Mardel. Speech correction in the schools. Macmillan '57 incl bibliog

Pronovost, Wilbert, and Kingman, Louise. Teaching of speaking and listening in the elementary school. Longmans '59 incl bibliog

Roach, Bruce. Speech education in Texas secondary schools. (Research study no25) Tex. study of secondary education '58 p25-6

SPEECHES, addresses, etc.

Sutton, Roberta (Briggs). Speech index, 1935-1955. Scarecrow '56 448p

SPEEDBALL

Soccer—speedball guide; incl. field ball for girls and women with official rules and standards, July 1958-July 1960; eds. Bonnie Jo Bevans and Anita Nussis [Soccer bibliog. rev. by Suzanne M. Powell; Sel. speedball bibliog. rev. by Catharine Wakefield] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p89-90

SPELEOLOGY. See Caves**SPELLING**

Furness, Edna Lue, and Boyd, Gertrude Anna. Hard spots in hard words for secondary school students. (Bul. no4) Curriculum & research center, Univ. of Wyo. '58 p 11-12

Russell, D. H. Second study of characteristics of good and poor spellers. J Educ Psychol 46:138-41 Mr '55

Study and teaching

Austin, Texas. Casis school. Spelling instruction; a curriculum-wide approach, by the Casis school faculty; directed and ed. by Thomas D. Horn [and] Henry J. Otto. (Pub. no2) Bur. of laboratory schools, Tex. univ. '54 p 152-60

Hildreth, Gertrude Howell. Teaching spelling; a guide to basic principles and practices. Holt '55 incl bibliog

SPENCER, William Kingdon, 1878-1955

Hawkins, H. L. William Kingdon Spencer, 1878-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p297-8)

SPENSER, Edmond, 1552?-1599

Berger, Harry. Allegorical temper: vision and reality in book II of Spenser's Faerie queene. (Yale studies in English, v 137) Yale univ. press '57 p241-6

Freeman, Rosemary, Edmund Spenser. (Bibliog. ser. of sups. to British bk. news, no89) Longmans '57 p35-9

SPERANSKII, Mikhail Mikhailovich, graf, 1772-1839

Racfi, Marc. Michael Speransky, statesman of imperial Russia, 1772-1839. Nijhoff '57 p368-75

SPERMATOGENESIS

Oakberg, E. F. Gamma-ray sensitivity of spermatogonia of the mouse. J Exp Zool 154:355-6 Mr '57

Tobias, Phillip V. Chromosomes, sex-cells, and evolution in a mammal; based mainly on studies of the reproductive glands of the gerbil, and a new list of chromosome numbers of mammals; foreword by Theodosius Dobzhansky. Lund '56 p363-84

SPERMATOGENIA. See Spermatogenesis**SPERMATOZOA**

Albright, J. L. and others. Motility of bovine spermatozoa stored at 5° C when extended in mixtures of yolk-citrate, yolk-glycine, whole milk, skim milk, and glycerol. J Dairy Sci 41:528-9 Ap '58

Anberg, Ake. Ultrastructure of the human spermatozoon; an electronmicroscopic study of spermatozoa from sperm samples and the epididymis incl. some observations of the spermatid. (Acta obstetrica et gynecologica scandinavica, v36, sup2) Cirkelförlaget '57 p 126-33

Blackshaw, A. W. and others. Factors influencing metabolic activity of bull spermatozoa. J Dairy Sci 40:1098, 1105-6 S '57

Braden, A. W. H. Strain differences in the morphology of the gametes of the mouse. Australian J Biol Sci 12:70-1 F '59

Bratton, R. W. and others. Fertility of bovine spermatozoa stored at minus 79°C. for one week and for seventeen weeks. J Dairy Sci 40:161-2 F '57

Duijn, C. van. Cytomicrochemistry of human spermatozoa. Roy Micros Soc J 74: 104-6 O '54

Grunfeld, F. J. and Merilan, C. P. Effect of supplementary amino acids and adenosine phosphates on motility and metabolism of bovine spermatozoa. (Research bul. 592) Agricultural experiment station, College of agriculture, Univ. of Mo. '55 p 18-20

Hafs, H. D. and others. Libido, sperm characteristics, sperm output, and fertility of mature dairy bulls ejaculated daily or weekly for thirty-two weeks. J Dairy Sci 42:634-6 Ap '59

Norman, C. and Johnson, C. E. Effect of pH on the life-span and metabolism of bovine sperm kept at room temperatures. J Dairy Sci 41:1811-12 D '58

Smith, J. T. and others. Effect of egg yolk and its isolated constituents upon the dehydrogenase activity of bovine spermatozoa. J Dairy Sci 39:558-60 My '56

Van Duijn, C. Biometry of human spermatozoa. Roy Micros Soc J 76:27 O '58

Willett, E. L. and Ohms, J. I. Measurement of testicular size and its relation to production of spermatozoa by bulls. J Dairy Sci 40:1568-9 D '57

Wu, S. H. and McKenzie, F. Microstructure of spermatozoa after denudation as revealed by the electron microscope. J Animal Sci 14:1165-6 N '55

See also

Polyspermy

Semen

SPICES

American spice trade association. Heritage of spices. The association '56 p [16]

See also

Pepper (spice)

SPIDERS

Gertsch, Willis John. North American bolas spiders of the genera mastophora and agatostichus. (Bul. v 106, article 4) Am. museum of natural history '55 p253-4

Levi, H. W. Spider genus latrodectus (araneae, theridiidae) Am Micros Soc Trans 78: 43 Ja '59

Precht, H. and Freytag, G. Über ermüdung und hemmung angeborener verhaltensweisen bei springspinnen (salticidae) zugleich ein beitrag zum triebproblem. Behaviour 13 no3:204-10 '58

Rempel, J. G. Embryology of the black widow spider, latrodectus mactans (Fabr.) Can J Zool 35:73-4 F '57

SPIDERWORDS

Steffensen, D. Effects of various cation imbalances on the frequency of X-ray-induced chromosomal aberrations in tradescantia. Genetics 42:251-2 My '57

SPIES**See also**

Espionage

SPIESS, Karl von, 1880-

Spiess, Karl von. Neue marksteine; drei abb. aus dem gebiete der überlieferungsgebundenen kunst. (Veröffentlichungen, v7) Verlag des österreichischen museums für volkskunde '55 p 117-22

SPILITE

Amstutz, Gerhardt Christian. Spilitic rocks and mineral deposits. (Bul. Technical ser. no96) School of mines & metallurgy, Mo. Univ. '58 p8-11

SPINAL anesthesia

Arner, Ored. Complications following spinal anesthesia; their significance and a technic to reduce their incidence [tr. by Stanley H. Vernon] (Sup. 167) Acta chirurgica scandinavica '52 p 138-46

Dillon, John Bartley. Spinal anesthesia. (Am. lecture ser. pub. no326) Thomas '53 incl bibliog

Greene, Nicholas M. Physiology of spinal anesthesia; with a foreword by John Gillies. Williams & Wilkins '58 incl bibliog

Liljedahl, Sten Otto. Prolongation of tetracaine (pontocaine) spinal anesthesia by supplementary noradrenaline; with special reference to its mode of action [tr. by Stanley H. Vernon] (Sup202) Acta chirurgica scandinavica '55 p84-8

SPINAL cord

Piatt, J. Regeneration of the spinal cord in the salamander. J Exp Zool 129:196-8 Je '55

Diseases**See also**

Infantile paralysis

SPINE

Abnormities and deformities

- Epstein, Bernard S. Spine, a radiological text and atlas. Lea '55 p489-526
- Güntz, Eduard. Die Kypnose im jugendalter. (Die Wirbelsäule in forschung und praxis, v2) Hippokrates-verlag '57 p 132-44
- Hadley, Lee A. Spine; anatomico-radiographic studies: development and the cervical region. Thomas '56 incl bibliog
- Lewin, Philip. Back and its disk syndromes, including injuries, diseases, deformities, and disabilities; with notes on the pelvis and coccyx. 2d ed Lea '55 p890-920

Diseases

- Edgren, Walter, and Vainio, S. Osteochondrosis juvenilis lumbalis. (Sup227) Acta chirurgica scandinavica '57 p 19-20
- Forestier, Jacques, and others. Ankylosing spondylitis; clinical considerations, roentgenology, pathologic anatomy, treatment; tr. by A. U. Desjardins. Thomas '56 p349-61
- Lewin, Philip. Back and its disk syndromes, including injuries, diseases, deformities, and disabilities; with notes on the pelvis and coccyx. 2d ed Lea '55 p890-920
- Romanus, Ragnar, and Ydén, Sven. Pelvo-spondylitis ossificans: rheumatoid or ankylosing spondylitis; a roentgenological and clinical guide to its early diagnosis, especially anterior spondylitis; tr. by Joan Whitehouse. Munksgaard '55 p81-4

Radiography

- Epstein, Bernard S. Spine, a radiological text and atlas. Lea '55 p489-526
- Hadley, Lee A. Spine; anatomico-radiographic studies: development and the cervical region. Thomas '56 incl bibliog
- Lindgren, Erik, ed. Röntgenologie, einschliesslich kontrastmethoden. (Handbuch der neurochirurgie, v2) Springer '54 p251-78

Tuberculosis

- Mårtensson, Lars. Study in spinal tuberculosis in childhood with special reference to some medico-social and clinical aspects; tr. by L. James Brown. (Acta tuberculosea scandinavica. Sup37) Bloms boktr. '54 p 132-44

Tumors

- Törmä, Tapio. Malignant tumours of the spine and the spinal extradural space; a study based on 250 histologically verified cases; tr. by Gunvor Hustich. (Sup225) Acta chirurgica scandinavica '57 p 160-76

Wounds and injuries

- Perey, Olaf. Fracture of the vertebral endplate in the lumbar spine; an experimental biomechanical investigation [English tr. by C. A. Grant] (Suo no25) Acta orthopaedica scandinavica '57 p96-101

SPINNING, Metal. See Metal spinning

SPINOZA, Benedictus de, 1632-1677

- Hallett, H. F. Benedict de Spinoza; the elements of his philosophy. Athlone press '57 p xv-xvi annot

SPIRITISM. See Spiritualism

SPIRITUAL life

- Barrois, George Augustin, ed. Pathways of the inner life; an anthology of Christian spirituality. Bobbs '56 p261-3

- Casteel, John Laurence, ed. Spiritual renewal through personal groups; with an introd. and an interpretation. Assn. press '57 p215-20

- Gautier, Jean, and others. La spiritualité catholique. Le Rameau '53 p287-96

See also

Christian life

Retreats

SPIRITUALISM

- Porter, Katherine H. Through a glass darkly: spiritualism in the Browning circle. Univ. of Kan. press '58 p 150-5

See also

Psychical research

SPIRITUALITY

- Bibliografia. See numbers of Revista de espiritualidad

- Moliner de la Cruz, J. M. Repertorio de autores españoles de espiritualidad. R. Espiritualidad 14:53-70, 385-403; 15:95-100, 209-27 Ja, O '55, Ja-Ap '56

SPIROCHAE. See Spirochetes

SPIROCHETES

- Czekalowski, J. W. and Eaves, G. Formation of granular structures by leptospirae as revealed by the electron microscope. J Bact 67:625-7 Je '54

SPITTLE bugs. See Froghoppers

SPLEEN

Diseases

- Gelin, Gabriel. La rate et ses maladies; préf. du professeur Jean Bernard. Masson '54 incl bibliog

SPLICING. See Knots and splices

SPLIT, Yugoslavia

- Keckemet, D. Bibliografija o Splitu; D2, Od 1860-1955 g. (Izdanje, 7) Muzej grada Splita '56 210p

SPOEHR, Herman Augustus, 1885-1954

- Spoehr, Herman Augustus. Essays on science; a sel. from his works; with a foreword by C. Stacy French; contributions by Alexander Spoehr [and others] and a bibliog comp. by Wilbur A. Pestell. Stanford univ. press '56 p213-17

SPONGES

- Ali, M. A. Addition to the sponge fauna of Madras. Madras Univ J secB 26:299-301 Ag '56

- De Laubenfels, M. W. New species and records of Hawaiian sponges. Pac Sci 11:250-1 Ap '57

- De Laubenfels, M. W. Nomenclature of porifera, especially concerning the so-called glass sponges or hyalospongiae. J Paleont 32:615-16 My '58

- Hartman, W. D. Collection of sponges from the West Coast of the Yucatan peninsula with descriptions of two new species. Bul Marine Sci Gulf & Carib 5:186-9 S '55

SPONGES, Fossil

- Kanvase, Y. and Okulitch, V. J. Archaeocyatha from the lower Cambrian of the Yukon territory. J Paleont 31:929-30 S '57

SPOREFORMING bacteria. See Bacteria.

SPOREforming

SPORES

- Halvorson, Halvor Orin. Spores; a symposium held at Allerton Park, Ill, Oct. 11-12, 1956. (Pub. no5) Am. inst. of biological sciences '58 incl bibliog

- Lingappa, B. T. Cytology of development and germination of resting spores of synchytrium brownii. Am J Bot 45:620 O '58

- Morgan, James Leland. Spores of McAlester coal. (Circ. 36) Okla. Geological survey '55 p44-9

- Wilson, K. A. Ontogeny of the sporangium of phlebotomus (polypodium) aureum. Am J Bot 45:490-1 Je '58

See also

Bacterial spores

Fungal spores

SPORES, Fossil

- Chaloner, W. G. Polysporia mirabilis Newberry, a fossil lycopod cone. J Paleont 32: 209 Ja '58

- Guennel, Gottfried Kent. Miospore analysis of the Pottsville coals of Indiana. (Bul. no 13) Ind. Geological survey '58 p87-9

- Hoskins, J. H. and Abbott, M. L. Selaginellites crassinctus, a new species from the Desmoinesian series of Kansas. Am J Bot 43:46 Ja '56

- Rouse, G. E. Application of a new nomenclatural approach to upper cretaceous plant microfossils from western Canada. Can J Bot 35:373-5 My '57

- Sen, J. Notes on the spores of four carboniferous lycopods. Micropaleontology 4:161-2 Ap '58

- Sommer, F. W. South American paleozoic sporomorphae without haplotypic structures. Micropaleontology 2:180-1 Ap '56

SPOROPHYTES

See also

Apogamy

SPOROZOA

See also

Coccidia

SPORTS

- Arnold, Arno. Bibliographie der sportmedizin und deren grenzgebiete unter berücksichtigung der ausländischen literatur, 1936-1953. Barth '58 637p

- Bibliografie tělovýchovné literatury. Sportovní a turistické nakl. See numbers

- Brünn. Universita. Knihovna. Tělesná výchova a sport; česká a slovenská literatura, 1950-1954; sest. R. Trautmann za spolupráce V. Bednářové a O. Libala. (Výběrové seznamy, 8) The university '55 57p

SPORTS—Continued

- Have fun; a summer sports list. N Y Pub Lib Br Lib Bk News 36:39-47 Ap '59 annot
- Klaus, Emil J. Bibliographie der sportmedizin und ihrer grenzgebiete 1955 (deutschsprachig) Thieme '56 96p
- Mack, Rudolf. Deutsche sportbibliographie, 1945-1952; ein verzeichnis der seit 1945 in der Deutschen Demokratischen Republik, der Bundesrepublik Westdeutschland, in Österreich und der Schweiz erschienenen deutschsprachigen schriften über körperkultur und sport. Sportverlag '53 272p
- Recla, Josef. Wissenschaftliche arbeiten über leibesübungen; werke, bücher, schriften, manuskripte und beiträge in fachzeitschriften des deutschen sprachraumes. Inst. für leibeserziehung, Graz univ. '58 154p
- Riccardi, S. J. 57 notable sporting books of '57. Lib J 83:1501-3 My 15 '58 annot
- Sport y turystyka. Państwowe wydawnictwo. Warsaw. Katalog wydawnictw sportowych i turystycznych. The periodical '53 95p
- Wolff, Horst. Sport, ein auswahlverzeichnis; mit einem vorwort von Wilhelm Daume. Dortmund. Städtische volksbüchereien '56 40p
- See also*
- Aquatic sports
- Archery
- Athletics
- Baseball
- Fencing
- Fishing
- Football
- Games
- Hockey
- Hunting
- Lacrosse
- Mountaineering
- Soccer
- Tennis
- Periodicals
- Track athletics
- Redman, A. B. Classified list of current periodicals in the fields of athletics, health, physical education, and sports published in the United States and Canada. Phys Educ 13:14-18, 54-9 Mr-May '56
- SPORTS for women
- Miller, Donna Mae, and Ley, Katherine L. Individual and team sports for women. (Prentice-Hall physical education ser) Prentice-Hall '55 p480-93
- SPOT tests (chemistry)
- Feigl, Fritz. Spot tests; tr. by Ralph E. Oesper. 4th, completely rev. English edition. Elsevier '54 2v incl bibliog
- Feigl, Fritz. Spot tests in organic analysis: tr. by Ralph E. Oesper. 5th enl & rev English ed Elsevier '56 incl bibliog
- SPOT welding. *See* Electric welding
- SPRANGER, Eduard, 1882-
Neu, Theodor. Bibliographie Eduard Spranger. Niemeyer '58 117p
- SPRAYING
- See also*
- Atomization
- SPRAYING and dusting
- Brett, C. H. and Bowers, T. G. Insecticide residues on vegetables. J Econ Entom 51: 821 D '58
- Currier, H. B. and Peoples, S. A. Phytotoxicity of hydrocarbons. Hilgardia 23:172-3 N '54
- Gibb, W. and others. Studies on dust suppression. AMA Archives Ind Health 14:227-8 S '56
- Ginsburg, J. M. and Reed, J. P. Survey on DDT-accumulation in soils in relation to different crops. J Econ Entom 47:474 Je '54
- Harlow, P. A. Toxicity of DDT in abrasive and non-abrasive dusts to the rice weevil, *calandra oryzae* L. (coleopt., curculionidae) Ann Ap Biol 45:112-13 Mr '57
- Hinreiner, E. and Simone, M. Effects of soil insecticides on flavor of vegetable crops. Hilgardia 26:83-5 Ag '56
- Lincoln, Charles and Leigh, Thomas F. Timing of insecticide applications for cotton insect control. (Bul. 588) Agricultural experiment station. Univ. of Ark. '57 p46-7
- Lindquist, D. A. and others. Thiodan residues on corn plants. J Econ Entom 52:105-6 F '59
- Marshall, James. Concentrate spraying in deciduous orchards. (Pub. 1020) Entomology div. Science service. Canada. Dept. of agriculture '58 p44-7

Ripper, W. E. Application methods for crop protection chemicals. Ann Ap Biol 42:321-4 F '55

See also

Aeronautics in agriculture

Insecticides

SPREAD of culture. *See* Culture—Diffusion

SPRINGTAILS

- Stach, Jan. Apterygotan fauna of Poland in relation to the world-fauna of this group of insects; family: bilobidae. (Polska akad. umiejtnosci, Kraków. Muzeum przyrodnicze. Acta monographica) Nakt. Polskiej akad. umiejtnosci '51 incl bibliog
- Stach, Jan. Apterygotan fauna of Poland in relation to the world-fauna of this group of insects; family: onychiuridae. Państwowe wydawn. naukowe '54 incl bibliog

SPROEMBERG, Heinrich, 1889-
Kretzschmar, Hellmut. Vom mittelalter zur neuzeit; zum 65. geburstag von Heinrich Sproemberg [bibliog. by G. Meyer] (Forschungen zur mittelalterlichen geschichte, v 1) Rütten & Loening '56 p 9-14

SPROUTING

- Pedersen, S. Effect of ionizing radiations on sprout prevention and chemical composition of potatoes. Food Tech 10:536 N '56
- Perlasca, G. Chemical control of sprouting in white potatoes. Am Potato J 33:130-3 Ap '56
- Van Schreven, D. A. On the physiology of tuber-formation in potatoes. Plant & Soil 8:73-4, 85-6 Ag '56

SPRUCE

Diseases and pests

See also

Spruce budworms

SPRUCE budworms

- Greenbank, D. O. Role of climate and dispersal in the initiation of outbreaks of the spruce budworm in New Brunswick. Can J Zool 34:475-6; 35:402-3 O '56, Je '57
- Harvey, G. T. Occurrence and nature of diapause-free development in the spruce budworm, *choristoneura fumiferana* (Clem.) (lepidoptera: tortricidae) Can J Zool 35: 571-2 Ag '57

SQUARE root

Wilbert, Ernst Eberhard. Quadratwurzel auf der rechenmaschine. The author '56 p69-71

SQUARES, Least. *See* Least squares

SQUINTING. *See* Strabismus

SQUIRRELS

- Moore, Joseph Curtis. Natural history of the fox squirrel, *sciurus niger shermani*. (Bul. v 113, article 1) Am. museum of natural history '57 p69-71
- Moore, Joseph Curtis. Relationships among the living squirrels of the sciurinae. (Bul. v 118, article 4) Am. museum of natural history '59 p205-6 annot
- Packard, Robert Lewis. Tree squirrels of Kansas: ecology and economic importance. (Misc. pub. no 11) Museum of natural history, Univ. of Kan. '56 p63-7

STABILIZATION of soils. *See* Soil stabilization

STABLES. *See* Barns and stables

STADLER, Lewis John, 1896-1954

Rhoades, M. M. Lewis John Stadler, 1896-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p342-7)

STAEL-HOLSTEIN, Anne Louise Germaine (Necker) baronne de, 1766-1817

Herold, J. Christopher. Mistress to an age; a life of Madame de Staël. Bobbs '58 p477-86 annot

Levaillant, Maurice. Passionate exiles; Madame de Staël and Madame Récamier; tr. from the French by Malcolm Barnes. Farrar, Straus '58 p351-4 annot

STAFF manuals, Library. *See* Libraries—Staff manuals

STAGE. *See* Drama; Theater

STAGE fright

Archer, R. B. Stage fright. Today's Speech 2:27-8 Ja '54

STAGE lighting. *See* Theater—Stage lighting

STAGE setting. *See* Theater—Stage setting and scenery

STÄHLIN, Wilhelm, bp, 1883-

Wendland, Heinz Dietrich, ed. Kosmos und ekklesia; festschrift für Wilhelm Stählin zu seinem siebzigsten geburstag 24. Sept. 1953. Stauda-verlag '53 p263-77

- STAINBROOK**, Merrill Addison, 1897-1956
 Patton, L. T. Merrill Addison Stainbrook (1897-1956) *Am Assn Pet Geol Bul* 41:977-8 My '57
- Trowbridge, A. C. Memorial to Merrill Addison Stainbrook (1897-1956) *Geol Soc Am Proc* 1956:169-70 S '57
- STAINLESS** steel. See Steel, Stainless
- STAINS** and staining (microscopy)
 Friedman, G. M. Identification of carbonate minerals by staining methods. *J Sed Petrol* 29:96-7 Mr '59
 Klüver, H. and Barrera, E. On the use of azaporphin derivatives (phthalocyanines) in staining nervous tissue. *J Psychol* 37:222-3 Ap '54
 Moody, M. S. and others. Staining bacterial smears with fluorescent antibody. *J Bact* 72:361, 367; 74:523-4; 75:560 S '56, O '57, My '58
 Sorokin, H. P. Mitochondria and precipitates of A-type vacuoles in plant cells. *Arnold Arbor J* 36:302-3 Ap '55
 Sorokin, H. P. and Sorokin, S. Staining of mitochondria with neotetrazolium chloride. *Am J Bot* 43:189-90 Mr '56
- STALIN**, Iosif, 1879-1953
 Budapest. Fővárosi Szabó Ervin könyvtár. I. V. Sztálin műveinek magyar bibliográfiája, 1945-1950. Szikla kiadás '51 243p
 Kniha, Prague. Josef Vissarionovič Stalin, 1879-1953 [ve spolupráci se Státním nakl. politické literatury a Národní knihovnou v Praze] The library '54 39p
- STAMMERING**
 Bibliography of University of Iowa studies of stuttering through 1954. (In Johnson, Wendell, and Leutenberger, Ralph R. eds. Stuttering in children and adults; thirty years of research at the Univ. of Iowa. Univ. of Minn. press '55 p447-63
 Bluemel, Charles Sidney. Riddle of stuttering. *Interstate* '57 p 134-7
 Diehl, Charles F. Compendium of research and theory on stuttering. (Am. lecture ser. no344.) Thomas '59 incl bibliog
 Murray, E. C. S. Bluemel collection on stuttering. *J Speech & Hear Dis* 22:761-3 D '57
 Spielberger, C. D. Effects of stuttering behavior and response set on recognition thresholds. *J Personality* 25:44-5 S '56
 Van Riper, Charles, and Gruber, Leslie. Casebook in stuttering. Harper '57 p 121-49
 Williams, D. E. Masseter muscle action potentials in stuttered and non-stuttered speech. *J Speech & Hear Dis* 20:260-1 S '55
- STAMPS**, Postage. See Postage stamps
- STANDARD** of living. See Cost and standard of living
- STANDARD** oil company (Indiana)
 Giddens, Paul Henry. Standard oil company (Indiana); oil pioneer in the Middle West. *Appleton* '55 p721-6 annot
- STANDARDIZATION**
 ASA standards activities. See numbers of Standardization
 American standards under way. See numbers of Magazine of standards
 Bibliografia italiana sull'unificazione. *Produttività* 8:383-5 Ap '57
 Documentazione bibliografica sulla riduzione della varietà dei tipi. *Produttività* 8:365-82 Ap '57
 Reck, Dickson, ed. National standards in a modern economy. Harper '56 incl bibliog
 United States. International cooperation administration. Office of industrial resources. Technical aids branch. Standardization. The office '59 76p annot
 See also
 Modular coordination (architecture)
 Specifications
- STANFIELD**, Joseph Aloysius
 Stanfield, Joseph Aloysius, and Simpson, Grace. Central Gaulist potters; with a pref. by Eric Birley. (Durham, England. Univ. Pubs) Oxford '58 p xxi-xxii
- STANLEY**, Henry Morton, 1841-1904
 Farwell, Byron. Man who presumed; a biography of Henry M. Stanley. Holt '57 p321-6
- STAPHYLOCOCCI**
 Jackson, A. W. and Little, R. M. Staphylococcal toxins. *Can J Microbiol* 3:47-54; 4:444, 460-1, 486 F '57, O '58
 National conference on hospital-acquired staphylococcal disease, 1st. Atlanta, 1958. Proceedings. Communicable disease center, U.S. Dept. of health, education & welfare '58 incl bibliog
- Robinson, J. and others. Studies with staphylococcal toxins. *Can J Microbiol* 4:360-1 Ag '58
 Staphylococcal infections in the hospital and community [symposium] by R. T. Ravenholt [and others] *Am J Pub Health* 48:277-318 Mr '58 incl bibliog
 United States. National library of medicine. Staphylococcal infection; a bibliog. covering literature of 1952 through May 1958. U.S. Public health service '58 43p
- STARCH**
 Osman, E. M. and Mootse, G. Behavior of starch during food preparation. *Food Res* 23:564 S '58
 Radley, Jack Augustus. Starch and its derivatives. 3d ed rev (Ser. of monographs on applied chemistry, 11-12) Wiley '54 2v incl bibliog
 Technical association of the pulp and paper industry. Starch and starch products in paper coating; auths. F. H. Frost [and others] (TAPPI monograph ser. no 17) The association '57 incl bibliog
- STARFISHES**, Fossil
 Kesling, R. V. and Ehlers, G. M. Edrio-asteroid lepidodiscus squamosus (Meek & Worthen) *J Paleont* 32:931-2 S '58
- STARK** county, Ohio
 Heald, Edward Thornton. Stark county story. Stark county historical soc. '49-'59 4v in 6 v 1, p635-49; v2, p663-74; v3, p761-85; v4 pt 1, p79-821; pt2, p791-809; pt 3, p 986-1017
- STARLINGS**
 Davis, D. E. Population changes and roosting time of starlings. *Ecology* 36:429-30 J1 '55
 Kessel, B. Study of the breeding biology of the European starling (*sturnus vulgaris* L.) in North America. *Am Midland Nat* 58:327-31 O '57
- STARS**
 Booker, H. G. Use of radio stars to study irregular refraction of radio waves in the ionosphere. *Inst Radio Eng Proc* 46:313-14 Ja '58
 Schwarzschild, Martin. Structure and evolution of the stars. Princeton univ. press '58 p285-91
 Vorontsov-Vel'aminov, Boris Aleksandrovich. Gasnebel und neue sterne; redaktion der deutschen übers: Otto Singer; ins deutsche übertragen von F. Bartels [and others] (Sowjetwissenschaft. Sup 41) Verlag kultur & fortschritt '53 p635-85
 See also
 Astrology
 Astronomy
 Astrophysics
 Meteors
 Milky way
 Spectra
- Merrill, Paul Willard. Lines of the chemical elements in astronomical spectra. (Mount Wilson observatory. Papers, v9; Pub. 610) Carnegie inst. of Washington '56 p79-102
 Muralt, Alexander L. von. ed. 25 Jahre hochalpine forschungsstation Jungfrauojoch. (Experientia sup6) Birkhäuser verlag '57 p72-86
- STARS**, Variable
 Kukarkin, B. V. Erforschung der struktur und entwicklung der sternsysteme auf der grundlage des studiums veränderlicher sterne; übers. aus dem Russischen von Fritz Bartels. Akademie-verlag '54 p 127-33
- STARTERS** (dairy products)
 Greene, V. W. and Jezeski, J. J. Studies on starter metabolism. *J Dairy Sci* 40:1052, 1060-1, 1070-1; 42:262-3 S '57, F '59
- STATE**, The
 See also
 Church and state
 Corporate state
 Education and state
 Industry and state
 Political science
 Science and state
- STATE** aid to libraries. See Libraries and state
- STATE** and municipal relations
 May, Samuel C. and Fales, James M. State's interest in metropolitan problems. *Bur. of public adm, Univ. of Calif.* '55 p30-1
- STATE** authorities. See Authorities (state, municipal, etc)
- STATE** finance
 Tax foundation, inc. Guidelines for long-range projection of state finances. (Research aid no2) The foundation '57 p 14-16
 See also
 Taxation, State

STATE governments

- Arkansas. Legislative council. List of research reports published 1949-1956. The council '57 15p
- Babcock, Robert Shillingford. State & local government & politics. Random house '57 incl bibliog annot
- Cape, William H. Constitutional revision in South Dakota. (Rep. no39) Gov. research bur. State univ. of S. D. '57 p 104-6
- Swarthout, John M. and Bartley, Ernest R. Principles and problems of state and local government. Oxford '58 incl bibliog
- Tompkins, Dorothy Louise (Campbell) Culver. State government and administration; a bibliography. Bur. of public adm, Univ. of Calif. '55 269p
- Tompkins, D. C. Legislative organization and procedure; a sel. bibliography. (In California. University. School of law. Streamlining state legislatures; rep. of a conference held at the University, Oct. 27-29, 1955, prepared by Stanley Scott. The school '56 p74-81)

STATE medicine. See Medical service, State

STATE police. See Police, State

STATE publications

- Council of state governments. Reports on higher education; an annot. bibliog. of recent reps. of state study comms. and other official agencies. (BX-316) The council '58 15p
- Council of state governments. Reports on water resources; an annot. bibliog. of recent official reps. of state agencies. The council '55 20p
- Supplement, 1956 and 1957. The council '57 17p
- Hamilton, D. W. Social studies materials from state departments of education. Social Educ 23:65-8 F '59
- Pullen, William Russell. Checklist of legislative journals issued since 1937 by the states of the United States of America. A.L.A. '55 59p
- Reynolds, B. G. State manuals; guide to procurement. Bsns Lit 29:144-5 Je '57
- United States. Library of Congress. Processing department. Monthly checklist of state publications. U.S. Gov. ptg. office. See numbers
- See also subhead Government publications under names of states, e.g. California—Government publications

STATE socialism. See Socialism

STATE succession

- O'Connell, D. P. Law of state succession. (Cambridge studies in int. and comparative law, 5) Cambridge '56 p411-14

STATE taxation. See Taxation, State

STATEMENTS, Financial. See Financial statements

STATICS

See also
Dynamics

STATIONS, Railroad. See Railroads—Stations

STATISTICAL decision

- Cox, D. R. Some problems connected with statistical inference. Ann Math Stat 29:371-2 Je '58
- Cronbach, Lee Joseph, and Gleser, Goldine C. Psychological tests and personnel decisions. Univ. of Ill. press '57 p 162-5
- Morris, William T. Rationalization of industrial decision processed. (Bul. no 163) Engineering experiment station, Ohio state univ. '57 p 113-17

STATISTICAL mechanics

- Wilson, Alan Herries. Thermodynamics and statistical mechanics, Cambridge '57 incl bibliog

STATISTICAL methods

- Berkson, J. Estimate of the integrated normal curve by minimum normit chi-square with particular reference to bio-assay. Am Stat Assn J 50:536-4 Je '55
- Blackman, R. B. and Tuckey, J. W. Measurement of power spectra from the point of view of communications engineering. Bell System Tech J 37:281-2. 567-9 Ja-Mr '58
- Fels, E. M. Some Soviet statistical books of 1957. Am Stat Assn J 54:12-29 Mr '59 annot
- Finney, David John. Experimental design and its statistical basis. (Scientist's lib: Biology and medicine) Univ. of Chicago press '55 p 162-5
- Laurent, A. G. Bombing problems—a statistical approach. Operations Res 5:88-9 F '57

- McQuitty, L. L. Isolating predictor patterns associated with major criterion patterns. Educ & Psychol Meas 17:40-2 Spring '57
- Mandel, J. and Linnig, F. J. Statistical methods in chemistry. Anal Chem 28:774-7; 30:743-7 Ap '56. Ap '57
- Maxwell, A. B. Statistical methods in factor analysis. Psychol Bul 56:234-5 My '59
- Patterson, C. H. Interpretation of the standard error of measurement. J Exp Educ 23:251-2 Mr '55
- Rose, A. and others. Computers, mathematics, statistics and operations research. Ind & Eng Chem 47:630-2; 48:630-2; 49:563-4; 50:518-19; 51:429-31 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
- Savage, I. R. Nonparametric statistics. Am Stat Assn J 52:343-4 S '57
- Selected references on statistics, the theory of test construction, and factor analysis. Sch R 63:488-52; 64:370-4 N '55, N '56 annot
- Tukey, J. W. Some examples with fiducial relevance. Ann Math Stat 28:694-5 S '57
- Tukey, J. W. Unsolved problems of experimental statistics. Am Stat Assn J 49:729-31 D '54
- Tyron, R. C. Domain sampling formulation of cluster and factor analysis. Psychometrika 24:134-5 Je '59
- See also
Association (statistics)
Classification (statistics)
Correlation (statistics)
Estimation (statistics)
Factor analysis
Least squares
Regression (statistics)
Sampling (statistical methods)
Variation (statistics)

STATISTICS

- Allan, Douglas H. W. Statistical quality control; an introd. for management. (Reinhold management science ser) Reinhold '59 p 122-5
- Croxtan, Frederick Emony, and Cowden, Dudley Johnstone. Applied general statistics. 2d ed Prentice-Hall '55 p823-9
- Diamond, Solomon. Information and error; an introd. to statistical analysis. Basic bks. '59 incl bibliog
- Dixon, Wilfrid Joseph, and Massey, Frank Jones. Introduction to statistical analysis. 2d ed McGraw '57 p357-64
- Fraser, Donald Alexander Stuart. Nonparametric methods in statistics. (Wiley pub. in mathematical statistics) Wiley '57 incl bibliog
- Fraser, Donald Alexander Stuart. Statistics: an introduction. (Wiley pub. in mathematical statistics) Wiley '58 incl bibliog
- Hirsch, Werner Zvi. Introduction to modern statistics; with applications to business and economics. Macmillan '57 p416-21
- Inter American statistical institute. International statistical standards; an annot. bibliog. of the statistical recommendations of int. conferences, meetings, and agencies. Pan Am. union '55 144p
- International statistical bibliography. See numbers of International statistical institute. Review
- Johns Hopkins university. Department of political economy. Basic lists in special fields; 2, Statistics and econometrics. (Economics lib. sels, ser2, no2) The department '55 29p annot
- McCarthy, Philip John. Introduction to statistical reasoning. McGraw '57 incl bibliog
- Mark, Mary Louise. Statistics in the making; a primer in statistical survey method. (Research pub. no92) Bur. of business research, Ohio state univ. '58 p419-24
- Mertens, Lawrence Edwin. Utilization of a priori knowledge in the design of optimum filters. Engineering products div, Radio corp. of Am. '55 p83-5
- Mills, Frederick Cecil. Introduction to statistics. Holt '56 p 619-28
- Mills, Frederick Cecil. Statistical methods. 3d ed Holt '55 p821-30
- Neter, John, and Wasserman, William. Fundamental statistics for business and economics. Allyn '56 incl bibliog
- Ostle, Bernard. Statistics in research; basic concepts and techniques for research workers. Iowa state college press '54 p474-80
- Quenouille, M. H. Fundamentals of statistical reasoning. (Griffin's statistical monographs & courses, no3) Hafner '58 incl bibliog

STATISTICS—Continued

Richmond, Samuel Bernard. Principles of statistical analysis. Ronald '57 incl bibliog
Senders, Virginia Loftus. Measurement and statistics; a basic text emphasizing behavioral science applications. Oxford '58 incl bibliog annot

Siegel, Sidney. Nonparametric statistics: for the behavioral sciences. (McGraw-Hill ser. in psychology) McGraw '56 p241-4

Società italiana di statistica. Bibliografia sui metodi statistici e le loro applicazioni; elenco dei principali scritti di autori italiani. The society '57 56p

Spain. Instituto nacional de estadística. Biblioteca. Catálogo de la Biblioteca. The institute '47-'52 2v

—Obras científicas. Suplemento referido al 30 de junio de 1951. The institute '51 153p

Statistical abstracts. See numbers of American statistical association. Journal thru June 1957 annot

Statistisches schrifttum. Petermanns Geog Mitt 102 no2:140-2 '58

United nations. Secretary-general, 1953- (Hammar skjöld) Lista anotada de normas internacionales formuladas en materia de estadística; memorándum. The organization '54 35p

See also

Biometry

Census

Commercial statistics

Economic statistics

Experimental design

Fisheries—Statistics

Industrial statistics

Library statistics

Mathematical statistics

Medical statistics

Probabilities

Social statistics

Vital statistics

History

FitzPatrick, P. J. Leading American statisticians in the nineteenth century. Am Stat Assn J 52:319-21; 53:700-1 S '57, S '58

Periodicals

Organization for European economic cooperation. Library. Bibliographie des périodiques statistiques catalogués à la Bibliothèque. Bibliography of statistical periodicals catalogued at the Library. 7th ed The Library '57 159p

STATIUS, Publius Papinius, ca 45-96

Status Publius Papinius. Achilleid; ed. with introd. apparatus criticus and notes by O. A. W. Dilke. Cambridge '54 p25-8

Status, Publius Papinius. Thebaidos liber secundus, commentario exegetico aestheticoque instructus specimen litterarium inaugurale quod submittit Heine Melle Mulder. De Waal '54 p361-72

STATUS. Social. See Social status

STAVANGER, Norway

History

Elgvin, Johannes. En by i kampf; Stavanger bys historie, 1536-1814; utg. av Stavanger kommune. Stabenfeldt '56 p430-43

STEAM boilers. See Boilers

STEAM plants

Blumberg, H. S. Metallurgical considerations of main steam piping for high-temperature, high-pressure service. Am Soc Mech Eng Trans 79:1390-1 Ag '57

Potter, Philip John. Power plant theory and design. 2d ed Ronald '59 incl bibliog

STEAMBOATS

Wellman, Manly Wade. Fastest on the river; the great race between the Natchez and the Robert E. Lee. Holt '57 p219-24 annot

STEAMSHIPS. See Steamboats

STEEL

Abstracts and book notices. See numbers of Iron and steel institute. Journal

Jernkontorets litteraturoversikt. Almqvist. See numbers

Review of iron and steel literature for 1955[-1957] Blast Furn & Steel Plant 44: 498-500+, 648-50+; 45:400-3+, 501-2+; 46: 984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-My '57, S-N '58 annot

Saville, James Patrick. Special steels. (Special subject lists, no 11) Lib. assn. '56 7p

Shaw, H. L. Iron and mild steels. Ind & Eng Chem 47:1985 S '55

Sullivan, J. W. W. How to select wrought steels. Materials & Methods 42:126 JI '55

Verein deutscher eisenhüttenleute. Werkstoff-handbuch Stahl und eisen; hrsg. vom Verein deutscher eisenhüttenleute, mit dem Werkstoffausschuss des vereins und zahlreichen fachgenossen, bearb. von Karl Daevs. 3d new rev ed Verlag Stahleisen '53 incl bibliog

See also

Iron

Manganese steel

Boron content

Organization for European economic cooperation. Boron steels, production and use. Technical assistance mission no 124. The organization '54 p 139-40

Brittleness

Mylonas, C. and others. Brittle fracture initiation tests. Welding J 36:16s-17s Ja '57

Parker, Earl Randall. Brittle behavior of engineering structure. Wiley '57 incl bibliog

Shank, M. E. Brittle failure of steel structures; a general engineering problem. Am Pet Inst Proc 34(3):142 '54

Shank, M. E. Brittle failure of steel structures; theory, practice, future prospects. Metal Prog 67:121 Je '55

Corrosion

Boehm, Mary Jo. Corrosion products of iron and steel; a sel. bibliog. survey with abstracts. (Bibliog. no3) U.S. Naval research laboratory '55 24p

Heat treatment

McGeady, L. J. Transition temperature behavior of pressure vessel steels. Welding J 34:sup 11 Ja '55

Metallurgy

Abstracts and book notices. See numbers of Iron and steel institute. Journal

Iron and steel translations. 1957/58. British iron & steel industry tr. service '59 13p

Philbrook, William O. Bibliography of model and pilot-plant applications in ferrous metallurgy, 1945-56. (Information circ. 7851) U.S. Bur. of mines '53 14p

Review of iron and steel literature for 1955[-1957] Blast Furn & Steel Plant 44:498-500+, 648-50+; 45:400-3+, 501-2+; 46:984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-My '57, S-N '58 annot

Saint Germain-en-Laye. Institut de recherches de la sidérurgie. Listes des publications de l'IRSID. Centre de documentation sidérurgique '55 20p

Schuetz, A. E. and Robertson, W. D. Hydrogen absorption, embrittlement and fracture of steel. Corrosion 13:54 JI '57

Sheffield, England. Free public libraries and museum. Science and commerce library. Select bibliography on bending, straightening and reeling of steel, 1940-1959. 3d ed (Research bibliog. new ser. no42) The library '59 12p annot

United States steel corporation. Research and technology division. Annotated list of publications, 1929 through 1955. The division '56 55p

See also

Annealing

Open hearth furnaces

Steel—Heat treatment

Protection

See Corrosion and anti-corrosives

Testing

Lubahn, J. D. Effect of temperature on the fracturing behavior of mild steel. Welding J 35:sup568 N '56

See also

Steel—Brittleness

Welding

Flanigan, A. E. and Saperstein, Z. P. Isothermal studies on the weld-metal micro-cracking of arc welds in mild steel. Welding J 35:sup556 N '56

Janis, Katherine. Bibliography on the welding of stainless steels, 1926-1955; with auth. index. (Bul. ser. no25) Welding research council, Engineering foundation '56 27p

McGeady, L. J. Transition temperature behavior of pressure vessel steels. Welding J 34:sup 11 Ja '55

Mylonas, C. and others. Brittle fracture initiation tests. Welding J 36:16s-17s Ja '57

STEEL, Stainless

- Janis, Katherine. Bibliography on the welding of stainless steels, 1926-1955; with auth. index. (Bul. ser, no25) Welding research council, Engineering foundation '56 27p
- Luce, W. A. and Peacock, J. H. Stainless steels and other ferrous alloys. *Ind & Eng Chem* 47:2033-5; 48:1786-7; 49:1651-2; 50:1487-8 S '55, S '56, S '57, S '58
- Monypenny, John Henry Gill. Stainless iron and steel; with a foreword by F. C. Thompson. 3d ed rev Chapman '51-'54 2v incl bibliog
- Pospišil, Rudolf. Antikorozi a žáruvzdorné oceli. Státní nakl. technické literatury '56 p226-33
- Warren, D. Effect of sigma phase vs chromium carbides on the intergranular corrosion of type 316 and 316L stainless steel. *Corrosion* 15:69-70 Ap; 28 My '59

STEEL, Structural

- Horne, M. R. Stanchion problem in frame structures designed according to ultimate carrying capacity. *Inst Eng Australia J* 28: 268-9, 274 O '56

STEEL alloys

- Grange, R. A. and others. Boron, calcium, columbium, and zirconium in iron and steel. (Alloys of iron research. New monograph ser) Wiley '57 p395-414
- Luce, W. A. and Peacock, J. H. Stainless steels and other ferrous alloys. *Ind & Eng Chem* 48:1786-7; 49:1651-2; 50:1487-8 S '56, S '57, S '58
- Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Literatura o výrobě legovaných ocelí, 1930-1954; seznam knih a jiných neperiodických publikací a článků v časopisech; sest. Dušan Šimandl. (Pub. Ser. 1, no52) The library '54 73p

STEEL castings

- Iron and steel institute. Library and information department. Bibliography on the continuous casting of steel (covering the period 1934-1957) (Bibliog. ser, no21) The institute '57 21p

- Poetter, Heinrich. *Stahlguss*. (Taschenbücher für das Giessereiwesen. 5) Verlag Technik '55 p335-54

STEEL construction

- Baker, John Fleetwood. Steel skeleton. Cambridge '54-'56 2v v2, p397-403
- Beedle, Lynn S. Plastic design of steel frames. Wiley '58 p379-83
- Shank, M. E. Brittle failure of steel structures; a general engineering problem. *Am Pet Inst Proc* 34 (3):142 '54
- Shank, M. E. Brittle failure of steel structures; theory, practice, future prospects. *Metal Prog* 67:121 Je '55

See also

- Girders
Rivets and riveting

STEEL industry and trade

- Review of iron and steel literature for 1955[-1957] *Blast Furn & Steel Plant* 44:498-500-1, 648-50-1; 45:400-3+, 501-2+; 46:984-5+, 1089-90+, 1192-3+ My-Je '56, Ap-My '57, S-N '58 annot

See also

- Iron industry and trade

Europe

- European coal and steel community. Common assembly. *Monatliches bibliographisches verzeichnis*. The agency. See numbers thru 1955
- European coal and steel community. Common assembly. *Vierteljährliche methodische bibliographie*. The agency. See numbers thru 1957
- European coal and steel community. High authority. *Bibliothèque. Articles sélectionnés. Zeitschriftenaufsätze*. The library. See numbers
- European parliamentary assembly. *Vierteljährliche methodische bibliographie*. The agency. See numbers

See also

- European coal and steel community
Iron industry and trade

Europe, Eastern

- European coal and steel community. High authority. *Bibliothèque. Pays de l'Est; situation économique, ressources énergétiques, industrie sidérurgique, 1947-1956. Ostblockstaaten; allgemeine wirtschaftslage, energie-vorkommen, eisen- und stahlindustrie, 1947-1956*. (Bibliogs. de la Haute autorité. 9) The authority '56 29p

Great Britain

- Roepke, Howard G. Movements of the British iron and steel industry, 1720 to 1951. (Ill. Univ. Ill. studies in the social p 191-3

Russia

- Clark, Mills Gardner. Economics of Soviet steel. (Harvard univ. Russian research center. Studies, 25) Harvard univ. press '56 p329-41

- STEEL rolling.** See Rolling (metal work)

- STEEPLECHASING.** See Horse racing

- STEIN, Edith (Sister Teresa Benedicta of the Cross)** 1890-1942

- Devaux, A. A. Introduction bibliographique à l'étude d'Edith Stein. *Etudes Philos ns* 11:447-50 Jl '56

- Graef, Hilda Charlotte. Scholar and the cross; the life and work of Edith Stein. Newman press '55 p231

- Stein, Edith. Writings; sel, tr. and introd. by Hilda Graef. Newman press '56 p200-1

- STEIN, Gertrude, 1874-1946**

- Reid, Benjamin Lawrence. Art by subtraction; a dissenting opinion of Gertrude Stein. Univ. of Okla. press '58 p209-16

- Spriggs, Elizabeth. Gertrude Stein, her life and work. Harper '57 p266-9

- STEINACKER, Harold, 1875-**

- Rössler, Hellmuth, ed. *Festgabe dargebracht Harold Steinacker zur vollendung des 80. lebensjahres*, 26. Mai 1955 [bibliog. by W. Neumann Oldenbourg '55 p334-42

- STEINBECK, Heinrich, 1884-**

- Laresse, Dino. Heinrich Steinbeck. Eichen-verlag '54 p 15-16

- STEINBECK, John, 1902-**

- Lisca, Peter. Wide world of John Steinbeck. Rutgers univ. press '58 p310-14

- STEINER, Rudolf, 1861-1925**

- Allen, Paul Marshall. Writings and lectures of Rudolf Steiner; a chronological bibliog. of his bks, lectures, addresses, courses, cycles, essays and reprs. as pub. in English translation. Whittier bks. '56 140p

- STEINER-PRAG, Hugo, 1880-1945**

- Hadamowsky, Franz, and Mayerhöfer, Josef, eds. Hugo Steiner-Prag, 12. dezember 1880-10. september 1945; festgabe anlässlich der gedächtnisausstellung zum 75. geburtstag. *Biblos-schriften*, v 10) Gesellschaft der freunde der österreichischen nationalbibliothek '55 p49-70

- STEINMAN, David Barnard, 1886-1960**

- Rensselaer polytechnic institute, Troy, New York. Library. Writings of David Barnard Steinman relating to the design, construction and history of bridges; incl. contributions to the development of the engineering profession, 1909-1954; a bibliography. (Engineering and science ser, no67) The institute '55 28p

- STEKLOV, Vladimir Andreevich, 1864-1926**

- Geronomus, I. A. L. Vladimir Andreevitch Steklov, 1864 bis 1926; Integration der differentialgleichungen der mathematischen physik; tr: Günter Schade. (Geschichte der technik und naturwissenschaften) Verlag Technik '54 p77-81

STEMS (plants)

- Beakbane, A. B. and Rogers, W. S. Relative importance of stem and root in determining rootstock influence in apples. *J Hort Sci* 31:109-10 Ap '56

- Canright, J. E. Comparative morphology and relationships of the magnoliaceae. *Arnold Arbor J* 36:136-9 Ap '55

- Marsden, M. P. F. and Bailey, I. W. Fourth type of nodal anatomy in dicotyledons illustrated by clerodendron trichotomum Thunb. *Arnold Arbor J* 36:47-50 Ja '55

See also

- Mesocotyls

- STENDHAL, pseud.** See Beyle, M. H.

- STENOGRAPHY.** See Shorthand

- STENZEL, Julius, 1883-1935**

- Stenzel, Julius. Kleine schriften zur griechischen philosophie; hrsg. von Bertha Stenzel let all Gentner '56 p vii

- STEPHEN, Sir Leslie, 1832-1904**

- Stephen, Leslie. Men, books, and mountains; essays coll. and with an introd. by S. O. A. Ullmann. Univ. of Minn. press '56 p235-47

STEREOCHEMISTRY

- Burwell, R. L. Stereochemistry and heterogeneous catalysis. *Chem R* 57:930-4 O '57

STEREOTYPE (psychology)

- Fishman, J. A. Examination of the process and function of social stereotyping. *J Social Psychol* 43:60-4 F '56
- Vinacke, W. E. Stereotypes as social concepts. *J Social Psychol* 46:242-3 N '57

STERILITY

- Johansson, Carl Johan. Clinical studies on sterile couples with special reference to the diagnosis, etiology and prognosis of infertility [tr. by Nils Erik Enkvist] (V36. Sup 5) *Acta obstetricia et gynecologica scandinavica* '57 p 157-68
- Montagu, Ashley. Reproductive development of the female, with especial reference to the period of adolescent sterility; a study in the comparative physiology of the infecundity of the adolescent organism. Julian press '57 p205-25

STERILITY in animals

- Bain, A. M. Estrus and infertility of the thoroughbred mare in Australasia. *Am Vet Med Ass J* 131:184-5 J 15 '57
- Henricson, B. Genetical and statistical investigations into so-called cystic ovaries in cattle. *Acta Ag Scand* 7 no 1:91-3 '56
- Michigan. State university of agriculture and applied science, East Lansing. College of veterinary medicine. Reproduction and infertility: physiology, anatomy, pathology, biochemistry, Michigan state univ. centennial symposium, 1955-1956, June 27-29, 1955, sponsored by the College [and] Agricultural experiment station. The university '55 incl bibliog
- Mintz, B. and Russell, E. S. Gene-induced embryological modifications of primordial germ cells in the mouse. *J Exp Zool* 134: 228-30 Mr '57
- Moore, K. L. and others. Sex chromatin of the bovine freemartin. *J Exp Zool* 135:118-21 Je '57
- Roberts, Stephen J. Veterinary obstetrics and genital diseases. The author '56 incl bibliog

STERILITY in plants

- Brewbaker, J. L. Pollen cytology and self-incompatibility systems in plants. *J Heredity* 48:276-7 N '57
- Edwardson, J. R. Cytoplasmic male-sterility. *Bot R* 22:732-8 D '56
- McGuire, D. C. and Rick, C. M. Self-incompatibility in species of *lycopersicon* sect. *eripersicon* and hybrids with *L. esculentum*. *Hilgardia* 23:123-4 N '54
- Pandey, K. K. Genetics of self-incompatibility in *Physalis ixocarpa* Brot.—a new system. *Am J Bot* 44:886-7 D '57

STERILIZATION

- Ball, Charles Olin, and Olson, Franklyn Carl Wester. Sterilization in food technology; theory, practice, and calculations. (McGraw-Hill ser. in food technology) McGraw '57 incl bibliog
- Perkins, John J. Principles and methods of sterilization. Thomas '56 incl bibliog
- See also
Radiation sterilization

STERILIZATION of criminals and defectives

- Highleyman, Samuel. Legal bibliography on sterilization, as of January 1, 1957; a listing and brief digest of articles which discuss all types of sterilization and summaries of sel. court decisions. Human betterment assn. of Am. '57 32p annot

STERILIZATION of soils. See Soil sterilization**STERLING area**

- Bell, Philip W. Sterling area in the postwar world: international mechanism and cohesion, 1946-1952. Oxford '56 p435-64
- Polk, Judd. Sterling; its meaning in world finance. Harper '56 p270-81 annot

STEROIDS

- Schwartz, Jean. L'exploration fonctionnelle de la cortico-surrénale par les stéroïdes; préf. de J. Warter; avant-propos de G. Pin-cus. Masson '53 p 133-57

STEROLS

- See also
Phytosterols

STETHOSCOPE

- McKusick, V. A. and others. Exhibition on the history of cardiovascular sound including the evolution of the stethoscope. *Bul Hist Med* 31:463-87 S '57

STETSON, Henry Crosby, 1900-1955

- Henry Crosby Stetson. *Deep Sea Res* 3:292-3 S '56
- Trask, P. D. Memorial to Henry Crosby Stetson (1900-1955) *Geol Soc Am Proc* 1956:173-4 S '57

STETSON, Raymond Herbert, 1872-1950

- Reid, C. Bibliography of R. H. Stetson. *J Speech & Hear Dis* 23:268-9 Ag '58

STEVEDORES. See Longshoremen**STEVENS, Thaddeus, 1792-1868**

- Korngold, Ralph. Thaddeus Stevens; a being darkly wise and rudely great. Harcourt '55 p446-52

STEVENSON, Robert Louis, 1850-1894

- Stern, Gladys Bronwyn. Robert Louis Stevenson. (Bibliog. ser. of sups. to British bk. news, no27) Longmans '52 p35-45
- Yale university. Library. Stevenson library; catalogue of a coll. of writings by and about Robert Louis Stevenson formed by Edwin J. Beinecke; comp. by George L. McKay. Ltd. ed The library '51-'56 3v

STEWARDSHIP, Christian

- Conrad, Alphin Carl. Divine economy; a study in stewardship. Eerdmans '54 p 163-9

STEWART, George Walter, 1876-1956

- Fletcher, H. George W. Stewart. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p392-8)

STEYR, Austria

- Ofner, Josef. Die eisenstadt Steyr; geschichtlicher und kultureller überblick. Magistrat der stadt Steyr '56 p 164-75

STICK insects

- Key, K. H. L. Kentromorphic phases in three species of phasmatodea. *Australian J Zool* 5:283-4 O '57

STICKLEBACKS

- Iersel, Jan Jozef Arnold van. Analysis of the parental behaviour of the male three-spined stickleback (*Gasterosteus aculeatus* L.) (Behaviour; an int. journal of comparative ethology. Sup 3) Brill '53 p 152-6
- Morris, Desmond. Reproductive behaviour of the ten-spined stickleback (*Pygosteus pungitius* L.) (Behaviour; an int. journal of comparative ethology. Sup6) Brill '58 p 148-52

STIFTER, Adalbert, 1805-1868

- Lunding, E. Probleme und ergebnisse der Stifterforschung, 1945-1954. *Euphorion* 49 no2:203-44 '55
- Stifter, Adalbert. Der Nachsommer; eine erzählung; hrsg. von Max Steff. Kraft '54 p853-5
- Vancsa, K. Neue Stifter-literatur. Adalbert Stifter Inst Land Oberösterreich Vierteljahrssch 5 no 1-2:27-31 '56

STILBESTROLS

- Browning, C. B. and others. Effect of feeding low levels of diethylstilbestrol on gestation and lactation of rats. *J Nutrition* 66:331-2 N '58
- Browning, C. B. and others. Milk response from feeding diethylstilbestrol to identical-twin cows during complete lactations. *J Dairy Sci* 40:1597-8 D '57
- Goetsch, D. D. Effects of feeding and implanting estrogenic substances in ruminants. *Am Vet Med Assn J* 127:533 D '55
- Melampy, R. M. and others. Estrogen excretion by cows after oral administration of diethylstilbestrol. *J Animal Sci* 18:185-6 F '59

STILL life painting

- Bergström, Ingvar. Dutch still-life painting in the seventeenth century; tr. by Christina Hedström and Gerald Taylor. Yoseloff '56 p317-25

STILLE, Hans, 1876-

- Lotze, Franz. Geotektonisches symposium zu ehren von Hans Stille; als festschrift zur vollendung seines 80. lebensjahres überreicht von der Deutschen geologischen gesellschaft, der Geologischen vereinigung und der Paläontologischen gesellschaft. Enke '56 p ix-xv

STIMULUS and response

- Amsel, A. Role of frustrative nonreward in noncontinuous reward situations. *Psychol Bul* 55:117-19 Mr '58
- Baughman, E. E. Role of the stimulus in Rorschach responses. *Psychol Bul* 55:144-7 My '58
- Berlyne, D. E. Knowledge and stimulus-response psychology. *Psychol R* 61:253-4 J 1 '54
- Goss, A. E. and Brownell, M. H. Stimulus-response concepts and principles applied to projective test behavior. *J Personality* 25: 521-3 Je '57
- McConnell, J. V. and others. Subliminal stimulation: an overview. *Am Psychologist* 13: 239-42 My '58

STIMULUS and response—Continued

- Murstein, B. I. Conceptual model of projective techniques applied to stimulus variations with thematic techniques. *J Consult Psychol* 23:13-14 F '59
- Wallach, M. A. On psychological similarity. *Psychol R* 65:115-16 Mr '58

See also

Avoidance reaction

STIPULES (botany)

- Majumdar, G. P. Stipules, stiples, ligules and leaf-sheath. *Ind Acad Sci Proc secB* 43:20-2 Ja '56

STOCK breeding. See Breeding; Cattle breeding; Sheep breeding

STOCK companies

- Taylor, William Bayard. Financial politics of business enterprise; 2d ed. by [the auth] with the collaboration of Frank M. Graner. Appleton '56 p659-68

STOCK exchange

- Leffler, George Leland. Stock market. 2d ed Ronald '57 p613-14
- Livingston, Joseph A. American stockholder. Lippincott '58 p275-7

See also

Margins (security trading)

STOCK ranges. See Ranges

STOCKHOLDERS

See also

Proxies

STOCKHOLM

- Stockholm. Stadsplanekontoret. Generalplan för Stockholm 1952. The bureau '52 p23-5

STOCKINGS. See Hosiery

STOCKS

- Genstein, Edgar S. Stock market profit without forecasting; a research rep. on investment by formula. 1956 ed Am. research council '56 p86-90

- Smith, Edgar Lawrence. Common stocks and business cycles; a practical analysis of the basic causes and patterns of cyclical behavior in economic series. William-Frederick press '59 p217-20

See also

Securities

STOICS

- Simon, Heinrich, and Simon, Marie. Die alte stoia und ihr naturbegriff; ein beitrag zur philosophieggeschichte des Hellenismus. Aufbau-verlag '56 p 141-2

- Spanneut, Michel. Le stoïcisme des Pères de l'Eglise; de Clément de Rome à Clément d'Alexandrie; préf. de H. I. Marrou. (Patristica sorbonensia. 1) Eds. du Seuil '57 p435-46

STOKERS, Mechanical

- Roughton, J. E. and Smith, W. D. Single retort underfeed stoker. *Inst Fuel J* 29:398-9 S '56

STOMACH

- Colvin, H. W. and others. Dietary influences on eructation and related ruminal phenomena in cattle. *J Dairy Sci* 41:1578-9 N '59

- Conrad, H. R. and others. High roughage system for raising calves based on early rumen development. *J Dairy Sci* 37:521-2, 735-6; '39:173-9, 1178-9; 41:1246-7, 1259-61 My-Je '54, F, Ag '56, S '58

- Johnson, R. R. and others. Studies on the in vitro rumen procedure: improved inoculum preparation and the effects of volatile fatty acids on cellulose digestion. *J Animal Sci* 17:849-50 Ag '58

- Kameoka, K. and Morimoto, H. Extent of digestion in the rumen-reticulum-omasum of goats. *J Dairy Sci* 42:1196-7 Jl '59

See also

Gastric juice

Bacteriology

- Bentley, O. G. and others. Cellulolytic factor activity of certain short-chain fatty acids for rumen microorganisms in vitro. *J Nutrition* 57:399-400 N '55

- Bentley, O. G. and others. Studies on factors needed by rumen microorganisms for cellulose digestion in vitro. *J Animal Sci* 13:592-3 Ag '54

- Bryant, M. P. and others. *Bacteroides rumicola* n. sp. and *succinimonas amylolytica*; the new genus and species. *J Bact* 76:22-3 Jl '58

- Bryant, M. P. and others. Studies on the composition of the ruminal flora and fauna of young calves. *J Dairy Sci* 41:1766-7 D '58

- Elsden, S. R. and others. Properties of a fatty acid forming organism isolated from the rumen of sheep. *J Bact* 72:688-9 N '56
- Jurtshuk, P. and others. Anaerobic purine dissimilation by washed suspensions of bovine rumen bacteria. *J Dairy Sci* 41:201-2 Ja '58

- Jurtshuk, P. and others. In vitro studies of the effect of aureomycin and terramycin on mixed suspensions of bovine rumen bacteria. *J Dairy Sci* 37:1471-2 D '54

- Kamstra, L. D. and others. Effect of stage of maturity and lignification on the digestion of cellulose in forage plants by rumen microorganisms in vitro. *J Animal Sci* 17:207-8 F '58

- Legemann, F. W. and Allen, N. N. Development of rumen function in the dairy calf. *J Dairy Sci* 38:656; 42:1180-1 Je '55, Jl '59

- Lubinsky, G. Ophryoscolecidae (ciliata: entodiniomorphida) of reindeer (rangifer tarandus L.) from the Canadian arctic. *Can J Zool* 36:334-5, 959 O-D '58

- Moxon, A. L. and Bentley, O. G. Research on rumen function and ruminant nutrition. *Am Assn Cereal Chem Trans* 13:25-30 F '55

- Shetata, A. M. E. Effect of different rations on the number of free ruminal bacteria in sheep. *Ap Microbiol* 6:425-6 N '58

- Stallcup, O. T. Release of ammonia nitrogen from urea, ammoniated molasses, and soybean oil meal in the presence of rumen microorganisms. *J Dairy Sci* 37:1458-60 D '54

Cancer

- Wangensteen, Owen Harding. Cancer of the esophagus and the stomach. 2d ed Am. cancer soc. '56 p 139-44

Surgery

- Lundh, Göran. Intestinal digestion and absorption after gastrectomy. (Sup 231) *Acta chirurgica Scandinavica* '58 p80-4

- Wallensten, Sten. Results of the surgical treatment of peptic ulcer by partial gastrectomy according to Billroth I and II methods; a clinical study based on 1256 operated cases; tr. by Virginia Uhlemann. (Sup 191) *Acta chirurgica Scandinavica* '54 p 153-61

Ulcers

See Peptic ulcers

STOMACH, Artificial

- Hershberger, T. V. and others. Use of the artificial rumen technique to estimate the nutritive value of forages. *J Animal Sci* 18:777-9 My '59

STONE

See also

Granite

STONE age

- Bibliographie annuelle de l'âge de la pierre taillée (paléolithique et mésolithique) 1955-1956(1-1957) (No 1-2) Bur. de recherches géologiques, géophysiques & minières, Service d'information géologique '58-'59 2v

- Burkitt, Miles Crawford. Old stone age; a study of palaeolithic times. 3d ed N.Y. univ. press '56 p247-50 annot

Africa

- Balout, Lionel. Préhistoire de l'Afrique du Nord; essai de chronologie. Arts & métiers graphiques '55 p493-522

Africa, North

- Briggs, Lloyd Cabot. Stone age races of northwest Africa. (Bul. no 18) Am. school of prehistoric research, Harvard univ. '55 p91-8

Asia

- Chard, C. S. Outline of the prehistory of Siberia. *Sw J Anthropol* 14:29-33 Spring '58

Europe

- Gabel, W. C. Mesolithic continuum in Western Europe. *Am Anthropol* 60:665-7 Ag '58

Great Britain

- Lacaille, Armand Donald. Stone age in Scotland. (Wellcome historical medical museum, London. Pubs. new ser, no6) Oxford '54 p317-28

Siberia

- Tolstoy, P. Archaeology of the Lena basin and its New World relationships. *Am Antiq* 23:415-18; 24:78-81 Ap-Jl '58

- STONE flies**
Jewett, Stanley Gordon. Stoneflies (plecoptera) of the Pacific Northwest. (Ore. state monographs. Studies in entomology, no3) Ore. State college '59 p90-2
- STONE of Scone**
Clements, Edith E. Stone of Jacob. Vantage '57 p203-5
- STONEWORKS**
Daily, F. K. Characeae of Indiana. Butler Univ Bot Stud 11:47-9 Ag '53
Dąbbska, Izabella. Ramienice; klucz do oznaczania gatunków krajowych. Państwowe wydawn. naukowe '54 p 119-23
Horn af Rantzen, H. Annotated checklist of genera of fossil charophyta. Micropaleontology 2:254-6 J1 '56
Sundaralingam, V. S. Systematic account of the south Indian characeae. Ind Acad Sci Proc secB 49:48-51 Ja '59
Wood, Richard Dawson, and Muenscher, Walter Conrad. Characeae of the state of New York. (Memoir 338) Agricultural experiment station, Cornell univ. '56 p40-5
- STONY corals.** See Madreporaria, Fossil
- STORAGE batteries**
Vinal, George Wood. Storage batteries; a general treatise on the physics and chemistry of secondary batteries and their engineering applications. 4th ed Wiley '55 incl bibliog
- STORAGE of food.** See Food—Storage
- STORES and store buildings**
Ketchum, Morris. Shops & stores, rev ed (Progressive architecture lib) Reinhold '57 p257 annot
- STORIES.** See Children's stories; Fiction; Short stories; Tales
- STORMER, Fredrik Carl Müllertz, 1874-1957**
Brun, V. Carl Störmer in memoriam. Acta Math 100:v-vii S '58
Chapman S. Fredrik Carl Müllertz Störmer. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p276-9)
- STORMS**
Matsushita, S. Study of the morphology of ionospheric storms. J Geophys Res 64:320-1 Mr '59
Woodcock, A. H. Release of latent heat in tropical storms due to the fall-out of sea-salt particles. Tellus 10:371 Ag '58
See also
Cyclones
Hurricanes
Snow
Thunderstorms
Tornadoes
Typhoons
Winds
- STORY telling**
Cundiff, Ruby Ethel, and Webb, Barbara. Story-telling for you; a handbk. of help for story-tellers everywhere. Antioch press '57 p45-55 annot
Royal, Claudia. Storytelling. Broadman '55 p 129-32 annot
See also
Children's stories
- STOW, Marcellus Henry, 1902-1957**
Thom, W. T. Memorial to Marcellus Henry Stow. Geol Soc Am Proc 1957:166 '58
- STRABISMUS**
Cushman, Beulah. Strabismus: diagnosis and treatment. Lea '56 incl bibliog
- STRACHEY, Giles Lytton, 1880-1932**
Sanders, Charles Richard. Lytton Strachey: his mind and art. Yale univ. press '57 p355-66
Woolf, Virginia (Stephen). Letters: Virginia Woolf & Lytton Strachey; ed. by Leonard Woolf & James Strachey. Harcourt '56 p ix
- STRAIN (psychology)** See Tension (psychology)
- STRAIN gages**
American society for testing materials. Symposium on elevated temperature strain gages; sponsored by Aeronautical structures laboratory Naval air material center, Philadelphia, Pa. Dec. 4-5, 1957. (Special technical pub. no230) The society '58 incl bibliog
Perry, Charles C., and Lissner, Herbert R. Strain gage primer. McGraw '55 incl bibliog
- STRAINS and stresses**
Adamson, Bo. Funktionssättet hos elastiska balkar. Åverkade av detonationsbelastningar med hänsyn tagen till rotationsströghet och skjuvkrafter. Behaviour of elastic beams under action of detonating charges with special reference to rotatory inertia and shearing forces. Direktkopia '55 p 116-24
- American society for testing materials. Design and tests of building structures; symposiums on seismic and shock loading (and) glued laminated and other constructions; presented at the 2d Pacific area nat. meeting, Los Angeles, Calif. Sept. 17, 1956. (Special technical pub. no209) The society '57 p30, 41, 85
- Bennington, K. O. Role of shearing stress and pressure in differentiation as illustrated by some mineral reactions in the system $MgO-SiO_2-H_2O$. J Geol 64:576-7 N '56
- Bouche, R. R. and Tate, D. R. Autographic stress strain recorders. Am Soc Test Mat Bul 228:40-2 F '58
- Brown, Arthur Frederick Cotgreave. Experimental stress analysis in the U.S.A. and Canada; a review of recent improvements in methods of stress analysis and of applications in various fields, with a classified bibliography. (Gt. Brit. Dept. of scientific and industrial research. Overseas technical reps, no 1) H.M.S.O. '56 p 17-22
- Caudle, Rodney Duane, and Clark, George Bromley. Stresses around nine openings in some simple geologic structures. (Bul. v52, no69; Engineering experiment station. Bul. no430) Univ. of Ill. '55 p42
- Conference on the properties of materials at high rates of strain, London, 1957. Proceedings of the Conference [held in] London, 30th April-2nd May 1957. Inst. of mechanical engineers '59 incl bibliog
- Eeg-Olofsson, Trygve. Contribution to the experimental study of the bending properties of fabrics. (Göteborg. Chalmers tekniska högskola. Doktorsavhandlingar, no 13) Gumperts bokhandel '57 p86-8
- Gunnert, R. Residual welding stresses; method for measuring residual stresses and its application to a study of residual welding stresses. Almqvist '55 p 134-5
- Heller, S. R. On the adequacy of the longitudinal strength calculation. Am Soc Naval Eng J 71:81 F '59
- Hognestad, E. and others. Concrete stress distribution in ultimate strength design. Am Concrete Inst J 27:478-9 D '55
- Kuhn, Paul. Stresses in aircraft and shell structures. (McGraw-Hill pubs. in aeronautical science) McGraw '56 incl bibliog
- Linge, J. R. Some developments and applications of brittle lacquers. Aircraft Eng 30:95 Ap '58
- National research council. Highway research board. Vibration and stresses in girder bridges [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 124) The board '56 incl bibliog
- Nylander, Hendrik Stefan Erik. Torsion, bending, and lateral buckling of I-beams. (Stockholm. Tekniska högskolan. Handlingar, 102) Lindstahl '56 p 135-6
- Sheffield, England. Free public libraries and museum. Science and commerce library. Strength of metal single crystals: a sel. bibliography. (Research bibliogs, new ser. no63) The library '57 4p
- Stone, W. K. and others. Stress-strain relationships in yarns subjected to rapid impact loading. J Res Bur Stand 54:275-6 My '55
—Same. Textile Res J 25:528, 534 Je '55
- Thaulow, S. Tensile splitting test and high strength concrete test cylinders. Am Concrete Inst J 28:705-6 Ja '57
- Wood, R. H. Stability of tall buildings. Inst Civil Eng Proc 11:101-2 S '58
See also
Airplanes—Stresses
Bridges—Load
Deformations (mechanics)
Elasticity
Graphic statics
Materials—Creep
Metals—Creep
Metals—Fatigue
Strength of materials
Torsion
Wind pressure
- STRATEGIC materials**
United States. Department of the army. Army library. Conservation bibliography, prepared by (Harry Moskowitz and Jack Roberts) The library '59 21p

STRATEGY

Garthoff, Raymond L. Soviet strategy in the nuclear age. (Praeger pubs. in Russian history and world communism, no 1) Praeger '58 p253-74 annot

See also

Military art and science
Naval art and science

STRATIFICATION

Potter, P. E. and others. Chester cross-bedding and sandstone trends in Illinois basin. *Am Assn Pet Geol Bul* 42:1045-6 My '58

STRATOSPHERE. See Atmosphere, Upper**STRAUMANN, Reinhard, 1892-**

Fortschritte der uhrentechnik durch forschung. Vom skisprung zum skiflug; fest-schrift für Reinhard Straumann. Steinkopf '52 incl bibliog

STRAW votes. See Public opinion polls**STRAWBERRIES**

Hitz, Chester W. Utilization of poultry manure in strawberry production. (Bul. no 312) Agricultural experiment station, Univ. of Del. '55 p28-9

Hitz, C. W. and others. Control of strawberry runner growth by growth inhibiting chemicals. *Am Soc Hort Sci Proc* 64:272-3 '54

Diseases and pests

Darrow, G. M. and others. Importance of virus diseases in the cultivation of strawberries in the United States. *Am Soc Hort Sci Proc* 63:551-2 '54

Frazier, N. W. and Posnette, A. F. Relationships of the strawberry viruses of England and California. *Hilgardia* 27 no 17:494-6 Ag '58

STREAM measurements

United States. Bureau of reclamation. Water measurement manual; a manual pertaining to measurement of water for irrigation projects; a reclamation manual specialist supplement. The bureau '53 p 135-7

STREAM of consciousness fiction. See Psychological fiction**STREET railroads**

Palmer, F. M. Literature of the street railway. *Harvard Lib Bul* 12:117-38 Winter '58
Prigmore, B. J. Tramways and light railways. *Elec J* 155:470 Ag 5 '55

STRENGTH of materials

Davis, Harmer Elmer. Testing and inspection of engineering materials. 2d ed (McGraw-Hill ser. in civil engineering) McGraw '55 p390-416

Heyman, Jacques. Plastic design of portal frames. (Cambridge engineering ser) Cambridge '57 p 100-4

Lee, L. H. N. and Ades, C. S. Plastic torsional buckling strength of cylinders including the effects of imperfections. *J Aero Sci* 24:248+ Ap '57

Nordby, G. M. Fatigue of concrete; a review of research. *Am Concrete Inst J* 30:215-19 Ag '58

Shuleshko, P. New method of solving eigenvalue problems. *Australian J Ap Sci* 8:25-6 Mr '57

Structural design for dynamic loads [by] Charles H. Norris [and others] (McGraw-Hill civil engineering ser) McGraw '59 incl bibliog

Technical association of the pulp and paper industry. Wet strength in paper and paperboard; auths: K. W. Britt [and others] (Tappi monograph ser, no 13) The association '54 incl bibliog

Wayman, C. M. and Stout, R. D. Study of factors affecting the strength and ductility of weld metal. *Welding J* 37:sup200 My '58

See also

Elasticity
Impact
Mechanical wear
Metals—Failure
Strains and stresses

STREPSIPTERA

See also

Stylopidae

STREPTOCOCCI

Barkulis, S. S. and Jones, M. F. Studies of streptococcal cell walls. *J Bact* 74:215-16; 76:114-15; 77:183-4 Ag '57, Jl '58, F '59

Faber, Viggo. Streptokok-hyaluronidase og anti-streptokok-hyaluronidase. ASH; en oversigt; with an English summary. *Christ-treus bogtr.* '55 p49-54

Fox, E. N. and Krampitz, L. O. Studies on the biosynthesis of the M-protein of group A hemolytic streptococci. *J Bact* 71:461 Ap '56

Hollinger, N. F. and Lindberg, L. H. Delayed recovery of streptococci from throat swabs. *Am J Pub Health* 48:1169 S '58

Mundt, J. O. and others. Incidence and nature of enterococci on plant materials. *Food Res* 23:192-3 Mr '58

Poskanzer, D. C. and others. Epidemiology of civilian streptococcal outbreaks before and after penicillin prophylaxis. *Am J Pub Health* 46:1524 D '56

STREPTOMYCES

Gilmour, C. M. and others. Studies on the biochemistry of the streptomycetes. *J Bact* 69:723-4, 727; 75:37 Je '55, Ja '58

STREPTOMYCIN

André, Torsten. Studies on the distribution of tritium-labelled dihydrostreptomycin and tetracycline in the body [tr. by Stanley H. Vernon] (Sup 142) *Acta radiologica* '56 p85-9

Berg, Karl. Toxic effect of streptomycin on the vestibular and cochlear apparatus; an experimental study on cats. (Sup 97) *Acta oto-laryngologica* '51 p45-9

Franzas, Fridolf. Aspects of urogenital tuberculosis in Finland after the introduction of streptomycin. (Sup 180) *Acta chirurgica scandinavica* '53 p67-8

Watanabe, T. and others. Probable absence of direct induction of bacterial resistance to streptomycin. *J Bact* 73:776-7 Je '57

Weinstein, Louis, and Ehrenkranz, N. Joel. Streptomycin and dihydrostreptomycin; foreword by Chester S. Keefer. (Antibiotics monograph, no 10) *Medical encyclopedia* '58 p94-111

STRESEMANN, Gustav, 1878-1929

Zwoch, Gerhard. Gustav-Stresemann-bibliographie. (Bibliog. zur geschichte des parlamentarismus und der politischen parteien, no 1) Droste-verlag '53 38p

STRESS (physiology)

Bevan, William, and Patton, Rollin M. Fatigue, stress, bodily change, and behavior; sel. bibliograph. (U.S. Wright air development center, WADC technical rep. 57-125) Air research & development command, U.S. Air force '57 64p

Dietz, N. Common cold and stress conditions. *Ind Med* 26:232-3 My '57

Funkenstein, Daniel H. and others. Mastery of stress. Harvard univ. press '57 p315-22

Henry, J. Culture, personality, and evolution. *Am Anthropol* 61:225-6 Ap '59

National research council. Division of medical sciences. Symposium on stress, sponsored jointly by [the] Division and the Army medical service graduate school. Walter Reed army medical center, 16-18 March 1953. Army medical service graduate school '53 incl bibliog

Saffran, M. Stress and the pituitary. (In *American psychiatric association. Stress. Experimental psychology. Child psychiatry*; papers presented at the regional research conference held under the joint auspices of the Association and McGill univ. Faculty of medicine, Dept. of psychiatry, Montreal, Quebec, Canada, Nov. 18-19, 1955. (Psychiatric research reps. 7) The association '57 p8-9)

Selye, Hans. Physiology and pathology of exposure to stress; a treatise based on the concepts of the general-adaptation-syndrome and the diseases of adaptation. *Acta* '50 p 1R-203R

—Annual report on stress, 1951[-1955-56] (V 1-5) by Hans Selye [and others] *Acta*; MD pubs. '51-'56 5v incl bibliog

STRESS (psychology) See Tension (psychology)

STRIKES and lockouts

- Aguet, Jean Pierre. Les grèves sous la Monarchie de juillet, 1830-1847; contribution à l'étude du mouvement ouvrier français. (Etudes d'histoire économique, politique et sociale, 7 [91]) Droz '54 p xxv-xxxv
- Koch, Max Jürgen. Die bergarbeiterbewegung im Ruhrgebiet zur zeit Wilhelms II, 1889-1914; hrgs. von der Kommission für geschichte des parlamentarismus und der politischen parteien in Bonn. (Beiträge zur geschichte des parlamentarismus und der politischen parteien, no5) Droste-verlag '54 p 151-6

See also

- Anthraxite coal strike, 1902
- Arbitration, Industrial
- Boycott
- Burlington strike, 1888
- Picketing

STRINDBERG, August, 1849-1912

- Smedmark, Carl Reinhold. Mäster Olof och Röda rummet. Almqvist '52 p337-85

STRIP mining

- Limstrom, Gustaf Adolph. Bibliography of strip-mine reclamation. (Misc. release no8) U.S. Central states forest experiment station '53 25p

STROMATOPOROIDEA

- Galloway, Jesse James, and St Jean, Joseph. Middle Devonian stromatoporoidea of Indiana, Kentucky, and Ohio. (Bul. of Am. paleontology, v37, no 162) Paleontological inst. '57 p260-71
- Galloway, J. J. and Jean, J. S. Bibliography of the order stromatoporoidea. J Paleont 30:171-85 Ja '56

STRONG vocational interest blank

- Layton, Wilbur Leslie. Counseling use of the Strong vocational interest blank. (Minn. Univ. Studies in student personnel work, no8) Univ. of Minn. press '58 p39-40

STRONTIUM

- Thompson, T. G. and Chow, T. J. Strontium-calcium atom ratio in carbonate-secreting marine organisms. Deep Sea Res 3 sup:39 D '55
- Turekian, K. K. and Kulp, J. L. Geochemistry of strontium. Geochimica & Cosmochimica Acta 10:295-6 N '56
- United States. Public health service. Bibliography related to radioactive strontium. The service '5-? 38p

See also

- Milk—Strontium content

Isotopes

- Engström, Arne, and others. Bone and radio-strontium. Wiley '58 incl bibliog

STRONTIUM in the body

- Larson, B. L. and Ebner, K. E. Significance of strontium-90 in milk: a review. J Dairy Sci 41:1661-2 D '58
- Lengemann, F. W. and others. Absorption of calcium and strontium from milk and nonmilk diets. J Nutrition 61:582-3 Ap '57

STROUPEŽNICKÝ, Ladislav, 1850-1892

- Hampel, František. Ladislav Stroupežnický, český humorista a dramatik. (Profil, no 19) Práce '50 p 114-15

STROUX, Johannes, 1886-

- Häsler, E. Schriftenverzeichnis Johannes Stroux. (In Deutsche akademie der wissenschaften zu Berlin, 1946-1956. Akademie-verlag '56 p351-7)

STRUCTURAL engineering

- Clough, R. W. Use of modern computers in structural analysis. Am Soc Civil Eng Proc 84 [ST3 no 16361:13-16 My '58
- Laushey, L. M. Direct design of optimum indeterminate trusses. Am Soc Civil Eng Proc 84 [ST8 no 1867]:34-5 D '58
- Tsui, E. Y. W. Aseismic design of structures by rigidity criterion. Am Soc Civil Eng Proc 80 [ST2 no 1942]:105-6 F '59

See also

- Shells (structural engineering)

STRUCTURAL frames

- Faltus, František. Prvky ocelových konstrukcí. 2d prelm ed (Česká matice technická. Spisy no296) Nakl. Československé akad. věd. '54 p503-18
- Hodge, Philip Gibson. Plastic analysis of structures. (McGraw-Hill ser. in engineering sciences) McGraw '59 incl bibliog
- Rogers, Grover L. Introduction to the dynamics of framed structures. Wiley '59 p327-32
- Tuma, J. J. and others. Analysis of frames with curved and bent members. Am Soc Civil Eng Proc 84 [ST 5 no 1764]:30-2 S '58

STRUCTURES, Theory of

- American society for testing materials. Symposium on some approaches to durability in structures; presented at the 61st annual meeting, Boston, Mass, June 23, 1958. (Special technical pub. no236) The society '58 incl bibliog

- Applied mechanics review. Am. soc. of mechanical engineers. See numbers
- Biggs, J. M. and others. Wind forces on structures: introd. and history. Am Soc Civil Eng Proc 84 [ST 4 no 1707-1712] JI '58 incl bibliog

- Blume, J. A. Structural dynamics in earthquake-resistant design. Am Soc Civil Eng Proc 84 [ST 4 no 1895]:43-5 JI '58

- Hammond, Rolt. Engineering structural failures; the causes and results of failure in modern structures of various types; with a foreword by Sir Bruce White. Philosophical lib. '56 incl bibliog

- Hodge, Philip Gibson. Plastic analysis of structures. (McGraw-Hill ser. in engineering sciences) McGraw '59 incl bibliog

- Kenedi, R. M. and others. Light structures—research and its application to economic design. Inst Eng & Shipbuilders Scot Trans 99:247-50 '55-56

- Kinney, Joseph Sterling. Indeterminate structural analysis. (Addison-Wesley ser. in civil engineering) Addison-Wesley '57 incl bibliog

- Same: abr ed (Addison-Wesley ser. in civil engineering) Addison-Wesley '57 incl bibliog

- Symonds, Paul Southworth. Plastic or limit analysis of rigid frames and slabs. (Bul. no 106) Va. Engineering experiment station '56 p 102-7

See also

- Graphic statics
- Strains and stresses
- Structural frames

STRUGGLE for existence

- Birch, L. C. Meanings of competition. Am Natur 91:17-18 Ja '57

STUART, Gilbert, 1755-1828

- Flexner, James Thomas. Gilbert Stuart; a great life in brief. (Great lives in brief; a new ser. of biographies) Knopf '55 p 193-7 annot

STUART, John McDouall, 1815-1866

- Webster, Mona Stuart. John McDouall Stuart. Cambridge '59 p309-11

STUBBLE farming. See Crop residues**STUDART, Guilherme, barão de, 1856-1938**

- Instituto do Ceará, Fortaleza, Brazil. 1.º centenário de nascimento do barão de Studart, 1856. Fontenele '55 p231-41

STUDENT achievement. See School achievement**STUDENT activities**

- Brown, Willis Clark. Extraclass activities in aviation, photography, radio, for secondary school pupils; suggestions for school administrators and sponsors. (Bul. 1956, no 11) U.S. Office of education '56 p43-8
- Kilzer, Louis Rudolph, and others. Allied activities in the secondary school. (Exploration ser. in education) Harper '56 incl bibliog

- Krumboltz, J. D. Relation of extracurricular participation to leadership criteria. Personnel & Guid J 35:313-14 Ja '57

- Selected references on extra-class activities Sch R 63:236-41; 64:197-9 Ap '55, Ap '56 annot

See also

- School athletics

STUDENT assistants

See also

- School libraries—Student assistants.

STUDENT health

- Funkenstein, Daniel H. and Wilkie, George H. Student mental health; an annot. bibliog. 1936-1955. World federation for mental health '56 297p

- National conference on health in colleges. Teamwork in meeting the health needs of college students; proceedings of the 4th Conference, held in conjunction with the 32d annual meeting of the Am. college health assn, May 5-8, 1954. Am. college health assn. '55 p 193-5

- Yale university. Division of student mental hygiene. Psychosocial problems of college men; ed. by Bryant M. Wedge. Yale univ. press '58 incl bibliog

STUDENT loans

United States. Office of education. Partial bibliography of materials related to international education, prepared by Thomas E. Cotner and John W. Grissom; rev. to July 1953, by Frank A. Knapp. Teacher programs branch, Div. of int. education '54 104p

STUDENT teaching. See Teachers—Training STUDENTS

Byrne, John T. Study of student problems in Catholic men's colleges. (Catholic univ. of Am. Educational research monographs, v20, no6) Catholic univ. of Am. press '57 p 112-16

Detjen, Mary Elizabeth (Ford) and Detjen, Ervin Winfred. So you're in high school. McGraw '58 p 119-21

Gordon, C. Wayne. Social system of the high school; a study in the sociology of adolescence; with a foreword by Stuart A. Queen. Free press '57 p 177-8

Sanford, N. and others. Personality development during the college years. J Social Issues 12 no4:69-70 '56

Tozer, A. H. D. and Larwood, H. J. C. Changes in intelligence test score of students between the beginning and end of their university courses. Brit J Educ Psychol 28:128 Je '58

Wise, William Max. They come for the best of reasons: college students today. Am. council on education '58 p63-5

See also

Scholarships

Housing

Riker, Harold C. Planning functional college housing. (Studies in education) Teachers college '56 p217-21

Personnel records

See Personnel records in education

Personnel work

See Personnel service in education

STUDENTS, Selection of

New York (city). Board of higher education. Division of teacher education. Studies in the selection of candidates for specialized programs in education, by Phyllis C. Wilson [and] Marion Taylor. (Research ser, 36) The division '59 p20-2 (1st group) p 12 (2d group)

STUDIES, Oriental. See Oriental studies**STUDY**

Brown, Howard Elmer. This is the way to study. Lippincott '56 incl bibliog

Strang, Ruth. Guided study and homework. (What research says to the teacher 8) Dept. of classroom teachers, Am. educational research assn. '55 p32

See also

Home study

STUDY-work plan. See Education, Cooperative**ŠTÚR, L'udovit, 1815-1856**

Bratislava. Univerzita. Knižnica. Štúrovské tlač univerzitnej knižnice v Bratislave; bibliog; spracoval Imrich Kotvan. (Bibliografie) The library '56 99p

Ormis, Ján Vladimír. Bibliografia L'udovíta Štúra. Matica slovenská '58 201p

Winter, E. L'udovít Štúr—literaturbericht. Z Slawistik 2 no3:427-31 '57

STURZO, Luigi, 1871-1959

Scritti di sociologia e politica in onore di Luigi Sturzo. (Istituto Luigi Sturzo, Rome. Pubblicazioni) Zanichelli '53 3v v 1, p xxiii-xxiv

STUTTERING. See Stammering**STUYVESANT, Pieter, 1592-1672**

Eerdmans, Martha. Pieter Stuyvesant; an historical documentation; comp. upon request of the Provincial gov. of Friesland in commemoration of the Pieter Stuyvesant festival at Wolvega, Friesland, July 12-16, 1955. Eerdmans '57 p75-8

STYLE, Literary

Riffaterre, Michael. Le style des Pléiades de Gombeyau; essai d'application d'une méthode stylistique. Columbia univ. press '57 p217-28

Seidler, Herbert. Allgemeine stilistik. Vandenhoeck & Ruprecht '53 p353-5

Ullmann, Stephen. Style in the French novel. Cambridge '57 p263-6

See also

Rhetoric

STYLES, Architectural

Weidhaas, H. and Müller, W. Bibliographie zur historischen baufornenlehre. Hochsch Arch & Bauw Wiss Z 3 no 1:5-12; 4 no2: 125-32; no3:207-15; no4:371-82; 5 no 1:61-71; no3:231-6; no6:379-87; 6 no2:145-52 '55/56-58/59

STYLOPIDAE

Linsley, Earle Gorton, and MacSwain, John Winslow. Observations on the habits of stylops pacifica Bohart. (Calif. Univ. Pubs. in entomology, v 11, no7) Univ. of Calif. press '57 p424-5

SUÁREZ, Francisco, 1548-1617

Pereña Vicente, Luciano. Teoría de la guerra en Francisco Suárez. Inst. Francisco de Vitoria, Consejo superior de investigaciones científicas '54 2v v 1, p32-48

SUÁREZ, Marco Fidel, 1855-1927

Ortega Torres, Jorge. Marco Fidel Suárez: bibliografía. (Filólogos colombianos, 2) Inst. Caro y Cuervo '56 547p

SUBCEPTION. See Perceptual defense**SUBCONSCIOUSNESS**

Jung, Carl Gustav. Collected works [eds: Sir Herbert Read and others] v9, pt 1, The archetype and the collective unconscious; tr. by R. F. C. Hull. (Bollingen ser, 20) Pantheon bks. '59 p393-404

See also

Dreams

Hypnotism

Psychoanalysis

SUBJECT catalogs. See Catalogs, Subject**SUBJECT headings**

Columbia university. School of library service. Subject analysis of library materials; papers presented at an inst, June 24-28, 1952; ed. with an introd. by Maurice F. Tauber. The school '53 incl bibliog

Mostecky, V. Study of the see-also reference structure in relation to the subject of international law. Am Doc 7:333-14 O '56

Special libraries association. SLA loan collection of classification schemes and subject heading lists on deposit at Western Reserve university as of November 1 1958; comp. by Bertha R. Barden and Barbara Denison. 4th ed The association '59 51p

SUBMARINE boats

General dynamics corporation. Electric board division. Submarine library. General reading list on the development and employment of submarines. The library '55 4p

International submarine bibliography, 1957[-1958] W. A. H. Brace '57-58 2v

National research council. Committee on undersea warfare. Annotated bibliography of submarine technical literature, 1557 to 1953. (Pub. 307) The council '54 261p

See also

Sonar

SUBMARINE diving. See Diving, Submarine**SUBMARINE geology**

Emery, K. O. Shallow submerged marine terraces of southern California. Geol Soc Am Bul 69:57-9 Ja '58

Ewing, M. and Heezen, B. C. Oceanographic research programs of the Lamont geological observatory. Geog R 46:532-5 O '56

Gates, O. and Gibson, W. Interpretation of the configuration of the Aleutian ridge. Geol Soc Am Bul 67:145-6 F '56

Hamilton, Edwin L. Sunken islands of the mid-Pacific mountains. (Memoir 64) Geological soc. of Am. '56 p87-91

Menard, H. W. Deformation of the north-eastern Pacific basin and the west coast of North America. Geol Soc Am Bul 66:1197-8 S '55

Menard, H. W. and Fisher, R. L. Clipperton fracture zone in the northeastern equatorial Pacific. J Geol 66:252-3 My '58

Newell, Norman Dennis, and others. Organism communities and bottom facies, Great Bahama bank. (Bul. v 117, article 4) Am. museum of natural history '59 p226-8

Stetson, H. C. Patterns of deposition at the continental margin. Deep Sea Res 3 sup: 307-8 D '55

Teichert, C. Cold- and deep-water coral banks. Am Assn Pet Geol Bul 42:1079-82 My '58

Terry, Richard D. Bibliography of marine geology and oceanography, California coast. (Special rep. 44) Calif. Div. of mines '55 131p

Yalkovsky, R. Relationship between paleo-temperature and carbonate content in a deep-sea cove. J Geol 65:495-6 S '57

SUBMARINE photography. See Photography, Submarine

SUBMARINE topography
Gealy, B. L. Topography of the continental slope in northwest Gulf of Mexico. Geol Soc Am Bul 66:226-7 F '55
Guilcher, André. Coastal and submarine morphology; tr. by B. W. Sparks and R. H. W. Kneese. Wiley '58 incl bibliog

See also

Volcanoes, Submarine
SUBMARINE warfare
London. Imperial war museum. Bibliography of submarine warfare. The museum '53 16p

SUBSIDENCES (earth movements)
Ostrava, Czechoslovak Republic (city). Státní vědecká knihovna. Vliv poddolování na povrchové stavby; výběrový seznam českých i cizojazyčných publikací a časopiseckých článků: sest. Jaroslav Ryděl a Otakar Entler. 2d enl & rev ed (Přiručka, no35) The library '53 23p

SUBSIDIES

See also

Ship subsidies
SUBTILIN
Michener, H. D. Action of subtilin on heated bacterial spores. J Bact 70:199-200 Ag '55

SUCCESS

See also

Leadership
SUCCESSION of states. See State succession
SUCCINIC acid

See also

Succinic oxidase
SUCCINIC oxidase
Sippel, T. O. Growth of succinoxidase activity in the hearts of rat and chick embryos. J Exp Zool 126:220-1 J1 '54

SUCCULENT plants

Bradbeer, J. W. and others. Malate synthesis in crassulacean leaves. Plant Physiol 33:69-70 Ja '58
Saltman, P. and others. Dark fixation of CO₂ by succulent leaves: metabolic changes subsequent to initial fixation. Plant Physiol 32:200 My '57

See also

Cactus
SUDAN
Sudan bibliography. Sudan Notes & Rec 33: 172-80; 34:136-45; 35:157-67; 36:89-100 Je '52, Je '53, Je '54, Je '55

SUDAN, Egyptian

Arkell, Anthony John. History of the Sudan; from the earliest times to 1821; with a foreword by Sir Harold MacMichael. Athlone press '55 p226-34
Elton, Godfrey Elton, 1st baron. Gordon of Khartoum; the life of General Charles George Gordon. Knopf '55 p372-6
Shukri, Muhammad Fu'ad, Gordon at Khartoum, 1884-1885. Dar el-Fikr el-Arabi '51 p72-80

History

Plášilová, Věra Maria. Le Soudan dans le différend anglo-égyptien. Pedone '54 p 169-77

Politics and government

Plášilová, Věra Maria. Le Soudan dans le différend anglo-égyptien. Pedone '54 p 169-77

SUEZ canal

Kienitz, Ernst. Der Suezkanal: seine geschichte, wirtschaftliche bedeutung und politische problematik. Reimer '57 p 158-67
Li, S. T. Suez canal; its chronicle and bibliography. Am Soc Civil Eng Proc 84 [WW 4 no 1770]:30-9 S '53
Rauschnig, Dietrich. Der streit um den Suezkanal; analyse, materialien, bibliographie. (Hektographierte veröffentlichungen, no27). Forschungsstelle für völkerrecht & ausländisches öffentliches recht, Univ. Hamburg '56 p 175-87

Society of comparative legislation and international law. Suez canal; a sel. of docs. relating to the int. status of the Suez canal and the position of the Suez canal company. Nov. 30, 1854-July 26, 1956. The society '56 p73-6

United States. Department of state. Library division. Suez crisis; a chronological reading list. (Bibliog. list no 144) The division '56 15p

SUFFERING

See also

Joy and sorrow

SUFFRAGE

See also

Negroes in the United States—Politics and suffrage

Germany

Schilfert, Gerhard. Sieg und niederlage des demokratischen wahlrechts in der deutschen revolution 1848/49. Rütten & Loening '52 p322-36

SUGAR

Beet factory technical notes [abstracts] See numbers of International sugar journal
Laboratory methods and chemical reports [abstracts] See numbers of International sugar journal

Sandoval, Fernando B. Bibliografía general del azúcar. Unión nacional de productores de azúcar '54 438p

Sugar-house practice [abstracts] See numbers of International sugar journal
Sugar research foundation. Ten years of research, 1943-1953. The foundation '53 incl bibliog

See also

Beets and beet sugar
Glucose
Plants—Sugar content

Analysis

Krehl, W. A. and Cowgill, G. R. Nutrient content of cane and beet sugar products. Food Res 20:467-8 S '55

Manufacture and refining

Verein der zuckerindustrie, Hanover. Technologie des zuckers; bearb. von Dietrich Becker [et al] Schaper '55 incl bibliog

SUGAR beets. See Beets and beet sugar

SUGAR cane

Agricultural abstracts. See numbers of International sugar journal

Artschwager, Ernst Friedrich, and Brandes, Elmer Walker. Sugarcane (saccharum officinarum L.) origin, classification, characteristics, and descriptions of representative clones. (Agriculture handbk. no22) U.S. Dept. of agriculture '58 p260-2

Banco de México. La industria azucarera de México. (Monografías industriales) Oficina de investigaciones industriales '52-'53 2v in 3 v2 pt 1, p219-68, 315

Blume, Helmut. Zuckerrohranbau am unteren Mississippi (Louisiana's Sugar bowl) (Münchener geographische hefte, no5) Lassleben '54 p63-8

Byrnside, David S. and Sturgis, Madison B. Soil phosphorus and its fractions as related to response of sugar cane to fertilizer phosphorus. (Bul. no513) Agricultural experiment station, La. State univ. & agricultural & mechanical college '58 p28-30

Edgerton, Claude Wilbur. Sugarcane and its diseases. (La. State univ. Studies. Biological science ser, no3) La. state univ. press '55 p 195-250

Glasziou, K. T. and others. Physiology of sugar-cane. Australian J Biol Sci 2:29, 327-8 F, Ag '58

Nishiyama, I. Basic numbers in the polyploidy of saccharum. J Heredity 47:98-9 Mr '56

Rosenfeld, Arthur Hinton. Sugar cane around the world. Univ. of Chicago press '56 p514-62

Diseases and pests

Butani, D. K. Sugarcane mites; a review. Ind Acad Sci Proc secB 49:105-7 F '59

Edgerton, Claude Wilbur. Sugarcane and its diseases. (La. State univ. Studies. Biological science ser, no3) La. state univ. press '55 p 195-250

Guagliumi, P. Contribuciones al estudio de la candelilla (aeneolamia spp. Y delassor spp., homoptera cercopidae) en Venezuela. Agron Trop 4:160-1 O '54

SUGAR in the body

See also

Blood—Sugar
Diabetes

SUGAR industry and trade

Klatt, W. World sugar economy. Int. union of food & drink workers' assn. '54 p59-60

Timoshenko, Vladimir Prokopovich, and Swerling, Boris Cyril. World's sugar: progress and policy. (Food, agriculture, and World war II) Stanford univ. press '57 incl bibliog

SUGAR industry and trade—Continued**United States**

- Turner, Jack T. Marketing of sugar. (Ind. Univ. Bur. of business research. Study no38) Irwin '55 p283-92

SUGAR products**Analysis**

- Krehl, W. A. and Cowgill, G. R. Nutrient content of cane and beet sugar products. Food Res 20:467-8 S '55

SUGAR substitutes*See also*

Saccharin

SUGARS

- Hulcher, F. H. and King, K. W. Disaccharide preference of an aerobic cellulolytic bacterium, *cellvibrio gilvus* n. sp. J Bact 76: 569-70 D '58

See also

Fungi, Effect of sugars on

Galactose

Plants—Sugar content

Polysaccharides

SUGGESTIBILITY*See also*

Persuasion (psychology)

SUGGESTION

- Stukát, Karl Gustaf. Suggestibility; a factorial and experimental analysis. (Acta psychologica gothoburgensia. 2) Almqvist '58 p241-8

See also

Hypnotism

SUGGESTION systems

- Seimer, Stanley J. Suggestion plans in American industry; the role of the foreman. Syracuse univ. press '59 p 160-1

SUICIDE

- Bartmann, Fritz. Dubiose fälle: grenzfälle von mord, selbstmord, unglücksfall; zusammenstellung und auswertung authentischen materials. Verlag für polizeiliches fach-schrifttum '54 p 163-6

- Dubitscher, Fred. Der suicid; unter besonderer berücksichtigung versorgungs-ärztlicher gesichtspunkte. (Arbeit und gesundheit; sozialmedizinische schriftenreihe aus dem gebiete des Bundesministeriums für arbeit, new ser, no61) Thieme '57 p217-21

- Shneidman, Edwin S. and Farberow, Norman L. eds. Clues to suicide; foreword by Karl A. Menninger. McGraw '57 incl bibliog

SULFA drugs. See Sulfonamides**SULFATION**

- Gilbert, E. E. and Jones, E. P. Sulfonation and sulfation. Ind & Eng Chem 47:1923-5; 48:1667-9; 49:1558-9; 50:1411-13 S '55, S '56, S '57, S '58

SULFHYDRIL compounds. See Mercapto compounds**SULFIDES**

- Coleman, R. G. and Delevaux, M. Occurrence of selenium in sulfides from some sedimentary rocks of the western United States. Econ Geol 52:526-7 Ag '57

- Helmer, E. Structural scheme for sulfide minerals. J Geol 66:524-5 S '58

- Ross, V. Geochemistry, crystal structure and mineralogy of the sulfides. Econ Geol 52: 773-4 N '57

- Wager, L. R. and others. Sulphides in the Skaergaard intrusion, East Greenland. Econ Geol 52:893-5, 903 D '57

See also

Carbonyl sulfides

Hydrogen sulfide

Iron sulfides

Pyrites

SULFITE liquor

- Utilization of spent sulphite liquor; a bibliog. of the literature pub. during 1954[1955] Tappi 38:165A-179A; 39:171A-186A J1 '55, J1 '56 annot

SULFONAMIDES

- Crowdy, S. H. and others. Control of certain plant diseases with sulphonamides. Ann Ap Biol 46:157-8 Je '58

- Levine, R. Effects of the sulfonylureas and related compounds in experimental and clinical diabetes. N Y Acad Sci Ann 71 no 1:9-11 '57

- Loubatières, A. Use of certain sulfonamides in the treatment of experimental diabetes mellitus. N Y Acad Sci Ann 67:no7:203-6 '56

SULFONATION

- Gilbert, E. E. and Jones, E. P. Sulfonation and sulfation. Ind & Eng Chem 47:1923-5; 48:1667-9; 49:1558-9; 50:1411-13 S '55, S '56, S '57, S '58

SULFONYL compounds

- Dulin, W. and Johnston, R. L. Studies concerning the role of the liver in the hypoglycemic response of animals to tolbutamide. N Y Acad Sci Ann 71 no 1:190-1 '57

- Levine, R. Effects of the sulfonylureas and related compounds in experimental and clinical diabetes. N Y Acad Sci Ann 71 no 1:9-11 '57

- Mirsky, I. A. Drugs effective orally in the treatment of diabetes mellitus. AMA Archives Ind Health 17:396-8 My '58

SULFUR

- Feely, H. W. and Kulp, J. L. Origin of Gulf Coast salt-dome sulphur deposits. Am Assn Pet Geol Bul 41:1852-3 Ag '57

- Jones, G. E. and Starkey, R. L. Fractionation of stable isotopes of sulfur by microorganisms and their role in deposition of native sulfur. Ap Microbiol 5:117-8 Mr '57

- Texas gulf sulphur company (incorporated) Facts about sulphur; a brief review of the history and occurrence of sulphur, a description of the Frasch process of mining sulphur, and a coll. of data regarding the physical and chemical properties of the element, rev ed The company '59 p47-52

See also

Fungi, Effect of sulfur on

Soils—Sulfur content

Isotopes

- Jensen, M. L. Sulfur isotopes and hydrothermal mineral deposits. Econ Geol 54: 394 My '59

- Jensen, M. L. Sulfur isotopes and the origin of sandstone-type uranium deposits. Econ Geol 53:615-16 Ag '58

- Thode, H. G. and others. Sulphur isotope abundances in petroleum and associated materials. Am Assn Pet Geol Bul 42:2640-1 N '58

SULFUR dioxide**Physiological effect**

- Greenwald, I. Effects of inhalation of low concentrations of sulfur dioxide upon man and other mammals. AMA Archives Ind Health 10:471-5 D '54

SULFUR metabolism

- France. Centre national de la recherche scientifique. Colloque sur la biochimie du soufre, Roscoff, 14-18 mai 1956. (Colloques internationaux) The center '56 incl bibliog

SULFUR organic compounds

- Reid, Ebenezer Emmet. Organic chemistry of bivalent sulfur. Chemical pub. co. '58 incl bibliog

SULFURIC acid

- Anderson, D. R. and Manlik, F. P. Sulfuric acid corrosion in oil-fired boilers; studies on sulfur trioxide formation. Am Soc Mech Eng Trans 80:1236-7 Ag '58

- Greenwald, I. Effects of inhalation of low concentrations of sulfur dioxide upon man and other mammals. AMA Archives Ind Health 10:471-5 D '54

SUMATRA**Languages**

- Voorhoeve, Petrus. Critical survey of studies on the languages of Sumatra. (Inst. voor taal-, land- en volkenkunde. Bibliog. ser, 1) Nijhoff '55 p30-55

SUMERIAN language

- Sollberger, Edmond. Le système verbal dans les inscriptions royales présargoniques de Lagas; contribution à la grammaire sumérienne. Droz '52 p3-13

SUMMER schools

- Rey-Herme, Philippe Alexandre. Les colonies de vacances en France; origines et premiers développements, 1881-1906. The author '54 p503-20

SUMMERALL, Charles Pelot, 1867-1955

- United States. Library of Congress. Manuscript division. Charles Pelot Summerall: a register of his papers in the Library. The division '58 9p

SUMNER, James Batcheller, 1887-1955

- Maynard, L. A. James Batcheller Sumner. (In National academy of sciences. Biographical memoirs. Columbia univ. press '58 p387-96)

SUN

- Rice, M. L. Recent literature on solar astrophysics. Meteorol Abst & Bibliog 9:192-222 F '59

See also

Solar heating

Radiation

See Solar radiation

- SUN dance**
Jones, J. A. Sun dance of the northern Ute. (U.S. Bur. of Am. ethnology. Anthropological papers, no47; Bul. 157) U.S. Gov. ptg. office '55 p259-63
- SUNDAY, Billy.** See Sunday, W. A.
- SUNDAY, William Ashley, 1862-1935**
McLoughlin, William Gerald. Billy Sunday was his real name. Univ. of Chicago press '55 p299-310 annot
- SUNDWALL, Johannes, 1877-**
Grumach, Ernst, ed. Minoica; festschrift zum 80. geburtstag von Johannes Sundwall. (Akad. der wissenschaften. Berlin. Sektion für altertumswissenschaft. Schriften. 12) Akademie-verlag '58 p461-5
- SUNFLOWERS**
Putt, E. D. and Sackston, W. E. Studies on sunflower rust. Can J Plant Sci 37:53-4 Ja '57
- SUPERCONDUCTIVITY.** See Electric conductivity
- SUPERMARKETS**
Super market institute. Index of super market articles; v2, 1953 to 1955. The institute '56 47p annot
- SUPERNATURAL**
West, Robert Hunter. Milton and the angels. Univ. of Ga. press '55 p211-21
See also
Miracles
Psychical research
Spiritualism
- SUPERSONIC aerodynamics.** See Aerodynamics, Supersonic
- SUPERSONIC testing.** See Ultrasonic testing
- SUPERSONIC waves.** See Ultrasonic waves
- SUPERSONICS.** See Ultrasonics
- SUPERSTITION**
Davidson, T. Charms and amulets in animal disease. Am Vet Med Assn J 133:74 J1 1 '58
Tabori, Paul. Natural science of stupidity [introd. by Richard Armour] Chilton co. '59 p265-7
See also
Animal lore
Medicine, Magic, mystic and spagirc
Voodooism
Witchcraft
- SUPERVIELLE, Jules, 1884-**
Euvres de Jules Supervielle; essai de bibliographie. Biblio 25:11 F '57
- SUPERVISION of schools.** See School supervision and supervisors
- SUPERVISORY workers**
American management association. AMA special conference; sel, induction, development of supervision, Nov. 18-19, 1954, New York. The association '54 p 127-30
Andrews, Richard E. Leadership and supervision. a survey of research findings; a management report. (Personnel management ser, no9) U.S. Civil service comm. '55 p53-62
Balma, M. J. and others. Role of the foreman in modern industry. Personnel Psychol 11:204-5, 378, 544 Summer-Winter '58
Benet, Carrie Lynn. Defining the manager's job; the AMA manual of position descriptions. (Research study no33) Am. management assn. '58 p438-40
Bowler, Earl M. Supervisory personnel development; a guide for organizing trade and industrial training programs. (U.S. Office of education. Vocational div. Bul. no266. Trade and industrial ser, no66) U.S. Gov. ptg. office '57 p31-2
Evans, Chester E. Supervisory responsibility and authority. (Research rep. no30) Am. management assn. '57 p43-8
Gerletti, John D. and Black, Frank B. Successful supervision; a guide for training supervisors. Brown '56 p56-62
Gilson, Thomas Q. Developing performance standards for supervisors; a study made for the Supervisory development service. (Research rep. no 1) Am. management assn. '55 p 91-104
Halsey, George D. Selecting and developing first-line supervisors. Harper '55 p 191-6 annot
Likert, R. Effective supervision; an adaptive and relative process. Personnel Psychol 11:331-2 Autumn '58
Mowry, H. W. Measure of supervisory quality. J Ap Psychol 41:407-8 D '57
Scanlan, E. C. Toward better supervision. Bsns Lit 24:125-6 S '56
- United States. Civil service commission. Program planning division. Training the supervisor; a guide on how to set up and conduct a supervisory training program; prepared as part of the Commission's career development program, by L. David Korb. (U.S. Civil service comm. Personnel methods ser, no4) U.S. Gov. ptg. office '56 118-26
Wirdenius. Hans. Supervisors at work: description and supervisor behavior; development of a time-sampling observation method. (PA council rep. no20) Swedish council for personnel adm. '58 p323-8
- Training**
Society of personnel administration. Case method; a technique of management development. (Pamphlet no 14) The society '57 p26-7
Weschler, Irving R. and others. Yardsticks for human relations training. (Calif. Univ. Inst. of industrial relations. Reprint no66) Adult education assn. of the U.S. '57 p22-4
- SUPPLY and demand**
Foote, Richard Jay. Analytical tools for studying demand and price structures. (U.S. Dept. of agriculture. Agriculture handbk. no 146) U.S. Gov. ptg. office '58 p 196-203
Nerlove, Marc. Distributed lags and demand analysis for agricultural and other commodities. (U.S. Dept. of agriculture. Agriculture handbk. no 141) U.S. Gov. ptg. office '58 p 116, 118-19
Rojko, Anthony Stanley. Demand and price structure for dairy products. (Technical bul. no 1168) U.S. Dept. of agriculture '57 p224-33
Wold, Herman, and Juréen, Lars. Análisis de la demanda, un estudio de econometría; tr. por J. Béjar [et al coordinada por Sixto Rios. Inst. de investigaciones estadísticas. Consejo superior de investigaciones científicas '56 p409-19
- SUPRARENALS.** See Adrenal glands
- SURFACE active agents**
National research council. Food protection committee. Relation of surface activity to the safety of surfactants in foods; a rep [prepared by the Toxicology subcommittee] (Pub. 463) The council '56 p7-10
- SURFACE active substances**
Johansen, R. T. and others. Detergents for petroleum displacement. Soap & Chem Spec 31:81 O '55
- SURFACE phenomena**
DeVore, G. W. Role of minimum interfacial free energy in determining the macroscopic features of mineral assemblages. J Geol 67:225-7 Mr '59
Mulligan, W. O. and others. Colloids and surface behavior. Ind & Eng Chem 47:620-5; 48:614-21; 49:547-53; 50:508-11; 51:417-21 Mr '55, Mr '56, Mr '57, Mr '58, Mr '59
See also
Adhesion
- SURFACES**
Cesari, Lamberto. Surface area. (Annals of mathematics studies, no35) Princeton univ. press '56 p577-94
Hall, J. G. and Hertzberg, A. Recent advances in transient surface temperature thermometry. Jet Propulsion 28:722-3 N '58
Kodaira, K. and Spencer, D. C. On deformations of complex analytic structures. Ann Math 67:465-6 My '58
Smith, A. M. O. and Clutter, D. W. Smallest height of roughness capable of affecting boundary-layer transition. J Aero/Space Sci 26:245-4 Ap '59
- SURFACTANTS.** See Surface active substances
- SURGERY**
Christopher, Frederick, ed. Textbook of surgery. 6th ed. by Loyal Davis. Saunders '56 incl bibliog
Hellner, Hans, and others, eds. Lehrbuch der chirurgie; unter mitarbeit von M. Allgöwer [et al] Thieme '57 incl bibliog
—Same. 2d rev ed Thieme '58 incl bibliog
International abstracts of surgery. Franklin H. Martin memorial foundation. See numbers
Julius, W. Dissertationen und habilitationsschriften der jahre 1945-1952 aus dem gebiete der chirurgie. Zentr Chirurg 79 no 1: 44-5; no2:74-6; no3:109-15; no4:173-4; no5: 193-204; no6:239-46; no7:283-90; no8:336-46; no9:389-98; no 10:420-6; no 11:466-76; no 15: 635-6; no 16:694-7; no 17:725-9; no21:904-11; no22:946-58 '54

SURGERY—Continued

Lindenschmidt, Theodor Otto. Pathophysiologische Grundlagen der Chirurgie in ihrer Auswirkung auf chirurgisches Handeln; mit einem Geleitwort von L. Zuckschwerdt. Thieme '58 incl bibliog

Marr, James Pratt. Pioneer surgeons of the Woman's hospital; the lives of Sims, Emmet, Pealee, and Thomas. Davis '57 incl bibliog

Peter Bent Brigham hospital, Boston. Surgical service. Principles and procedures. Harvard medical school '53 incl bibliog

Salembier, Yves. Chirurgie g rontologique; bases biologiques, la pratique pr , per et post-op ratoire chez le vieillard; pr f. du prof. P. Razemon. L'Expansion '57 p 149-56

Zimmerman, Leo M. and Levine, Rachmiel. eds. Physiologic principles of surgery. Saunders '57 incl bibliog

See also

Anatomy, Surgical and topographical

Anesthesia

Anesthetics

Autopsy

Bone grafting

Chemosurgery

Nurses and nursing. Surgical

Obstetrics

Pathology, Surgical

Wounds

See also subhead Surgery under the following subjects

Abdomen

Adrenal glands

Arteries

Blood vessels

Brain

Chest

Ear

Elbow

Esophagus

Eye

Femur

Genito-urinary organs

Hand

Head

Heart

Hip joint

Jaws

Lungs

Nerves

Nervous system

Skin

Stomach

Thymus gland

Thyroid gland

Urethra

Vascular system

Complications and sequelae

Brattstr m, Sten. Postoperative pulmonary ventilation with reference to postoperative pulmonary complications; a clino-experimental investigation by chest-roentgenograms and pulmonary nitrogen elimination measurements performed in connection with high laparotomies under inhalation anesthesia; tr. by L. James Brown. (Sup 1955) Acta chirurgica scandinavica '54 p78-82

Wiemers, Kurt, and Kern, Ernst. Die postoperativen fr hkomplikationen; ihre behandlung und verh tung. Thieme '57 p250-6

History

Flack, Isaac Harvey. Surgeons all; by Harvey Graham [pseud] foreword by Oliver St John Gogarty. Philosophical lib. '57 p444-6

Herbsman, H. Early history of pulmonary surgery. J Hist Med 13:346-8 J1 '58

Richardson, Robert G. Surgeon's tale: the story of modern surgery. Scribner '59 p261-2

Thorwald, J rgen. Century of the surgeon, [tr. by Clara and Richard Winston] Pantheon bks. '56 p402-26

Thorwald, J rgen. Das Jahrhundert der Chirurgen; nach den papieren meines grossvaters, des Chirurgen H. St. Hartmann. 2d ed Steingr ben verlag '57 p447-81

Psychological aspects

Janis, Irving Lester. Psychological stress; psychoanalytic and behavioral studies of surgical patients. Wiley '58 p413-30

SURGERY, Dental. See Dentistry, Operative

SURGERY, Military

United States. Army medical service graduate school, Washington, D.C. Recent advances in medicine and surgery (19-30 April 1954) based on professional medical experiences in Japan and Korea, 1950-1953. (Medical science pub. no4) The school '55 incl bibliog

SURGERY, Operative

Alexander, Edythe Louise. Care of the patient in surgery, including techniques. 3d ed Mosby '58 incl bibliog

Mulholland, John Hugh, and others, eds. Current surgical management; a bk. of alternative viewpoints on controversial problems; with contributions by 76 Am. authorities. Saunders '57 incl bibliog

See also

Heart failure

SURGERY, Orthopedic. See Orthopedia

SURGERY, Plastic

Fox, Sidney Albert. Ophthalmic plastic surgery. 2d rev ed Grune '58 incl bibliog

May, Hans. Reconstructive and reparative surgery. 2d ed Davis '58 incl bibliog

See also

Prosthesis

Skin grafting

History

Sallander, Hans, and Skoog, Tord. 100 books from the Waller collection in the University library of Uppsala illustrating the development of plastic surgery. Almqvist '55 21p

SURGERY, Primitive

Grana y Reyes, Francisco, and others. Las trepanaciones craneanas en el Per  en la  poca prehisp nica. Impr. Santa Mar a '54 p337-40

SURGICAL instruments

Meyerson, Ake, ed. and others. Studier i Serafimerlasarettets instrumentsamling; utg. med anledning av lasarettets 200- rsjubileum. Karolinska institutets kirurgiska klinik vid Serafimerlasarettet '52 p 127-30

SURGICAL nurses and nursing. See Nurses and nursing, Surgical

SURGICAL pathology. See Pathology, Surgical

SURREALISM

Chicago. Art institute. Surrealism & its affinities; the Mary Reynolds coll; a bibliog. comp. by Hugh Edwards. The institute '56 131p

See also

Expressionism

SURREY, England

Guildford, England. Public library. Reference department. Catalogue of works in the library relating to the county of Surrey. The library '57 55, 24p

SURVEYING

Bourdo, E. A. Review of the general land office survey and of its use in quantitative studies of former forests. Ecology 37:767-8 O '56

L ser, Hans Georg. Die regelm ssigen und zuf lligen fehler bei der orientierung nach sonnenh hen mit feldmesstheodoliten. (Ver ffentlichung. Reihe C: Dissertationen, no 10) Deutsche geod tische kommission, Bayerische akad. der wissenschaften '53 p 108-20

Pattison, William David. Beginnings of the American rectangular land survey system, 1784-1800. (Chicago. Univ. Dept. of geography. Research paper no50) Univ. of Chicago press '57 p235-48

Purdue university, Lafayette, Indiana. School of civil engineering and engineering mechanics. Proceedings of conferences on land surveying held at the University Jan. 14-15, 1953; Jan. 15-16, 1954; Jan. 21-22, 1955; Jan. 20-21, 1956; Jan. 18-19, 1957; comp. and ed. by Ken S. Curtis. (Extension ser. no93) Engineering extension dept. '58 p 113-27

Rayner, William Horace, and Schmidt, Milton O. Surveying: elementary and advanced. Van Nostrand '57 incl bibliog

Surveying and mapping literature. See numbers of Surveying and mapping

Taylor, Warren Crosby. Elementary surveying; 3d ed, by Russell C. Brinker and [the author] Int. textbook '55 p535

See also

Cartography

Geodesy

Mine surveying

Photographic surveying

SURVEYING instruments**See also**

Theodolites

SURVEYS

See also

Farm surveys
Library surveys
Nutrition surveys
Social surveys
Vegetation surveys

SURVIVAL of bacteria. See Bacteria—Viability and virulence

SUSQUEHANNA Indians

Witthoft, John, and Kinsey, W. Fred, eds. *Susquehannock miscellany*. Pa. historical & museum comm. '59 p 155-62

SUTHERLAND, Edwin Hardin, 1883-1950

Sutherland, Edwin Hardin. *Sutherland papers*; ed. by Albert Cohen [and others] (Ind. Univ. Pubs. Social science ser, no 15) Ind. univ. press '56 p327-30

SUTTON HOO treasure

Magoun, F. P. and Bessinger, J. B. Sutton Hoo ship-burial: a chronological bibliography. *Speculum* 29:116-24; 33:515-22, Ja '54, O '58

SWALLOWS, Chimney. See Swifts

SWAMPS. See Marshes

SWAZI (African tribe)

Kuper, Hilda. Swazi. (Ethnographic survey of Africa; Southern Africa, pt 1) Int. African inst. '52 p83-9

SWEAT glands

Diseases

Benedek, Tibor. Hidradenitis suppurativa; its etiology, pathogenesis and specific vaccine therapy. (Sup37) *Acta dermatovenereologica* '57 p45-7

SWEDEN

Spencer, Arthur. Englishman looks at Sweden. *Swedish inst.* '57 p79-80

Svenska institutet för kulturellt utbyte med utlandet. Stockholm. Information about Sweden; ptd. and mimeographed material available in English at the Inst. Jan. 1958. The institute '58 vp

Antiquities

Svenska arkeologiska samfundet. Swedish archaeological bibliography, 1949-1953; ed. by Christian Callmer and Wilhelm Holmqvist. *Almqvist* '56 293p annot

Description and travel

Bring, Samuel Ebbe. *Itineraria svecana*; bibliografisk förteckning över resor i Sverige fram till 1950. (Svenska bibliotekariesamfundet. Skriftserie, 3) *Almqvist* '54 586p

Economic conditions

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Schweden: 668 titel mit bibliothekssignaturen der vorhandenen werke; stand: mai 1954 [bearb. von Anny Schmidt] (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung, no4) *The library* '54 101p

Heckscher, Eli Filip. *Economic history of Sweden*; tr. by Göran Ohlin; with a sup. by Gunnar Heckscher, and a pref. by Alexander Gerschenkron. (Harvard economic studies, v95) Harvard univ. press '54 p291-301

Foreign relations

Abrahamsen, Samuel. Sweden's foreign policy; incl. an introd. by Alvin Johnson. *Public affairs press* '57 incl bibliog

Den Svenska utrikespolitikens historia [redaktionskommitté: Nils Ahnlund et al] Norstedt '51-'57 4v incl bibliog

Government publications

Sweden. Riksdagen. Bibliotek. *Årsbibliografi över Sveriges offentliga publikationer*, 1951 [-1958] *The library* '52-'59 8v

History

Hennings, Beth. Gustaf III, en biografi. Norstedt '57 p330-48

Palme, Sven. Ulric. Söderköpings riksdag, 1595. Appelbergs boktr. '52 p 198-201

Roberts, Michael. Gustavus Adolphus; a history of Sweden, 1611-1632. Longmans '53-'58 2v v 1. p528-64; v2. p790-820

Svensk historisk bibliografi, 1921-1935; systematisk förteckning över skrifter och uppsatser som röra Sveriges historia utkomna från och med 1921 till och med 1935; på grundval av Kristian Setterwalls och Percy Elfstrands årsbibliografier revid. och red. av Paul Sjögren. (Svenska historiska föreningen. Skrifter, 5) *Almqvist* '56 685p

History, Naval

Odelberg, Wilhelm. Viceamiral Carl Olof Cronstedt; levnadsteckning och tidsskildring. Söderström '54 p555-71

Industries and resources

Nyström, Per. Stadsindustrins arbetare före 1800-talet. Tidens förlag '55 p439-54

Neutrality

La Ruche, Francis. *La neutralité de la Suède; dix années d'une politique*; 1939-1949. Nouvelles éds. latines '53 p213-18

Politics and government

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Schweden: 668 titel mit bibliothekssignaturen der vorhandenen werke; stand: mai 1954 [bearb. von Anny Schmidt] (Auslandskunde; literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Länder-abteilung, no4) *The library* '54 101p

Rystad, Göran. Johan Gyllenstierna, rådet och kungamakten; studier i Sveriges inre politik, 1660-1680. (Bibliotheca historica Lundensis, 2) Gleerup '55 p314-23

Svärd, Lydia. Väckelserörelsernas folk i Andra kammaren, 1867-1911; frikyrkliga och lägkyrkliga insatser i svensk politik. Missionsförbundets förlag '54 p339-51

Social policy

Sweden. Socialstyrelsen. Social-Sverige. The office '56 p488-503

Statistics

Dalenius, Tore. Sampling in Sweden; contributions to the methods and theories of sample survey practice. *Almqvist* '57 incl bibliog

SWEDES in Finland

Klöveborn, M. Finlandschwedische bevölkerung und die sprachverhältnisse in Finnland. *Erdkunde* 12:181-2 S '58

SWEDES in foreign countries

Vår svenska stam på utländsk mark; svenska öden och insatser i främmande land. Lindqvists förlag '52-'53 3v v3, p421-6

SWEDES in the United States

Ander, Oscar Fritiof. Cultural heritage of the Swedish immigrant; sel. references. (Augustana lib. pubs, no27) *Denkmann memorial lib, Augustana college* '56 191p annot

SWEDISH fiction

Bibliotekstjänst. Förteckning över fortsättningsarbeten bland svenska och översatta romaner. *The library* '55 19p

SWEDISH language

Old Swedish

Ronge, Hans H. Konung Alexander; filologiska studier i en fornsvensk text. Konung Alexander; philologische studien zu einem altschwedischen text. (Skrifter, 3) Institutionen för nordiska språk. Uppsala univ. '57 p302-24

Study and teaching

Tarschys, Karin. Svenska språket och litteraturen; studier över modersmålsundervisningen i högre skolor. (Stockholm studies in Scandinavian philology, 13) Natur och kultur '55 p379-405

SWEDISH literature

History and criticism

Svensk litteraturhistorisk bibliografi, no 57 [-74] 1938[-1955] *Samlaren* 21:1-34; 22:1-28; 23:1-36; 24:1-37; 25:1-38; 26:1-31; 27:1-36; 28:1-38; 29:1-46; 30:1-44; 31:1-38; 32:1-44 33:1-35; 34:30; 35:1-32; 36:1-38; 37:1-39; 38:1-33 (at end) '40-'57

Study and teaching

Tarschys, Karin. Svenska språket och litteraturen; studier över modersmålsundervisningen i högre skolor. (Stockholm studies in Scandinavian philology, 13) Natur och kultur '55 p379-405

Translations from English

Anderson, Carl L. Swedish acceptance of American literature. *Almqvist* '57 p 108-38

SWEET potatoes

Lambou, M. G. Effects of curing, storage and dehydration on the mono- and disaccharides of the sweet potato. *Food Tech* 12:154-5 Mr '58

MacNair, Vera. Effects of storage and cooking on carotene and ascorbic acid content of some sweet potatoes grown in northwest Arkansas. (Bul. 574) Agricultural experiment station, College of agriculture & home economics, Univ. of Ark. '56 p 16-17

Morris, L. L. and Mann, L. K. Wound healing, keeping quality, and compositional changes during curing and storage of sweet potatoes. *Hilgardia* 24:173 D '55

SWIFT, Jonathan (Isaac Bickerstaff, pseud) 1667-1745

Greenacre, Phyllis, Swift and Carroll; a psychoanalytic study of two lives. *Int. univ. press* '55 p287-90

Quintana, Ricardo. Swift; an introduction. *Oxford* '55 p 193-5

Swift, Jonathan. Tale of a tub, to which is added The battle of the books, and the Mechanical operation of the spirit; together with The history of Martin, Wotton's Observations upon the Tale of a tub, Curll's Complete key, etc; the whole ed. with an introd. and notes historical and explanatory, by A. C. Guthkelch and D. Nichol Smith. 2d ed Oxford '58 p lxxv-lxxvii

SWIFTS

Fischer, Richard B. Breeding biology of the chimney swift, *Chaetura pelagica* (Linnaeus) (N.Y. State museum, Albany. Bul. no368) Univ. of the state of N.Y. '53 p 134-40

Lack, D. Review of the genera and nesting habits of swifts. *Auk* 73:27-32 Ja '56

SWIMMING

Van Huss, W. D. and Cureton, T. K. Relationship of selected tests with energy metabolism and swimming performance. *Res Q* 26:220-1 My '55

SWIMMING pools

Fitzgerald, G. P. Bactericidal and algicidal properties of some algicides for swimming pools. *Ap Microbiol* 7:210-11 Ji '59

Means, Louis E. and Gibson, Charles D. Planning school-community swimming pools. *Calif. state dept. of education* '55 p57-8

SWINDLERS and swindling

See also

Counterfeits and counterfeiting

Forgery

Quacks and quackery

SWINE

Carroll, William Ernest, and Krider, Jake Luther. *Swine production*. 2d ed (McGraw-Hill pubs. in the agricultural sciences) McGraw '56 incl bibliog

Zobrisky, S. E. and others. Pork carcass evaluation. (Research bul. 554) Agricultural experiment station, College of agriculture, Univ. of Mo. '54 p50-2

Diseases and pests

Bauman, Emanuel R. and others. Survival of swine disease organisms in the heat treatment of garbage. (Bul. 179) Iowa engineering experiment station, Iowa state college '57 p 110-14

Dunne, Howard W. ed. *Diseases of swine*. Iowa state college press '58 incl bibliog

Ullrey, D. E. and others. Oral and parenteral administration of iron in the prevention and treatment of baby pig anemia. *J Animal Sci* 18:263 F '59

See also

Rhinitis in swine

Feeding

Beacom, S. E. Chlortetracycline and protein level in rations for market hogs. *Can J Animal Sci* 39:77-8, 82-3 Je '59

Bell, J. M. Nutrient requirements for Canadian Yorkshire swine. *Can J Animal Sci* 37:89; 38:83 Je '57, Je '58

Dahl, O. Influence of the basal diet on the quality of pig fat. *Acta Ag Scand* 8 no 1:116 '58

Germann, A. F. O. and others. Revaluation of the L-lysine requirement of the weanling pig. *J Animal Sci* 17:60-1 F '58

Henson, J. N. Vitamin, amino acid, and antibiotic supplementation of corn-meat by-product rations for swine. *J Animal Sci* 13:896-8 N '54

Jonsson, P. Investigations on group feeding versus individual feeding and on the interaction between genotype and environment in pigs. *Acta Ag Scand* 9 no2:227-8 '59

Jordan, C. E. and others. Producing leaner market hogs by different feed combinations and controlled corn intake. *J Animal Sci* 15:888-90 Ag '56

Mahon, P. and others. Quality of smoked ham as affected by adding antibiotic and fat to the diet and phosphate to the cure. *Food Tech* 10:271-2 Je '56

Pfander, W. H. and Tribble, L. F. Some effects of adding supplements of lysine, methionine and tryptophan to practical swine rations. *J Animal Sci* 14:554-5 My '55

Rechcigl, M. and others. Histidine requirements of baby pigs. *Nutrition* 60:628-9 D '56

Robison, Wayne Lewis, and others. Use of an antibiotic in rations for pigs. (Research bul. 769) Ohio agricultural experiment station '56 p75-8

Thrasher, G. W. and others. Effect of estrogenic and androgenic compounds upon growth and carcass composition of swine. *J Animal Sci* 18:408-9 F '59

Tribble, L. F. and others. Factors affecting growth, feed efficiency and carcass in swine. (Research bul. 609) Agricultural experiment station, Univ. of Mo. '56 p43-6

Whiting, F. and Bezeau, L. M. Nutritional value of frost-damaged and early-harvested cereal grains for swine. *Can J Ag Sci* 34: 633-4 N '54

Wisner-Pedersen, J. Some observations on the quality of cured bacon in relation to ante-mortem treatment. *Acta Ag Scand* 9 no 1:89-90, 101, 109

SWINE breeding

Bundy, Clarence E. and Diggins, Ronald V. *Swine production*. Prentice-Hall '56 incl bibliog

Dyrendahl, S. and others. Artificial raising of baby pigs. *Acta Ag Scand* 8 no 1:18-19 '58

Jonsson, P. Investigations on group feeding versus individual feeding and on the interaction between genotype and environment in pigs. *Acta Ag Scand* 9 no2:227-8 '59

Rathnasabapathy, V. and others. Genetic and environmental factors affecting litter size in swine. (Research bul. 615) Agricultural experiment station, Univ. of Mo. '56 p41-2

SWISS drama (German)

Joho, Rudolf, ed. *Schweizerische Bühnenwerke in deutscher sprache; berufstheater*. Volkswelt '55 214p

SWITCHES, Electric. See Electric switches

SWITZERLAND**Church history**

Gruner, Paul. Die stillen im lande und die Evangelische allianz. Haller '50-'51 2v v 1, p 136-7; v2, p 136-9

Climate

Götz, Friedrich Wilhelm Paul. Klima und wetter in Arosa; nach fünfundfünfzigjährigen aufzeichnungen seiner meteorologischen station. Huber '54 p 138-42

Government publications

Bibliographie der schweizerischen amtsdruck-schriften 1[-13] 1946-[-1958] Schweizerische landesbibliothek '47-'59 13v

History

Allgemeine geschichtsforschende gesellschaft der Schweiz. Bibliographie der Schweizer-geschichte. Bibliographie de l'histoire suisse, 1950[-1957] Leemann '51-'58 8v

Languages

Planta, Johann Martin von. Unsere sprachen und wir; von der vielsprachigen Schweiz zum sprachziel des abendlandes. Huber '57 p 149-55

Politics and government

Ghosh, Ramesh Chandra. Government of the Swiss Republic. World press '53 p 186-8

Heimann, Rudolf Arnold. Johann Ulrich Ochsenbein; der mensch, der politiker, der staatsmann. (Bern. Bürgerbibliothek. Schriften) Stämpfli '54 p 129-32

SWITZERLAND in literature

Bettex, Albert W. Spiegelungen der Schweiz in der deutschen literatur, 1870-1950. Niehan '54 223p

SWORDS

- Bruhn Hoffmeyer, Ada. Middelalderens tveeggede sward; en undersøgelse af dets udviklingshistorie, kronologi og nationalitet, dets stilling i den almindelige våbenhistoriske udvikling og dets krigsmæssige betydning; with an English summary. Tøjhusmuseet '54 2v v 2, p82-92
- Yumoto, John M. Samurai sword, a handbook. Tuttle '58 p 169-74 annot

SYLVAN yellow fever. See Yellow fever

SYMBIOSIS

- Brooks, M. A. and Richards, A. G. Intracellular symbiosis in cockroaches. *J Exp Zool* 132:462-3 Ag '56
- Davenport, D. Specificity and behavior in symbioses. *Q R Biol* 30:45-6 Mr '55
- Nutting, W. L. and Cleveland, L. R. Effects of glandular extirpations on cryptocerous and the sexual cycles of its protozoa. *J Exp Zool* 137:36-7 F '58
- Steinhaus, E. A. Observations on the symbiotes of certain coccidae. *Hilgardia* 24: 196-8 D '55
- Tijdschrift voor entomologie. La symbiose des insectes avec les microorganismes. The symbiosis of insects with microorganisms; extrait du vol. 95, 1952. (Ser. B: Colloquia, no 10) Int. union of biological sciences '52 incl bibliog
- Tocquet, Robert. L'entraide dans le monde des animaux et des plantes; introd. de Louis Marin. (Les heures scientifiques) Dunod '53 p 161-8

See also

- Antibiosis
Parasitism

SYMBIOSIS (botany)

- Allen, O. N. and Baldwin, I. L. Rhizobial-legume relationships. *Soil Sci* 78:425-7 D '54

SYMBOLISM

- Brussels. Palais des beaux-arts. Le mouvement symboliste; exposition organisée dans le cadre de l'Accord culturel franco-belge. 31 janvier-3 mars 1957. Eds. de la connaissance '57 139p
- Dillistone, Frederick William. Christianity and symbolism. Westminster press '55 p311-14
- Stein, L. What is a symbol supposed to be? *J Anal Psychol* 2:82-4 Ja '57
- Warner, William Lloyd. Living and the dead; a study of the symbolic life of Americans. (Yankee city ser. v5) Yale univ. press '59 p509-19

See also

- Heraldry

SYMBOLISM in art

- Carter, Dagny (Olsen). Symbol of the beast; the animal-style art of Eurasia. Ronald '57 p 173-91
- Gimbutas, Marija (Alseikaitė). Ancient symbolism of Lithuanian folk art. (Memoirs, v49) Am. folklore soc. '58 p 139-48
- Lövgren, Sven. Genesis of modernism; Seurat, Gauguin, van Gogh and French symbolism in the 1880's. (Figura. Studies, 11) Inst. of art history. Univ. of Uppsala '58 p 170-4
- Polak, Bettina Henriëtte. Het fin-de-siècle in de Nederlandse schilderkunst; de symbolistische beweging 1890-1900. (Utrechtse bijdragen tot de kunstgeschiedenis, 4) Nijhoff '55 p317-24

SYMBOLISM in literature

- Ayda, Adile. Le drame intérieur de Mallarmé; ou, L'origine des symboles mallarméens. Eds. La Turquie moderne '55 p273-85
- Brussels. Palais des beaux-arts. Le mouvement symboliste; exposition organisée dans le cadre de l'Accord culturel franco-belge. 31 janvier-3 mars 1957. Eds. de la connaissance '57 139p
- Frey, John Andrew. Motif symbolism in the disciples of Mallarmé. (Catholic univ. of Am. Studies in Romance languages and literatures, v55) Catholic univ. of Am. press '57 p 148-55
- Kalf, D. Significance of the hare in Reynard the fox. *J Anal Psychol* 2:192-3 Jl '57

SYMBOLS. See Signs and symbols

SYMPATHY

See also

- Empathy

SYMPTOMS. See Semiology

SYNCHRONOUS motors. See Electric motors, Synchronous

SYNCHYTRIUM

- Karling, J. S. Host reaction, host-parasite relationship, hosts, and taxonomic criteria in synchytrium. *Mycologia* 46:311-13 My '54
- Karling, J. S. Possible relationships and phylogeny of synchytrium. *Torrey Bot Club Bul* 81:361-2 Jl '54
- Lingappa, B. H. Development and cytology of the evanescent prosori of synchytrium brownii Karling. *Am J Bot* 45:122-3 F '58
- SYNCOPE (pathology)
- Derbes, Vincent de Paul Joseph, and Kerr, Andrew. Cough syncope. (Am. lecture ser, pub. no231) Thomas '55 p 150-71
- SYNERGISM (botany)
- Elarosi, S. Fungal associations. *Ann Bot* 21:567, 584-5; 22:415-16 O '57, Jl '58

SYNTHESIS

See also

- Photosynthesis
- SYNTHESIS (botany)
- Klein, H. P. Synthesis of lipids in resting cells of *saccharomyces cerevisiae*. *J Bact* 69:626-7 Je '55
- SYNTHETIC products
- See also
- Plastics
- Resinous products
- Rubber, Artificial
- Silicones
- Textile fibers, Synthetic
- SYNTHINE process
- Anderson, Hazel C. and others. Bibliography of the Fischer-Tropsch synthesis and related processes. (U.S. Bur. of mines, Bul. 544) U.S. Gov. ptg. office '54 532p
- Benson, Homer Edwin, and others. Development of the Fischer-Tropsch oil-recycle process. (U.S. Bur. of mines, Bul. 568) U.S. Gov. ptg. office '57 p71-2

SYPHILIS

- Cleugh, James. Secret enemy; the story of a disease. Yoseloff '56 p260-1
- Flodén, C. H. Cerebrospinal fluid protein in syphilis; a methodological and clinical study, based on the Izikowitz method for fractional protein determination, and a comparison with paper electrophoretic protein determination. (Acta dermato-venereologica, v35, sup32) Håkan Ohlssons boktr. '55 p 180-4
- Gjæstad, Trygve, Oslo study of untreated syphilis; an epidemiological investigation of the natural course of the syphilitic infection based upon a re-study of the Boeck-Bruusgaard material. (Acta dermato-venereologica, v35, sup34) Akademisk forlag '55 p365-8

SYRIA

- Patal, Raphael. Jordan, Lebanon, and Syria; an annot. bibliography. (Behavior science biblogs) HRAF press '57 289p

SYRIAN church

- Brown, Leslie Wilfrid. Indian Christians of St Thomas; an account of the ancient Syrian church of Malabar. Cambridge '56 p306-12

SYRO-JACOBITE church of Malabar

- Tisserant, Eugène, cardinal. Eastern Christianity in India; a history of the Syro-Malabar church from the earliest time to the present day; authorized adaptation from the French by E. R. Hambye. Newman press '57 p205-50

SYRUP. Friedrich, 1881-1945

- Syrup, Friedrich. Hundert jahre staatliche sozialpolitik. 1839-1939; hrsg. von Julius Scheuble; bearb. von Otto Neuloh. Kohlhammer '57 p35-41

SYSTEMATIC theology. See Theology, Doctrinal

SZONDI test

- Rainwater, Lee. Study of personality differences between middle and lower class adolescents: the Szondi test in culture-personality research. (Genetic psychology monographs, v54, 1st half) Journal press '56 p85-6

T

TABANIDAE. See Horse flies

TABLETS, Tell el-Amarna. See Tell el-Amarna tablets

TABOO

Steiner, Franz. Taboo; with a pref. by E. E. Evans-Pritchard. Philosophical lib. '56 p 149-52

TABULATING machines

See also

Punched card systems

TACCHIE VENTURI, Pietro, 1861-1956

Scaduto, M. P. Pietro Tacchi Venturi, S.I. (1861-1956). Archivum Hist Soc Iesu 25: 762-76 J1 '56

TACITUS, Cornelius, ca 55-117

Mendell, Clarence Whittlesey. Tacitus: the man and his work. Yale univ. press '57 p379-85 annot

Syme, Ronald. Tacitus. Oxford '58 2v v2, p809-23

TADPOLES. See Frogs

TAIPING Rebellion, 1850-1864

Anderson, Flavia. Rebel emperor. Doubleday '59 p343-6

TAIWAN. See Formosa

TAK, Pieter Lodewijk, 1848-1907

Thys, Walter. De Kroniek van P. L. Tak, brandpunt van Nederlandse cultuur in de jaren negentig van de vorige eeuw. (Vlaamse acad. voor taal- en letterkunde. Uitgaven, reeks 6) Secretarie der acad. '55 p346-54

TALBOT, Ethelbert, 1848-1928

Barnes, C. Rankin. Ethelbert Talbot, 1848-1928; missionary bishop, diocesan bishop, presiding bishop. (Pub. no41) Church historical soc. '55 p50-1

TALC

South Australia. Geological survey. Department of mines. Talc. (Abstract bul. no2) The department '56 3p annot

TALENT. See Ability

TALES

Campbell, Marie. Tales from the cloud walking country. Ind. univ. press '58 p267-70

Delarue, Paul. Le conte populaire français; catalogue raisonné des versions de France et des pays de langue française d'outre-mer: Canada, Louisiane, îlots français des Etats-Unis, Antilles françaises, Haïti, Ile Maurice, La Réunion; v 1, Catalogue des versions avec leur analyse selon le classement international Arne-Thompson no 300 à 400. Erasme '57 394p

Gaer, Joseph. Fables of India. Little '55 p 173-6 annot

Hansen, Terrence Leslie. Types of the folk-tale in Cuba, Puerto Rico, the Dominican Republic, and Spanish South America. (Calif. Univ. Pubs. Folklore studies, 8) Univ. of Calif. press '57 p xi-xiii

See also

Negro tales

History and criticism

Leven, Friedrich von der, and Schier, Kurt. Das märchen: ein versuch, 4th rev ed Quelle & Meyer '58 p 180-1

TALKING books

Braille book review; a guide to Braille and talking bk. publications. Am. foundation for the blind. See numbers

United States. Library of Congress. Division for the blind. Catalog of talking books for the blind, 1953-57. U.S. Gov. ptg. office '58 145p

TALL oil

Tall oil for resins. Tappi 38:110A-112A; 39: 128A-130A Ap '55, F '56

Tall oil in synthetic detergents. Tappi 42: 66A Je '59

West, Clarence Jay. Tall oil; 3d ed [by] Jack Weiner. (Bibliog. ser, no 133-135) Inst. of paper chemistry '59 450p annot

TALLOW

Johnson, D. and others. Effect of addition of inedible tallow to a calf starter fed to Holstein calves. J Dairy Sci 39:1277-9 S '56

TALON, Omer, 1510?-1562

Ong, Walter Jackson. Ramus and Talon inventory; a short-title inventory of the pub. works of Peter Ramus (1515-1572) and of Omer Talon (ca 1510-1562) in their original and in their variously altered forms; with related material: 1. The Ramist controversies; a descriptive catalogue. 2. Agricola check list: a short-title inventory of some ptd. eds. and ptd. compendia of Rudolph Agricola's Dialectical invention (De inventione dialectica) Harvard univ. press '58 558p

TANGANYIKA

Economic conditions

Tanganyika territory. Tanganyika, a review of its resources and their development; prepared under the direction of J. F. R. Hill, and ed. by J. P. Moffett. The administration '55 p861-8

Social conditions

Tanganyika territory. Tanganyika, a review of its resources and their development; prepared under the direction of J. F. R. Hill, and ed. by J. P. Moffett. The administration '55 p861-8

Social life and customs

Cory, Hans. African figurines; their ceremonial use in puberty rites in Tanganyika. Grove '56 p 173-6

TANGIER

Stuart, Graham Henry. International city of Tangier. 2d ed (Stanford bks. in world politics) Stanford univ. press '55 p 193-200

History

Luke, John. Tangier at high tide: the journal of John Luke, 1670-1673; ed. by Helen Andrews Kaufman; with the collaboration of Paul Kaufman. Droz '58 p233-4 annot

TANGUY, Yves, 1900-1955

New York (city). Museum of modern art. Yves Tanguy; by James Thrall Soby. The museum '55 p69-70

TANKS

See also

Oil tanks

TANNIC acid

See also

Tannins

TANNING

Abstracts. See numbers of American leather chemists association. Journal

Abstracts. See numbers of Society of leather trades' chemists. Journal

Fulling, E. H. Botanical aspects of the paper-pulp and tanning industries in the United States—an economic and historical survey. Am J Bot 43:633-4 O '56

Gansser, A. Tanning in modern times. Ciba R 118:34 Ja '57

See also

Hides and skins

Leather

TANNINS

Thresh, J. M. Some effects of tannic acid and of leaf extracts which contain tannins on the infectivity of tobacco mosaic and tobacco necrosis viruses. Ann Ap Biol 44: 617-18 D '56

TANSLEY, Sir Arthur George, 1871-1955

Godwin, H. Arthur George Tansley, 1871-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p244-5)

TANTALUM

Williamson, D. R. and Burgin, L. Columbium (niobium) and tantalum. Col Sch Mines Mineral Ind Bul 1:10-12 S '58

TAPESTRY

Plourin, Marie Louise. Historia del tapiz en occidente; versión española de Enrique Barué, Ed. Seix Barral '55 p 189-92

Stenton, Sir Frank, ed. Bayeux tapestry; a comprehensive survey. Phaidon '57 p87-8

TAPEWORMS

Baer, Jean Georges. Revision taxinomique et étude biologique des cestodes de la famille des tetrabothriidae, parasites d'oiseaux de haute mer et de mammifères marins. (Neuchâtel. Univ. Mémoires. Sér. in-quarto, no 1) Secrétariat '54 p 115-18

Chandler, A. C. and Pradatsundarasar, A. Two cases of raillietina infection in infants in Thailand, with a discussion of the taxonomy of the species of raillietina (cestoda) in man, rodents and monkeys. J Parasitol 43:87-8 F '57

Freeman, R. S. Life history studies on taenia mustelae Gmelin, 1790 and the taxonomy of certain taenioid cestodes from mustelidae. Can J Zool 34:241-2 Ag '56

Greenberg, A. E. and Dean, B. H. Beef tapeworm, measy beef, and sewage—a review. Sewage & Ind Wastes 30:267-9 Mr '58

Mahon, J. Helminth parasites of reptiles, birds, and mammals of Egypt; avian cestodes. Can J Zool 36:604-5 Ag '58

TAPEWORMS—*Continued*

- Mahon, J. On a collection of avian cestodes from Canada. *Can J Zool* 34:118-19 Ap '56
 Millemann, R. E. Studies on the life-history and biology of ocohoristica deserti n. sp. (cestoda: linstowiidae) from desert rodents. *J Parasitol* 41:436-7 Ag '55
 Rausch, R. Studies on the helminth fauna of Alaska. *J Parasitol* 40:559-60 O '54
 Young, R. T. Review of the cestode genus echeneibothrium. *Wash Acad Sci J* 46:264-5 Ag '56

See also
 Echinococcus

TAPIOCA plant. See Cassava

TAR

- Lowry, Homer Hiram, and Anderson, Hazel C. Selected bibliography on low-temperature tar. (Information circ. 7882) U.S. Bur. of mines '59 52p

See also
 Coal tar

TARDIEU, André Pierre Gabriel Amédée, 1876-1945

- André Tardieu, par Louis Aubert let al] intro. par Gabriel Pauaux; hommages de B. Baruch. Lord Vansittart, P. van Zeeland. *Plon* '57 p207-13

TARIFF

- Contracting parties to the general agreement on tariffs and trade. GATT bibliography, 1947-1953; the text of the GATT, sel. GATT pubs, a chronological list of references to the GATT. GATT secretariat '54 40p

- Martinstetter, Hermann. Internationale bibliographie des zollwesens. Industrie-verlag C. Gehlsen '54 189p
 —Nachtrag 1. Industrie-verlag C. Gehlsen '57 29p

See also
 Customs unions

- Free ports and zones
 Free trade and protection

Austria

- Krulis-Randa, Jan. Das deutsch-österreichische zollunionsprojekt von 1931; die bemühungen um eine wirtschaftliche annäherung zwischen Deutschland und Oesterreich. Europa verlag '55 p 197-209

Canada

- Elliott, George Alexander. Tariff procedures and trade barriers; a study of indirect protection in Canada and the United States. Univ. of Toronto press '55 p273-7

Germany

- Krulis-Randa, Jan. Das deutsch-österreichische zollunionsprojekt von 1931; die bemühungen um eine wirtschaftliche annäherung zwischen Deutschland und Oesterreich. Europa verlag '55 p 197-209

United States

- Elliott, George Alexander. Tariff procedures and trade barriers; a study of indirect protection in Canada and the United States. Univ. of Toronto press '55 p273-7

- Mid-west debate bureau. Debate handbook. Free trade; resolved: that the United States should adopt a policy of free trade. The bureau '53 p 103-78

- United States. Superintendent of documents. Tariff and taxation. (Price list 37, 40th ed) U.S. Gov. ptg. office '59 16p

TARKINGTON, Booth, 1869-1946

- Woodress, James Leslie. Booth Tarkington, gentleman from Indiana. Lippincott '55 p319-42 annot

TARRAGONA, Spain

- Publicaciones sobre Tarragona. See numbers of Boletín arqueológico

TARSKI, Alfred

- Stegmüller, Wolfgang. Das wahrheitsproblem und die idee der semantik; eine einföhrung in die theorien von A. Tarski und R. Carnap. Springer '57 p321-5

TARTARIC acid

- Stafford, H. A. Tartaric acid dehydrogenase activity in higher plants. *Plant Physiol* 32: 344-5 Jl '57

TASSO, Torquato, 1544-1595

- Paris. Bibliothèque nationale. Département des imprimés. Catalogue des ouvrages de Torquato Tasso conservés au Département. Impr. nationale '55 191p

- Tasso, Torquato. Poesie; a cura di Francesco Flora. (La letteratura italiana; storia e testi, v21) Ricciardi '52 p xlv-xlvi

TASTE

- Das, S. R. Inheritance of the P.T.C. taste character in man: an analysis of 126 Rārhi Brāhmin families of West Bengal. *Ann Hum Genet* 22:212 My '58

- Hoyme, L. E. Genetics, physiology and phenylthiocarbamide. *J Heredity* 46:174-5 Jl '55

- Krum, J. K. Truest evaluations in sensory panel testing. *Food Eng* 27:83 Jl '55

- Pangborn, R. Influence of hunger on sweetness preference and taste thresholds. *Am J Clin Nutrition* 7:286-7 My '59

See also
 Flavor

TASTE (esthetics) See Esthetics

TASTE buds

- Wright, M. R. Persistence of taste organs in tongue transplants of triturus v. viridescens. *J Exp Zool* 129:366-8 Jl '55

TATARSTAN

- Rahim, A. Bibliography of Tartar studies. *East Turkic R* 1:101-12 Ap '53; 96-112 Ap '59 (to be cont)

TATE, Allen, 1899-

- Arnold, Willard Burdett. Social ideas of Allen Tate. *Humphries* '55 p60-4

TATTOOING

- Burchett, George. Memoirs of a tattooist; from the notes, diaries and letters of the late king of tattooists; comp. and ed. by Peter Leighton. *Crown* '58 p221-2

TAVERNS. See Hotels, taverns, etc.

TAX accounting

- Frachebourg, Fernand. Le bilan fiscal; traité théorique et pratique. Editions Radar '53 p349-56

TAX evasion and avoidance

- Gutkin, Sydney A. and Beck, David. Tax avoidance vs. tax evasion. (Tax practioners' lib) Ronald '58 p 197-8

TAXATION

- Tax institute, inc. Princeton, New Jersey. Bookshelf. The institute. See numbers

See also
 Assessment

- Corporations—Taxation
 Income tax

Land—Taxation

Sales tax

Tariff

Tax evasion and avoidance

Accounting

See Tax accounting

History

- Pfeil, Gerd Horst. Steuerreform als internationales problem. (Finanzwissenschaftliche forschungsarbeiten, new ser, no9) Duncker & Humblot '55 p 173-85

California

- Dvorin, Eugene P. and Jamison, Judith Norvell. Tax exemption and local self government; a case study of Santa Monica, California. Bur. of gov. research, Univ. of Calif. '58 p46-7

China

- Hinton, Harold C. Grain tribute system of China, 1845-1911. (Harvard univ. Chinese economic and political studies, Special ser) Harvard univ. press '56 p 143-56 annot

France

- Matthews, George Tennyson. Royal general farms in eighteenth-century France. Columbia univ. press '58 p293-302

Germany

- Bühler, Ottmar. Steuerrecht; grundriss. 2d rev ed Gabler '53 2v v.1, p453-6

- Felix, Günther, and Heinemann, Ernst Peter. Aktuelle bibliographie zum deutschen steuerrecht, 1930-1945. Klostermann '57 363p

Netherlands

- Dronckers, Emma. Bibliografie van het Nederlandse belastingwezen. Veen '54-'55 2v

Switzerland

- Wirz, Hans Gerold. Die personal-wohlfahrts-einrichtungen der schweizerischen privatwirtschaft; ihre stellung im steuerrecht und ihre beaufsichtigung; ausg. B. Buchdruckerli Stäfa '55 p xxxv-xlviii

TAXATION—Continued

United States

- Holzman, Robert Stuart. Arm's length transactions. (Tax practitioners' lib) Ronald '58 p 145-6
- Holzman, Robert Stuart. Sound business purpose. (Tax practitioners' lib) Ronald '58 p 181-3
- Los Angeles county law library, Los Angeles. Books and pamphlets on taxation. The library '59 8p
- National association of tax administrators. Research section. Revenue estimating; a study of procedures and techniques for estimating tax revenues. Federation of tax administrators '56 p99-104
- Taubman, Joseph. Joint venture and tax classification. Federal legal pubs. '57 p410-36
- Taylor, C. C. and Aull, G. H. Assessment of farm real estate for tax purposes in South Carolina. (Bul. 416) South Carolina agricultural experiment station, Clemson agricultural college '54 p30-1
- United States. Congress. House. Committee on ways and means. Coordination of federal, state, and local taxes. (U.S. 82d Congress, 2d sess, 1952. House. Rep. no2519) U.S. Gov. ptg. office '53 p 113-16
- United States. Superintendent of documents. Tariff and taxation. (Price list 37, 40th ed) U.S. Gov. ptg. office '59 16p
- See also
Taxation, State
- TAXATION, State**
- McCarthy, John F. Survey of state taxes. (1955 legislative problems, no3) Bur. of public adm. Univ. of Calif. '55 p45-6
- TAXONOMY.** See Botany—Classification; Zoology—Classification
- TAYLOR, Henry Charles.** 1873-
Taylor, A. D. Bibliographic guide to the writings of Henry C. Taylor, agricultural economist, covering the years 1893-1957. Ag Hist 32 sup:1-28 J1 '58 annot
- TAYLOR, Jeremy,** bp of Down and Connor, 1613-1667
- Stranks, Charles James. Life and writings of Jeremy Taylor. S.P.C.K. '52 p310-15
- TEA**
- Chenery, E. M. Preliminary study of aluminum and the tea bush. Plant & Soil 6: 196-7 Mr '55

Physiological effect

- Klaunberg, Henry J. ed. Tea; a symposium on the pharmacology and the physiologic effects of tea. Biological sciences foundation '55 incl bibliog
- TEA trade**
- Bose, Sanat Kumar. Capital and labour in the Indian tea industry. (Trade union pub. ser, no8) All-India trade union congress '54 p 155-6
- TEACHERS**
- Association for supervision and curriculum development. Helping the new teacher; ed. by Margaret Walters Hass. The association '56 p28-9
- Bruce, William French, and Holden, Arthur John. Teacher's personal development; an intro. to self-awareness and interpersonal relations. Holt '57 incl bibliog
- Chamberlain, Leo Martin, and Kindred, Leslie Withrow. Teacher and school organization. 3d ed (Prentice-Hall education ser) Prentice-Hall '58 incl bibliog annot
- Eastmond, Jefferson N. Teacher and school administration. Houghton '59 incl bibliog
- Eye, Glen Gordon, and Lane, Willard R. New teacher comes to school. (Exploration ser. in education) Harper '56 p365-9
- LeFevre, Perry D. Christian teacher. Abingdon '58 p 173-6
- McCullough, Lloyd G. Study of teacher supply and demand in Wyoming, 1953-1955; ed. by Edna L. Furness. Curriculum & research center, College of education, Univ. of Wyo. '56 p 153-6
- National education association of the United States. National commission on teacher education and professional standards. Personnel policies for schools of the future; rep. of the Washington conference. Washington, D.C. June 25-29, 1957. The association '57 p 163-6

Teacher personnel; reviews the literature for the three-year period since June 1952]-1955] R Educ Res 25:189-269; 28:181-271 Je '55, Je '58

See also

College professors and instructors
Educators
Negroes as teachers
Visiting teachers

Health and hygiene

American association for health, physical education, and recreation. Fit to teach; yearbk. on teacher health. The association '57 incl bibliog

Rating

- American federation of teachers. Research department. Merit rating: dangerous mis-
rage or master plan. The department '58 p58-61 annot
- Bryan, Roy Coulter. Student reactions and merit salary schedules. (Faculty contributions, ser4, no2) School of graduate studies, Western Mich. univ. '58 p64-7
- Castetter, D. Dee, and others. Teacher effectiveness: an annot. bibliography. (Bul. v 1, no 1) Inst. of educational research, School of education, Ind. univ. '54 105p
- Cogan, M. L. Behavior of teachers and the productive behavior of their pupils. J Exp Educ 27:104-5 D '58
- Cogan, M. L. Theory and design of a study of teacher-pupil interaction. Harvard Educ R 26:340-2 Fall '56
- Florida. University. College of education. Education library. Merit rating: a basis for salary increases? articles in periodicals. (Bibliog. no24T) The library '57 4p
- Same, 2d ed (Bibliog. no29) The library '58 7p
- Jones, M. L. Analysis of certain aspects of teaching ability. J Exp Educ 25:178-80 D '56
- Mary Amatora, Sister. Highs and lows in the teacher personality. J Educ Res 48:697-8 My '55
- Massey, H. W. and Vineyard, E. E. Relationship between scholarship and first-year teaching success. J Teach Educ 9:300-1 S '58
- Mitzel, Harold E. and Gross, Cecily F. Critical review of the development of pupil growth criteria in studies of teacher effectiveness. (Research ser, 31) Office of research & evaluation, Div. of teacher education, Board of higher education of the city of New York '56 p27-8
- Mitzel, H. E. and Gross, C. F. Development of pupil-growth criteria in studies of teacher effectiveness. Educ Res Bul 37:186-7 O '58
- New York state teachers association. Teacher merit and teacher salary; rep. of Special com. on merit payments authorized by 1956 House of delegates. The association '57 incl bibliog
- Ohlsen, M. M. and Schulz, R. E. Projective test response patterns for best and poorest student teachers. Educ & Psychol Meas 15: 26-7 Spring '55
- Shea, Joseph Augustine. Predictive value of various combinations of standardized tests and subtests for prognosis of teaching efficiency. (Catholic university of Am. Educational research monographs, v 19, no5) Catholic univ. of Am. press '55 p43-4
- Stein, H. L. and Hardy, J. Validation study of the Minnesota teacher attitude inventory in Manitoba. J Educ Res 50:336-8 Ja '57
- Tompkins, E. and Roe, V. Case for and against merit rating; digest of significant references 1951-56. Nat Assn Sec Sch Prin Bul 40:7-21 O '56
- Torrence, A. P. Study of the relationship of certain competencies to success in teaching vocational agriculture. J Exp Educ 24:30-1 S '56
- Vander Werf, Lester Seth. How to evaluate teachers and teaching. (Education pamphlets) Rinehart '58 p55-8
- Workshop on merit rating in teachers salary schedules, Syracuse university, 1958. Merit rating for teachers? rep. on Workshop [presented at] School of education, July 7-11, 1958; ed. by Virgil M. Rogers. Syracuse univ. press '59 p75-9

TEACHERS—Continued

Salaries

- Garber, Joseph H. Our educational dilemma; peace education and teacher salaries; research papers on educational problems facing Am. and the world; forewords by Bishop Roy S. Koch and Dr. F. James Schrag; introd. by Dr. Albertina A. Weinlander. Exposition '59 p83-6
- New York state teachers association. Teacher merit and teacher salary; rep. of Special com. on merit payments authorized by 1956 House of delegates. The association '57 incl bibliog
- Workshop on merit rating in teachers salary schedules. Syracuse university, 1958. Merit rating for teachers? rep. on Workshop [presented at] School of education, July 7-11, 1958; ed. by Virgil M. Rogers. Syracuse univ. press '59 p75-9

Selection and appointment

- National institutional teacher placement association. Dynamics of teacher placement; general ed: Robert C. Woellner. The association '55 p 163-72
- Stoelting, G. J. Selection of candidates for teacher education at the University of Wisconsin. J Exp Educ 24:131-2 D '55

Supply and demand

- Florida. University. College of education. Education library. Predictions and provisions for increased enrollments in schools and colleges. (Bibliog. no 15) The library '56 7p
- Fund for the advancement of education. Teachers for tomorrow. (Bul. no2) The fund '55 p71
- Hurd, Blair E. Securing and keeping good teachers in California public schools; a rep. of the 1957 ser. of Calif. teacher recruitment conferences. (Bul. v27, no2) Calif. state dept. of education '58 p40-1
- Investigations in teacher supply and demand reported in 1954[-1956] Educ Res Bul 34: 91-4+; 35:129-32+; 36:150-5 Ap '55, My '56, Ap '57
- Ness, Frederic William. Role of the college in the recruitment of teachers; a rep. prepared by [the authl for the Comm. on teacher education. Assn. of Am. colleges '58 p79-83
- Scates, D. E. Prior meaning of increases in teaching staffs. J Teach Educ 7:88 Mr '56

Training

- Adams, Harold P. and Dickey, Frank Graves. Basic principles of student teaching. Am. bk. co. '56 incl bibliog
- American association of colleges for teacher education. Teacher education and religion project, 1953-1958; final report. The association '58 p21-4
- Association for student teaching. Yearbook, 32d[-38th] 1953[-1959] The association '53- '59 7v 32d. p254-71; 33d. p232-46; 34th. p226-43; 35th. p 151-64; 36th. p207-20; 37th. p 117-27; 38th. p 130-43 annot
- Borrowman, Marie L. Liberal and technical in teacher education; a historical survey of Am. thought. (Studies in education) Teachers college '56 p237-41
- Boykin, L. L. Workshop as an in-service education medium. Educ Adm & Sup 43:442-6 N '57
- Burr, James Burgett, and others. Student teaching in the elementary school. 2d ed Appleton '58 incl bibliog annot
- Cottrell, Donald Peery, ed. Teacher education for a free people [by] Russell M. Cooper [and others] Am. assn. of colleges for teacher education '56 p40-6
- Curtis, Dwight Kenneth, and others, eds. Achieving quality in off-campus professional laboratory experiences. Assn. for student teaching '57 incl bibliog
- DeVault, Marion Vere, and Hanna, Geneva, eds. Studies in professional laboratory experiences in teacher education (selected research 1940 to 1957) (Research bul. no 1; Research abstract ser) Assn. for student teaching '57 75p annot
- Doctoral studies on the education of teachers and administrators 1951-2[-1957-58] J Teach Educ 4:143-50; 5:160-9; 6:149-56; 7:177-86; 8:318-27; 9:317-26; 10:366-75 Je '53, Je '54, Je '55, Je '56, S '57, S '58, S '59
- Florida. University. College of education. Education library. Beginning teacher. (Bibliog. no 38) The library '59 4p

- Greene, Gwynn A. Problem situations in student teaching. Teachers college '59 incl bibliog
- Hill, George Edward, and others. Improving teacher education through inter-college cooperation. Brown '56 incl bibliog
- Johns, E. B. Field experiences in health education for prospective teachers. J Sch Health 25:130-1 My '55
- Knapp, Clyde, and Jewett, Ann E. Physical education: Student and beginning teaching. (McGraw-Hill ser. in health education, physical education, and recreation) McGraw '57 incl bibliog
- Lahey, Helen C. Austrian teachers and their education since 1945. (Bul. 1957, no2) U.S. Office of education '56 p77-82
- Levy, R. In-service training in the secondary schools. Progres Ed 32:57 Mr '55
- McCarthy, Phyllis, and Brimm, Paul. Admission policies and practices in teacher education institutions; a review, analysis and interpretation of sel. research, 1943-1957. (Research bul. no2) Assn. for student teaching '58 p 19-22
- McGuire, Vincent, and others. Your student teaching in the secondary school. Allyn '59 incl bibliog
- Miller, Isabel, and others. Guidebook for elementary student teachers. Appleton '58 incl bibliog annot
- Mossenson, David. History of teacher training in western Australia. (Research ser. no83) Australian council for educational research '55 p 107-11 annot
- National education association of the United States. National commission on teacher education and professional standards. Professional standards movement in teaching: progress and projection; rep. of the Parkland conference held at Pacific Lutheran college, Parkland, Wash. June 26-30, 1956. The association '56 p 163-75
- Radcliffe, Shirley Anne. Teacher education, fifth-year programs; a selected bibliography. (Bul. 1959, no9) U.S. Office of education '59 20p
- Schmidt, L. G. Two-year evaluation of the internship in guidance program at Indiana university. Ind Univ Sch Ed Bul 32:62-6 Mr '56
- Schorling, Raleigh. Elementary-school student teaching; 2d ed. by G. Max Wingo. (McGraw-Hill ser. in education) McGraw '55 incl bibliog annot
- Schorling, Raleigh, and Batchelder, Howard Timothy. Student teaching in secondary schools. 3d ed (McGraw-Hill ser. in education) McGraw '56 incl bibliog
- Selected references on teacher education. El Sch J 56:177-81; 57:226-30; 58:234-7; 59:234-9 D '55, Ja '57, Ja '58, Ja '59 annot
- Spears, Harold. Curriculum planning through in-service programs. Prentice-Hall '57 p335-41
- Taylor, B. L. Recent surveys of in-service teacher education. J Teacher Educ 9:205-7 Je '58
- United Nations educational, scientific and cultural organization. Training of rural school teachers. (Problems in education, 7) The organization '53 incl bibliog
- United States. Office of education. Austrian teachers and their education since 1945. (Bul. 1957, no2) U.S. Gov. ptg. office '56 p77-82
- TEACHERS workshops
- Boykin, L. L. Workshop as an in-service education medium. Educ Adm & Sup 43:442-6 N '57
- Curtis, Dwight Kenneth, and others, eds. Achieving quality in off-campus professional laboratory experiences. Assn. for student teaching '57 incl bibliog
- O'Rourke, Mary A. and Burton, William H. Workshops for teachers; a handbk. for all participants. (Current problems in education) Appleton '57 p 14-16, 63-4
- See also
- Educational workshops
- TEACHING
- Alexander, William Marvin, and Halverson, Paul M. Effective teaching in secondary schools. (Rinehart bks. in secondary education) Rinehart '56 incl bibliog annot
- Buxton, Claude E. College teaching; a psychologist's view. Harcourt '56 p381-97
- Douglass, Earl Roy, and Mills, Hubert Howard. Teaching in high school. 2d ed (Douglass ser. in education) Ronald '57 incl bibliog

TEACHING—Continued

- Eells, Walter Crosby. College teachers and college teaching; an annot. bibliog. on college and univ. faculty members and instructional methods. Southern regional education board '57 282p
- Goode, Delmer Morrison. These books were stimulating; one hundred bks. on college and univ. teaching. Graduate school, Ore. state college '53 17p annot
- Hanna, Lavone Agnes, and others. Unit teaching in the elementary school. Rinehart '55 incl bibliog annot
- Hansen, Kenneth Harvey. High school teaching. (Prentice-Hall education ser) Prentice-Hall '57 incl bibliog annot
- Johnson, Earl A. and Michael, R. Eldon. Principles of teaching. Allyn '58 incl bibliog
- Klausmeier, Herbert John. Teaching in the secondary school; a revision of Principles and practices of secondary school teaching. (Exploration ser. in education) Harper '58 incl bibliog
- Klausmeier, Herbert John, and others. Teaching in the elementary school. (Exploration ser. in education) Harper '56 incl bibliog
- McKim, Margaret Grace, and others. Learning to teach in the elementary school. Macmillan '59 incl bibliog
- Mehl, Maria A. and others. Teaching in elementary school. (Douglass ser. in education) Ronald '58 incl bibliog annot
- National education association of the United States. Department of rural education. Teaching in the small community; ed. by Robert S. Fox. (Yearbk. 1956) The association '56 p 173-82 annot
- Reading improvement. News Notes Calif Lib 52:390-3 Ap '57 annot
- Van Dalen, Deobold E. and Brittell, Robert W. Looking ahead to teaching; an introd. to the profession. Allyn '59 p383-76
- Warsaw. Instytut pedagogiki. Polska bibliografia pedagogiczna, 1944-1951; v 1. Nauczanie przedmiotów ogólnokształcących; cz. 1. Nauzanie przedmiotów humanistycznych; opracował Feliks Korniszewski [et al] Zakład im. Ossolińskich '55 321p
- Watkins, Ralph Knapp. Techniques of secondary school teaching. (Douglass ser. in education) Ronald '58 incl bibliog annot
- Wiggins, Samuel Paul. Successful high school teaching. Houghton '58 incl bibliog annot
- Zeran, Franklin Roylton, ed. High school teacher and his job; a symposium. Chartwell '53 incl bibliog
- See also*
Audio-visual education
Class size
Educational psychology
School supervision and supervisors
Teachers
- Aids and devices**
- Association for supervision and curriculum development. List of outstanding curriculum materials, 1951-1954; prepared by Marcella Lawler [and others] The association '55 35p
- Council of chief state school officers. Standards for materials and equipment for the improvement of instruction in science, mathematics, and modern foreign languages. The council '58 p 10-15, 19-23 annot
- Field enterprises educational corporation. Sources of free and inexpensive educational materials. The corporation '58 192p
- General motors corporation. Educational relations section. Aids to educators; a catalog of GM educational materials and equipment available to teachers for instructional purposes. The section '56 104p
- George Peabody college for teachers. Division of surveys and field services. Free and inexpensive learning materials. 8th ed The college '57 264p annot
- Same. 9th ed The college '59 256p annot
- Illinois association of teachers of English. Committee on teaching aids. Teaching aids in the English language arts; an annot. and critical list. Nat. council of teachers of English '57? p69-95 annot
- Joint council on economic education. Annotated bibliography of materials in economic education, 1957[1-1959-60] The council '57-'59 3v
- Kidd, Kenneth P. Instructional materials for mathematics classes; with the assistance of Billy H. Maddox. Materials diffusion project. College of education, Univ. of Fla. '58 p24-30 annot
- LeFevre, John R. and Boydston, Donald N. Annotated guide to free and inexpensive health instruction materials. Southern Ill. univ. press '59 71p annot
- Michigan. Department of conservation. Office of information and education. Conservation teaching aids; a bibliog. of free and inexpensive buls, bks. and visual materials; prepared by R. D. Burroughs. The office '57 31p annot
- National committee for education in family finance. Annotated listing of free and inexpensive teaching aids on education in family finance; booklets, motion pictures, filmstrips prepared in the Summer graduate workshops on education in family finance at the Univs. of Penn, Syracuse and Wis, 1954-1955. rev ed (Bul. no 13) The committee '56 40p
- Oliya, Peter F. Instructional aids and sources for foreign languages. Materials diffusion project. College of education, Univ. of Fla. '59 incl bibliog
- Otto, H. J. and others. Instructional materials. R Educ Res 26:111-97 Ap '56 incl bibliog
- Porter, D. Critical review of a portion of the literature on teaching devices. Harvard Educ R 27:126-47 Spring '57
- Salisbury, Gordon, and Sheridan, Robert. Catalog of free teaching aids. The authors '5-? 142p
- Same. 2d rev ed The authors '59? 180p
- Santiago, Florence M. Inexpensive or free materials useful for teaching speech; a source list for secondary schools. Braun-Brumfield '59 142p annot
- Bibliography**
- Oregon. University. School of education. Bibliography of bibliographies of instructional aids to learning; 5th ed. by Robert D. Marshall. (Curriculum bul. no57) The school '55 42p annot
- Methods**
- Stovall, T. F. Lecture vs. discussion. Phi Delta Kappan 39:258 Mr '58
- See also*
Problem method
Unit plan
- TEACHING, Freedom of.** *See* Academic freedom
- TEACHING as a profession**
- Angel, Juvenal Londoño. Careers for teachers. (Monograph no43) World trade '57 p24-5
- Burton, William Henry. Teaching. new rev ed (Vocational and professional monographs, no 12) Bellman '57 p32-9
- Kearney, Nolan Charles. Teacher's professional guide. (Prentice-Hall education ser) Prentice-Hall '58 incl bibliog
- Lieberman, Myron. Education as a profession. Prentice-Hall '56 p510-24
- Yauch, Wilbur Alden, and others. Beginning teacher. Holt '55 incl bibliog
- TEACHINGS of Jesus.** *See* Jesus Christ—Teachings
- TEAK**
- Food and agriculture organization of the United nations. Country reports on teak. The organization '56 p91-2, 96-105
- TEBESSA, Algeria**
- Sérée de Roch, Etienne Jean Joseph. Tebessa, antique Theveste. The author '52 p71-5
- TECHNICAL assistance**
- Faris, Donald K. To plow with hope. Harper '53 p211-15
- Viet, Jan. Assistance to under-developed countries. L'assistance aux pays sous-développés; an annot. bibliography. (Reps. and papers in the social sciences, no8) UNESCO '57 83p
- TECHNICAL assistance in Africa**
- Collison, William Norwood, and Rosner, Milton S. Report on technical assistance in Africa, south of the Sahara and north of the Union. Technical assistance information clearing house '58? incl bibliog
- TECHNICAL drawing.** *See* Mechanical drawing
- TECHNICAL education**
- American society for engineering education. Technical institute division. Committee on technical institute studies. Literature significant to education of the technical institute type; an annot. bibliography. The division '53 58p
- Benge, R. C. Technical and vocational education in the United Kingdom; a bibliog. survey. (Educational studies and docs, no27) UNESCO '58 51p

TECHNICAL education—Continued

- Board, Beryl. Effect of technological progress on education; a classified bibliography from British sources, 1945-1957. Hazleton memorial lib, Inst. of production engineers '59 141p annot
- Cotgrove, Stephen F. Technical education and social change. (Studies in society) Essential bks. '58 p211-16
- Emerson, Lynn Arthur. Vocational-technical education for American industry; occupations, sel. references, educational programs. (U.S. Office of education. Circ. no530) U.S. Gov. ptg. office '58 p 13-23 annot
- European coal and steel community. High authority. La formation professionnelle dans l'industrie sidérurgique des pays de la Communauté. The authority '54 p257-64
- General motors corporation. Educational relations section. Aids to educators; a catalog of GM educational materials and equipment available to teachers for instructional purposes. The section '56 104p
- Inter-American seminar on vocational education, University of Maryland, 1952. Educación vocacional (técnica) en América; informe final del Seminario interamericano de educación vocacional (técnica). (Seminarios interamericanos de educación, no9) Div. of education, Pan American union '54 p318-91
- Movshovich, M. I. Technical and vocational education in the U.S.S.R.; a bibliographical survey. (Educational studies and docs, no 30) UNESCO '59 53p
- Silvius, George Harold, and Curry, Estell H. Teaching multiple activities in industrial education. McKnight '56 incl bibliog
- United Nations educational, scientific and cultural organization. International bibliography of technical and vocational education. (Educational studies and docs, no31) UNESCO '59 72p annot
- Venables, Percy Frederick Ronald. Technical education: its aims, organisation, and future development; with 5 chapters by specialist authors. Bell '55 incl bibliog
- Vocational and technical education; reviews the literature for the six-year period since Oct. 1950. R Educ Res 26:345-411 O '56
- Zemánek, F. and Vachek, J. O polytechnickém vyučování. Státní pedagogické nakl. '55 p81-8
- See also*
- Agricultural education
- Industrial education
- Mechanics' institutes—History
- Textile education
- TECHNICAL libraries**
- John Crerar library, Chicago. Research information service. Basic reference list for establishing an industrial library; literature recommendations. Office of industrial resources, Int. cooperation adm. '57 114p
- TECHNICAL literature**
- Workshop on the production and use of technical reports. Catholic university of America. 1953. Production and use of technical reports; the proceedings of the Workshop on the production and use of technical reports, conducted at the University from April 13 to April 18, 1953; ed. by Bernard M. Fry and James J. Kortendick. Catholic univ. press '55 incl bibliog
- TECHNICAL processes in libraries.** *See* Libraries—Technical processes
- TECHNICAL writing**
- Shank, Russell. Bibliography of technical writing, 1945-1957. 2d ed Soc. of technical writers & eds. '58 67p
- Sypherd, Wilbur Owen, and others. Manual of technical writing. Scott, Foresman '57 p545-53
- United Nations educational, scientific and cultural organization. Scientific and technical translating and other aspects of the language problem. (Documentation and terminology of science) UNESCO '57 p258-74
- Waldo, Willis H. Better report writing. Reinhold '57 incl bibliog
- TECHNOLOGY**
- Allen, Francis Robbins, and others. Technology and social change. (Appleton-Century-Crofts sociology ser) Appleton '57 incl bibliog annot
- Applied science & technology index (formerly Industrial arts index) Wilson. See numbers
- Artelt, Walter. Index zur geschichte der medizin, naturwissenschaft und technik; unter mitwirkung von Johannes Steudel [et al] Urban & Schwarzenberg '53 398p
- Aslib. British scientific and technical books; a sel. list of recommended bks. pub. in Great Britain and the Commonwealth in the years 1935 to 1952; with a foreword by F. C. Francis. Hafner '56 364p
- Aslib. Select list of standard British scientific and technical books; ed. by L. J. Anthony. 5th ed rev & enl The association '57 88p
- Aslib book list; monthly recommendations of recently pub. scientific and technical books. Assn. of special libs. & information bureaux. See numbers
- Bahia, Universidade. Escola politécnica. Biblioteca. Índice tecnológico. The library. See numbers
- Battelle memorial institute, Columbus, Ohio. Battelle technical review. The institute. See numbers
- Bibliography of scientific publications of South & South East Asia. UNESCO science cooperation offices for South & South East Asia. See numbers
- Book of popular science. Grolier soc. '57 10v v 10, p4085-4110
- Brown, Harrison Scott, and others. Next hundred years; man's natural and technological resources; a discussion prepared for leaders of Am. industry. Viking '57 p 177-84
- Bullejos, José. Índice bibliográfico de obras y estudios especiales. Dept. de investigaciones industriales. Banco de México '55? 52p
- Canadian business and technical index. Reference sec, Toronto public libs. See numbers
- Case institute of technology. Research at Case, 1957[-1958] research projects, thesis abstracts, faculty publications; a pub. of references to research projects in progress at Case inst. during the past year; to theses completed by graduate students; and to scientific and scholarly works pub. by the faculty and staff. The institute '58?-59 2v
- Case institute of technology. Thesis abstracts and faculty publications, July 1955. The institute '55 52p
- Delft. Technische hogeschool. Bibliografie der dissertaties ter verkrijging van de titel van doctor in de technische wetenschap en lijst der promoties honoris causa, 1905-1955. Staatsdrukkerijen uitgeverijbedrijf '55 167p
- Ellul, Jacques. La technique; ou, L'enjeu du siècle. (Coll. Sciences politiques) Colin '54 p393-9
- Fessler, A. L. Scientific, medical and technical paperbacks. Lib J 84:1191-5 Ap 15 '59
- Georgia. Institute of technology, Atlanta. Library. Staff association. Theses and dissertations accepted in partial fulfillment of the requirements for graduate degrees by the Institute, 1925-1957. (Ga. State engineering experiment station. Bul. 22) The association '58 70p
- Supplement, no 1, 1958. The association '58? 1v
- Great Britain. Ministry of supply. Index to translations. Technical information & lib. services, Ministry of supply '56 1v
- Hawkins, Reginald Robert, ed. Scientific, medical, and technical books published in the United States of America; a sel. list of titles in print, with annots; 2d ed. Bks.pub. to Dec. 1956. Com. on bibliog. of Am. scientific & technical bks, Nat. research council '58 1491p
- Index of technical articles; a monthly index of articles pub. in British technical periodicals. Iota services. See numbers thru August 1958
- Índice bibliográfico. See numbers of Revista de ciencia aplicada
- Industrial arts index; subject index to a sel. list of engineering, trade and business periodicals. Wilson. See numbers thru 1957
- International technical titles; a monthly compilation of tables of contents of journals in pure and applied aeronautics, physics, chemistry, engineering, mathematics and electronics. Technical lib. associates. See numbers
- Klemm, Friedrich. History of western technology; tr. by Dorothea Waley Singer. Scribner '59 p383-92
- Malcèis, Louise Noëlle. Les sources du travail bibliographique; v3, Bibliographies spécialisées (sciences exactes et techniques) avec la collaboration de G. Garnier [et al] Droz; Lib. Minard '58 575p annot

TECHNOLOGY—Continued

- Massachusetts institute of technology. Publications of the institute and theses for advanced degrees for the year ending July 1, 1958. The institute '58 109p
- Mayerhöfer, Herman. Úvod do bibliografie technické literatury. (Publikace vědecké literatury) Státní pedagogické nakladatelství v Praze '56 2v
- National research centre of Egypt. Scientific and technical documentation centre. Abstracts of scientific and technical papers published in Egypt and papers received from Afghanistan, Cyprus, Iran, Iraq, Lebanon, Pakistan, Sudan and Syria. The council. See numbers
- National research council, Canada. List of technical translations. The council '53? 29p
- Das neue wissenschaftliche buch; neuerwerbungen der wissenschaftlichen bibliotheken der DDR. Reihe A: Naturwissenschaften-technik. Harrassowitz. See numbers
- New York (city). Public library. New technical books; a sel. list on industrial arts and engineering added to the N.Y. public library. The library. See numbers
- Państwowe wydawnictwa techniczne. Co czytać; katalog książek dla robotników z dziedziny przemysłu metalowego, elektrotechnicznego, chemicznego i BHP. The agency '55 94p
- Polska akademia nauk. Quarterly review of scientific publications; serC: Pure and technical sciences. Ossolineum. See numbers
- Ramqvist, Ingrid. Teknisk litteratur ett urval för bibliotekens inköp och läneförmedling. (Bibliotekstjänsts bokurval 4) Bibliotekstjänst Lund '56 32p
- Reichardt, Günther. Sowjetische literatur zur naturwissenschaft und technik; bibliographischer wegweiser. (Deutsche forschungsgemeinschaft. Veröffentlichungen) Steiner '57 181p
- Same. 2d rev & enl ed (Deutsche forschungsgemeinschaft. Veröffentlichungen) Steiner '59 306p
- Rochester institute of technology. Educational research office. Annotated bibliography of articles by institute faculty members and about the institute program. 2d ed The office '50 30p
- Saur, Karl Otto, and Gringmuth, Grete. Handbuch der technischen dokumentation und bibliographie. Verlag Dokumentation der technik '56 1v
- Same. 2d enl ed Verlag Dokumentation der technik '57 2v
- Science abstracts of China. Technical sciences. Inst. of scientific information, Acad. sinica. See numbers
- Soviet science and technology. Consultants bur, New York. See numbers
- Special libraries association. Translation committee. S.L.A. list of translations, October 1, 1953. The association '54 72p
- Supplement, September 1, 1954; prepared by the John Crerar library, Chicago, Illinois. The association '54? 62p
- Special libraries association. Translation monthly. John Crerar lib. See numbers thru 1958
- Studieselskapet for norsk industri. Artikkel indeks. The society. See numbers
- Technica; een int. technische bibliog. Deze bibliog. bevat de technische uitgaven verschenen van 1954 tot 1956, alsmede de belangrijke standaardwerken en handboeken uit de voorgaande jaren; afkortingen en inhoudstabel. Technica; an int. technical bibliog. This bibliog. will contain the technical pubs. pub. from 1954 to 1956, as well as the important standard works and handbks. of the former years; abbreviations and contents. Standaard-boekhandel '56 303p
- Technical book review index. Special lib. assn. See numbers
- Technical books of 1956-1957[-1958-1959] Lib J 82:1157-64; 83:1335-40; 84:1395-1401 My 1 '57. My 1 '58. My 1 '59 annot
- Technical translations. Office of technical services, U.S. Dept. of commerce. See numbers
- Technik [hrsg: Benno Beer et al] (Kleine enzyklopädie) Verlag Enzyklopädie '57 p357-76
- United Nations educational scientific, and cultural organization. Science cooperation office for South Asia. Bibliography of scientific publications of South Asia (India, Burma, Ceylon) The office. See numbers thru 1954

- United States. Department of the army. Army library. Military and strategic implications of technological progress; a sel. list of titles. (Special bibliog. no 17) The library '58 23p
- United States. Library of Congress. Science division. Scientific translation center. Bibliography of translations from Russian scientific and technical literature. The library. See numbers
- Warsaw. Centralny instytut dokumentacji naukowo-technicznej. Bibliografia retrospektywna polskiego piśmiennictwa technicznego za lata 1945-1949; pod. red. Heleny Handelsman. Państwowe wydawn. techniczne '54 307p

See also

- Building
Chemistry, Technical
Engineering
Industrial arts
Inventions
Metal work
Mineral industries
Photography
Printing

Bibliography

- Bibliography digest. See numbers of Sci-tech news
- Ghani, A. R. Indo-Pakistani bibliographies on scientific subjects; 016:5/6 (54) Pakistan J Sci 7:101-12 Mr '55
- Schutze, Gertrude. Bibliography of guides to the scientific-technical-medical literature. (Contributions to S-T-M lib. literature, no 1) The compiler '58 64p
- Taylor, R. S. Bibliographische quellen für technische und wissenschaftliche literatur in den Vereinigten Staaten und Kanada. Nachr Dok 8:187-91 D '57 annot

Dictionaries

- Linda Hall library, Kansas City, Missouri. Scientific and technical dictionaries & encyclopedias. (Bibliog. bul. no 13) The library '56 61p
- Melbourne. University. Library. Select list of scientific and technical dictionaries and glossaries in foreign languages available in the University. The library '54 48p
- United States. Department of the army. Army library. Glossaries; a prelim. survey of sel. titles of technical and scientific, domestic and foreign terms and definitions employed by the Dept. of defense. (Special bibliog. no5) The library '56 27p
- United States. Library of Congress. General reference and bibliography division. Foreign language—English dictionaries; v 1, Special subject dictionaries with emphasis on science and technology. The library '55 246p
- Wüster, Eugen. Bibliography of monolingual scientific and technical glossaries. Bibliographie de vocabulaires scientifiques et techniques monolingues. (Doc. and terminology of science) UNESCO '55-'59 2v

History

- Forbes, Robert James. Man the maker; a history of technology and engineering. (Life of science lib) Abelard-Schuman '58 p346-8
- Forbes, Robert James. Studies in ancient technology. Brill '55 2v incl bibliog
- Oklahoma. University. Library. Check list of the E. De Golyer collection in the history of science and technology as of August 1, 1954; comp. by Arthur McNally and Duane H. D. Roller. 3d ed Univ. of Okla. press '54 127p
- Prague. Universita Karlova. Knihovna. Učme se z minulosti techniky; Jiří Rys. (Čtème a studujeme, 1957, no6) The library '57 31p
- Strassman, Wolfgang Paul. Risk and technological innovation: American manufacturing methods during the nineteenth century. Cornell univ. press '59 p227-42

Language

See Technical writing

Periodicals

- Belgium. Ministère des colonies. Service de l'agriculture. Bibliothèque. Liste des publications périodiques. The library '55 33p
- Björkbohm, Carl. List of Swedish technical periodicals. Swedish inst. '55 15p
- Same. Swedish inst. '57 15p

TECHNOLOGY—Periodicals—Continued

- Björkbohm, Carl. Samkatalog över ryska tidsskrifter och seriepublikationer inom ren och tillämpad naturvetenskap 1939-1954 i svenska bibliotek. Union list of serial publications of the Soviet Union in the field of pure and applied science 1939-1954 in Swedish libraries. Kungl. tekniska högskolans bibliotek '55 24p
- Copenhagen. Polyteknisk laereanstalt. Danmarks tekniske bibliotek. Løpende periodica i Danmarks tekniske bibliotek, ultimo 1952. The library '52 113p
- Directory of Japanese learned periodicals, 1957; pt3, Applied sciences and fine arts; comp. by Nat. Diet lib. Lib. bureau '57 np
- Dresden. Technische hochschule. Bibliothek. Verzeichnis der seit 1945 vorhandenen periodica: stand vom 15. mai 1953. The library '53 23p
- Federation of British industries. Selected British technical journals. The federation '57 15p
- Goethals, G. Répertoire des périodiques et grands traités de chimie et sciences connexes existant dans les bibliothèques de Belgique. Fédération des industries chimiques de Belgique '54 143p
- Great Britain. Patent office. Library. Periodical publications in the Library; list of current titles. H.M.S.O. '57 187p
- Same. 2d ed. H.M.S.O. '58 258p
- Hosen, M. Scientific and technical literature of the U.S.S.R. J Chem Educ 33:397-402 Ag '56 annot
- Israel. National commission of UNESCO. Subcommittee for documentation in the natural sciences. Union list of serials in Israel libraries: pure and applied sciences (excluding medicine) Weizmann science press of Israel '55 123p
- Library association. Reference and special libraries section. Northern group. Union list of scientific and technical periodicals in northern libraries. The group '55 39p
- Paris. Ecole nationale supérieure des mines. Catalogue de périodiques étrangers scientifiques, techniques, industriels reçus par les bibliothèques, instituts techniques et centres de documentation de Paris, dressés sous la direction de G. Dollfus par Mme J. Lesur et P.-M. Guelpa; suivi du Catalogue des congrès reçus par la bibliothèque de l'Ecole des mines rédigé par P.-M. Guelpa; préf. de Edmond Friedel; mise à jour au 1^{er} oct. 1953. The school '54 354p
- Science-technology serials. See numbers of Sci-tech news
- Stuttgart. Technische hochschule. Zeitschriftenverzeichnis mit bestandsangaben ab 1945. The library '56 142p
- Trondheim. Norges tekniske hogskole. Biblioteket. Samkatalog over utenlandske teknisk-naturvitenskapelige tidsskrifter i norske biblioteker; utarb. etter oppdrag fra Litteraturutvalget i Norges teknisk-naturvitenskapelige forskningsråd. NTH-trykk '53 249p
- United States. Library of Congress. Science division. Chinese scientific and technical serial publications in the collections of the Library of Congress. The division '55 55p
- Van Luik, James, and others, eds. Analysis of 150 chemical and technical journals, and a guide to the pharmacological literature. Purdue univ. '56 1v
- Van Luik, James, and others, eds. Searching the chemical and chemical engineering literature; with an analysis of 229 journals and handbooks. 2d ed rev & enl Purdue univ. '57 1v

Research in progress

- Case institute of technology. Research at Case, 1957[1958] research projects, thesis abstracts, faculty publications; a pub. of references to research projects in progress at Case inst. during the past year; to theses completed by graduate students; and to scientific and scholarly works pub. by the faculty and staff. The institute '58?' '59 2v

TECTITES. See Tektites**TECUMSEH.** Shawnee chief, 1768-1813

- Cooke, David Cox. Tecumseh, destiny's warrior. Messner '59 p 185-6
- Tucker, Glenn. Tecumseh: vision of glory. Bobbs '56 p368-81

TEETH

- Butler, P. M. Ontogeny of molar pattern. Cambridge Philos Soc Biol R 31:61-70 F '56
- Moorrees, Coenraad Frans August. Aleut dentition: a correlative study of dental characteristics in an Eskimoid people. Harvard univ. press '57 p 175-89
- Moorrees, Coenraad Frans August. Dentition of the growing child; a longitudinal study of dental development between 3 and 18 years of age. Harvard univ. press '59 p233-8
- Obergfell, F. A. Vergleichende untersuchungen an dentitionen und dentale alt-burdigaler cerviden von Wintershof-West in Bayern und rezenter cerviden. Palaeontographica 109 secA no 3-6:160-2 '57
- Riethe, Peter. Zur phylogenie des primatengebisses; untersuchungen über das vorkommen vierter molaren im primatenstamm. (Beiträge zur anthropologie, no3) Verlag für kunst & wissenschaft '55 p69-77
- Shaw, J. H. Effect of nutritional factors on bones and teeth. N Y Acad Sci Ann 60 no5: 757-62 '55
- Sundvall-Hagland, Irene. Sodium fluoride application to the deciduous dentition; a clinical study. (Sup 15) Acta odontologica scandinavica '55 p 125-31

See also**Dentistry****Abnormities and deformities**

- Moyers, Robert E. Handbook of orthodontics, for the student and general practitioner. Year bk. pub. '58 incl bibliog
- Salzmann, Jacob Amos. Orthodontics: practice and technics. Lippincott '57 incl bibliog
- White, Thomas Cyril, and others. Orthodontics for dental students. De Graff '55 incl bibliog

Care and hygiene

- Bunting, Russell Welford, and others. Oral hygiene. 3d ed rev Lea '57 incl bibliog

Diseases

- American association for the advancement of science. Advances in experimental caries research; a symposium presented on Dec. 29, 1953, at the Boston meeting of the Association; Reidar F. Sognnaes, editor. The association '55 incl bibliog
- American dental association. Clinical testing of dental caries preventives; rep. of a conference to develop uniform standards and procedures in clinical studies of dental caries. The association '55 incl bibliog
- Bernier, Joseph L. Management of oral disease; a treatise on the recognition, identification, and treatment of diseases of the oral regions. Mosby '55 incl bibliog
- Bunting, Russell Welford, and others. Oral hygiene. 3d ed rev Lea '57 incl bibliog
- Haldi, J. and others. Dental caries in the albino rat in relation to the chemical composition of the teeth and of the diet. J Nutrition 57:222-3; 58:332-3; 63:63-4; 67: 652-3 O '55, Mr '56, S '57, Ap '59
- Hayes, R. L. and others. Posteruptive effects of fluoridation on first permanent molars of children in Grand Rapids, Michigan. Am J Pub Health 47:199 F '57
- McClure, F. J. Wheat cereal diets, rat caries, lysine and minerals. J Nutrition 65:630-1 Ag '58
- National research council. Committee on dental health. Survey of the literature of dental caries, prepared for the Food and nutrition board by Guttorm Toverud [and others]. (Pub. 25) The council '52 p509-67
- Shafer, William G. and others. Textbook of oral pathology. Saunders '58 incl bibliog
- Sommer, Ralph Frederick, and others. Clinical endodontics, a manual of scientific endodontics. Saunders '56 incl bibliog

TEETH, Artificial

- Gehl, Daniel H. and Dresen, O. M. Complete denture prosthesis; formerly by Rudolph O. Schlosser. 4th ed Saunders '58 incl bibliog
- Landy, Chester. Full dentures. (Postgraduate dental lecture ser) Mosby '58 incl bibliog
- Mathé, L. Gyula. Kunststoffe bei kronen und brücken. Urban & Schwarzenberg '54 p 179-81
- Nagle, Raymond, and others. Dental prosthetics; complete dentures. Mosby '58 incl bibliog

TEETH, Artificial—Continued

Spreng, Max. Der kauabdruck; praktische grundlagen der zahnärztlichen prothetik. 2d rev & enl ed Urban & Schwarzenberg '53 p233-8

TEILHARD DE CHARDIN, Pierre, 1881-1955

Barbour, G. Memorial to Pierre Teilhard de Chardin (1881-1955) Geol Soc Am Proc 1955: 171-5 J1 '56

Boskowitz, Karl Friedrich. L'univers personnel de Teilhard de Chardin [par] François-Albert Viallet [pseud] (Recherches) Amiot-Dumont '55 p264-7

Movius, H. L. Pierre Teilhard de Chardin, 1881-1955. Am Anthropol 58:148-50 F '56

Piveteau, J. Pierre Teilhard de Chardin. Soc Géol France Bul 6:798-809 Mr '58

TEKTITES

Barnes, V. E. Properties of tektites pertinent to their origin. Geochimica & Cosmochimica Acta 14:277-8 O '53

Beyer, Henry Otley. Relation of tektites to archaeology; with revs. in 1954. Univ. of the Philippines '55 p37-42

Elby, G. A. Survey of the tektite problem. N Z J Geol & Geophys 2:193-4 F '59

Krinov, E. L. Some considerations on tektites. Geochimica & Cosmochimica Acta 14:265-6 O '53

TELECOMMUNICATION

Bendat, Julius S. Principles and applications of random noise theory. Wiley '53 incl bibliog

Brooklyn. Polytechnic institute. Microwave research institute. Proceedings of the symposium on modern network synthesis; sponsored by the Institute, in cooperation with the Inst. of radio engineers professional group on circuit theory [and others] Apr. 13, 14, 15, 1955; ed. by Jerome Fox. (Symposium ser, v5) The institute '56 incl bibliog

Henkler, Otto, ed. Übertragungstechnik im fernmelde-zeitverkehr. Verlag Technik '56 3v v3, p 1012-47

International radio consultative committee. Bibliography on communication theory. Documentation sur la théorie des communications. Union int. des télécommunications '53

—Supplement no 1[-3] Union int. des télécommunications '54-'56 3v

Stillman, Mary E. Communications and electronics. (PACAF basic bibliogs) Pacific air forces. U.S. Air force '58 44p

TELEGRAPH

Brink, Eduardus Antonius Bernardus Josephus ten, and Schell, C. W. L. Geschiedenis van de rijkstelegraaf, 1852-1952. (Geschiedkundige uitgaven, 5) Staatsbedrijf der posterijen, telegrafie en telefonie '54 p485-506

TELEGRAPH, Wireless**Study and teaching**

Hällje, Börje. Urval och utbildning av radio-telegrafister. Almqvist '53 p233-8

TELEMARK, Norway

Porsgrunn, Norway. Henrik Wergelands folkeboksamlng. Bibliografi over historielaget for Telemark og Grenlands årsskrifter 1918-1946 [av Ernst W. Lund] The library '54 8p

TELEMETERING

American institute of electrical engineers. Bibliography on telemetering; comp. by C. A. Mabey. (S-68) The institute '54 46p

Kiebert, M. V. Bibliography of telemetry. Inst Radio Eng Trans TRC 4:10-19 Je '58

McKenzie, A. A. and Manoogian, H. A. Telemetering; electronic data transmission. Electronics 29:179-80 Ap '56

Nichols, Myron Hiram, and Rauch, Lawrence Lee. Radio telemetry. 2d ed Wiley '56 p443-51

Uglov, K. M. Survey of progress reported during 1955 in telemetry and remote control. Inst Radio Eng Trans TRC 3:11-13 My '57

TELEPHONE

Hurault, J. L. L'évolution des équipements terminaux pour systèmes à courants porteurs à longue et moyenne distance. Cables & Transmission 11:334-6 O '57

Klewe, Hans Robert Julius. Interference between power systems and telecommunication lines; with a foreword by Sir Gordon Radley. (British electrical and allied industry research association. Technical repr, ser, no M/T 126) St Martins '58 p222-43

Richards, D. L. and Swaffield, J. Assessment of speech communication links. Inst Elec Eng Proc 106 ptB:88-9 Mr '59

Swaffield, J. and Richards, D. L. Rating of speech links and performance of telephone networks. Inst Elec Eng Proc 106 ptB:75-6 Mr '59

TELEPHONE, Automatic

Automatic electric company, Chicago. Selected papers on nationwide toll dialing and automatic toll ticketing. (Brochure 2039) The company '54 incl bibliog

TELEPHONE, Automatic

Goudet, G. General considerations on electronic switching. Elec Com 34:89-91 Je '57

TELESCOPE

King, Henry C. History of the telescope; with a foreword by Sir Harold Spencer Jones. Sky pub. corp. '55 incl bibliog

TELEVISION

Abramson, Albert. Electronic motion pictures; a history of the television camera. Univ. of Calif. press '55 p 179-98

Amos, Stanley William, and others. Television engineering; principles and practices; v2, Video-frequency amplification. (BBC engineering training manuals) Philosophical lib. '56 p267-8

Broderick, Gertrude G. Radio and television bibliography. new ed (U.S. Office of education. Bul. 1956, no2) U.S. Gov. ptg. office '56 46p annot

Brown, D. E. Radio and television; an annot. bibliography. Journalism Q 34:378-86 Summer '57

Chester, Giraud, and Garrison, Garnet R. Television and radio; an introduction. 2d ed Appleton '56 p627-36

Current literature. See numbers of Society of motion picture and television engineers. Journal

Hamburg. Universität. Hans Bredow-institut für rundfunk und fernsehen. Bibliographie der bücherei des institutes; stand vom 1. 9. 1955. The institute '55 105p

Library association. County libraries section. Radio and television. (Readers' guide, new ser, no22) The association '53 19p

RCA technical papers. See numbers of RCA review

White, Melvin R. Beginning television production. Burgess '53 incl bibliog

Zworykin, Vladimir Kosma, and others. Television in science and industry. Wiley '53 incl bibliog

Color

Bourton, Kathleen. Colour television. (Special subject lists, no4) Lib. assn. '56 6p

Clapp, R. G. and others. Color television receiver design—a review of current practice. Inst Radio Eng Proc 44:320-1 Mr '56

Haantjes, J. and Teer, K. Compatible colour-television. Wireless Eng 33:9 Ja '56

Hazeltine corporation. Principles of color television; comp. and ed. by Knox McIlwain [and] Charles E. Dean. Wiley '56 incl bibliog

Television society. Bibliography of colour television. The society '54 17p

—Supplement no 1[-2] The society '55-'56 2v

Wentworth, John Warren. Color television engineering. (McGraw-Hill television ser) McGraw '55 incl bibliog

Law and legislation

Tuber, R. Broadcast rights; a bibliography. J Broadcasting 2:263-72 Summer '58 annot

TELEVISION and children

Himmelweit, Hilde T. and others. Television and the child; an empirical study of the effect of television on the young. Oxford '58 p503-7

TELEVISION broadcasting

Abbott, Waldo. Handbook of broadcasting; the fundamentals of radio and television; 4th ed. [by] the auth. [and] Richard L. Rider. McGraw '57 p516-20

Ames, L. A. and others. VHF extra-diffraction propagation bandwidth at 200 miles. (U.S. Air force. Cambridge research center. Technical rep. 55-121) Propagation laboratory, Electronics research directorate '55 p24-6

Becker, Samuel L. and Harshbarger, H. Clay. Television: techniques for planning and performance. Holt '58 incl bibliog

British broadcasting corporation. British broadcasting; a bibliography. The corporation '58 49p annot

TELEVISION broadcasting—Continued

- Doctoral dissertations in radio and television. J Broadcasting 1:377-83 Fall '57
- Graduate theses and dissertations on broadcasting: a topical index. J Broadcasting 2: 56-90 Winter '57
- Hagemann, Walter. Fernhören und fernsehen; eine einföhrung in das rundfunkwesen. (Beiträge zur publizistik, v3) K. Vowinkel '54 p247-58
- Head, Sydney W. Broadcasting in America; a survey of television and radio. Houghton '56 p483-90 annot
- Hodapp, William C. ed. Face your audience; audition readings for actors. (Communication arts bks) Hastings house '56 p 118-24
- Lee, E. F. Doctoral dissertations in radio and television at German universities, 1920-1957. J Broadcasting 2:369-75 Fall '58
- Methodist publishing house, Nashville. Bibliography of theses and dissertations relating to audio-visuals and broadcasting; prepared by Bob J. Golter. The company '58 185p
- Paulu, Burton. British broadcasting; radio and television in the United Kingdom. Univ. of Minn. press '56 p448-52
- Radio and Tv reference books. Broadcasting 55 Yrbk no:B 148-B 149; 57 Yrbk no:F 11-F 12 S 22 '58, S 28 '59
- Television reference books and publications, 1955-1957. Broadcasting-Television 49 Yrbk no:354-5; 51 Yrbk no:299-301; 53 Yrbk no: 413-14 Ag 29 '55, Ag 13 '56, Ag 26 '57
- United States. Superintendent of documents. Radio, electronics, radar, and communications. (Price list 82, 9th ed) U.S. Gov. ptg. office '59 8p
- Social aspects**
- Bogart, Leo. Age of television; a study of viewing habits and the impact of television on Am. life. Ungar '56 p333-41
- Same. 2d ed rev & enl Ungar '58 p350-9
- Coffin, T. E. Television's impact on society. Am Psychologist 10:640-1 O '55
- TELEVISION in education**
- American federation of teachers. Television; tool for education or substitute? Research dept. '58 p25-8
- Analysis and evaluation of a television demonstration of the teaching of fifth-grade reading, arithmetic, and French. Pittsburgh Sch 31:184-6 Mr '57
- Carle, W. M. Needed research in school broadcasting. Educ Res Bul 38:128-30 My '59
- Conference on teaching by television in colleges and universities. University Park, Pennsylvania, 1957. College teaching by television; rep. of a conference sponsored jointly by the Com. on television of the Am. council on education and the Pa. state univ. at University Park, Pa., Oct. 20-23, 1957; ed. by John C. Adams [and others] Am. council on education '58 p224-6
- Ficken, F. A. Use of films and television in mathematics education. Am Math Mo 65: 414-16 Je '58
- Florida. University. College of education. Education library. Educational television for children, in the home and in the school. The library '56 7p
- McKeachie, W. J. TV for college instruction. Improving Coll & Univ Teach 6:89 Summer '58
- National association of educational broadcasters. First NAEB TV engineering workshop for educational television; an account of its lectures, demonstrations and procedures; ed. by Cecil S. Bidlack. The association '55 p60-1
- Pasewark, William R. Teaching typewriting through television; this rep. is a condensation of the effectiveness of television as a medium of learning typewriting; a thesis submitted in partial fulfillment of requirements for the degree of doctor of philosophy at N.Y. univ. 1956. (Research rep, no 17) Bur. of business research, Mich. state univ. '56 p58-9
- Shimberg, B. Selected references in educational television. Am Psychologist 10:642-6 O '55 annot
- Use of television by libraries. News Notes Calif Lib 50:393-4 Ap '55 annot

TELGTE, Germany**Unsere liebe Frau (shrine)**

- Engelmeier, Paul, ed. Maria Telgte. Czichy '54 p 104-5

TELL EL-AMARNA tablets

- Greenberg, Moshe. Hab/piru. (Am. oriental ser, v39) Am. oriental soc. '55 p xi-xiii

TELOCENTRIC chromosomes. See Centromeres (botany)**TEMPERAMENT**

- Diamond, Solomon. Personality and temperament. Harper '57 p427-50

See also**Character****TEMPERANCE****See also****Prohibition****TEMPERANCE education. See Alcohol education****TEMPERATURE**

- American institute of physics. Temperature; its measurement and control in science and industry; v2, Papers presented at the Third symposium on temperature, Washington, D.C. Oct. 28-30, 1954; ed. by Hugh C. Wolfe. Reinhold '55 incl bibliog
- Chao, B. T. and Trigger, K. J. Temperature distribution at the tool-chip interface in metal cutting. Am Soc Mech Eng Trans 77:1118 O '55
- Kingery, William David, ed. Kinetics of high-temperature processes. (Technology press bks. in science and engineering) Mass. inst. of technology; Wiley '59 incl bibliog
- Lovering, T. G. Temperatures and depth of formation of sulfide ore deposits at Gilman, Colorado. Econ Geol 53:706-7 S '58

See also**Air conditioning****Earth temperature****Materials—Temperature effects****Metals—Temperature effects****Ocean temperature****Plants—Temperature****Soil temperature****Thermometers and thermometry****Measurement**

- Dordick, I. L. Selective annotated bibliography on cooling power and its measurement. Meteorol Abst & Bibliog 6:1622-41 N '55
- Warshawsky, I. Measurements of rocket exhaust-gas temperatures. I S A J 5:97 N '58

Physiological effect

- Bedford, T. Research on heating and ventilation in relation to human comfort. Heating Piping 30:134 D '58
- Blackshaw, A. W. and others. Factors influencing metabolic activity of bull spermatozoa. J Dairy Sci 40:1098, 1105-6 S '57
- Dawson, W. R. Relation of oxygen consumption and evaporative water loss to temperature in the cardinal. Physiol Zoöl 31: 48 Ja '58
- Dehnell, P. A. Rates of growth of gastropods as a function of latitude. Physiol Zoöl 28: 137-8+ Ap '55
- Irving, L. and others. Metabolism of some Alaskan animals in winter and summer. Physiol Zoöl 28:185 Jl '55
- Johnson, Frank Harris, ed. Influence of temperature on biological systems; incorporating papers presented at a symposium held at the Univ. of Conn. Storrs, on Aug. 27 and 28, 1956. Am. physiological soc. '57 incl bibliog
- Lynch, W. R. Effects of moderately low temperatures on the rate of metamorphosis of bugula flabellata. Physiol Zoöl 29:225-6 Jl '56
- McDonald, J. and Macfarlane, W. V. Renal function of sheep in hot environments. Australian J Ag Res 9:691-2 S '58
- MacDonald, M. A. and Bell, J. M. Effects of low fluctuating temperatures on farm animals. Can J Animal Sci 38:21-2, 31-2, 153-9, 169-70 Je-D '58
- Musacchia, X. J. and Clark, M. R. Effects of elevated temperatures on tissue chemistry of the arctic sculpin myoxocephalus quadricornis. Physiol Zoöl 30:17 Ja '57
- Roberts, J. L. Thermal acclimation of metabolism in the crab pachygrapsus crassipes Randall. Physiol Zoöl 30:241-2, 254-5 Jl '57
- Thompson, E. M. and others. Effect of high environmental temperature on basal metabolism and serum ascorbic acid concentration of women. J Nutrition 68:46-7 My '59

TEMPERATURE—Physiological effect—*Cont.*

Volpe, E. P. Embryonic temperature tolerance and rate of development in bufo vallicipes. *Physiol Zool* 30:175-6 Ap '57

See also

Bacteria, Effect of temperature on

Cold—Physiological effect

Fishes, Effect of temperature on

Frost

Fungi, Effect of temperature on

Heat—Physiological effect

Insects, Effect of temperature on

Plants, Effect of temperature on

TEMPERATURE, Animal and human. See Body temperature

TEMPERATURE, Low

Scott, Russell Burton. Cryogenic engineering. Van Nostrand '59 incl bibliog

Wessel, E. T. Refrigeration techniques and apparatus for very low temperatures (to 4.2 K) *Refriger Eng* 65:45 O '57

TEMPERATURE sense

Herter, Konrad. Der temperatursinn der insekten. Duncker & Humblot '53 p351-65

TEMPLARS

Simon, Edith. Piebald standard; a biography of the Knights Templars. Little '59 p346-7

TENDERIZATION of meat. See Meat—Tenderization

TENDONS

Surgery

Carstam, Nils. Effect of cortisone on the formation of tendon adhesions and on tendon healing; an experimental investigation in the rabbit [tr. by L. James Brown] (Sup 182) *Acta chirurgica scandinavica* '53 p 105-11

TENNESSEE

Government publications

Harbison, Mary Coleman, and Tilley, Betty Currie. Index to information available from state agencies. (Pub. no261) State planning comm. '55 np

Tennessee. State library division. List of Tennessee state publications, no 1[-6] The division '54-'59 6v

Tennessee. State library division. Preliminary check-list of Tennessee legislative documents. The division '54 np

History

Dykeman, Wilma. French Broad. (Rivers of Am) Rinehart '55 p349-56

Sanderson, Esther (Sharp). County Scott and its mountain folk. The author '58 p249-50

TENNESSEE Valley authority

Clapp, Gordon Rufus. TVA; an approach to the development of a region. Univ. of Chicago press '55 p 192-201 annot

Dahir, James. Region building; community development lessons from the Tennessee valley. Harper '55 p 177-202

Tennessee Valley authority. Library. Bibliography for the TVA program; comp. by Bernard L. Foy. The library '58 48p

Tennessee Valley authority. Library. Indexed bibliography of the Tennessee Valley authority; cumulated sup. Jan. 1955-Dec. 1956[-Jan. 1957-Dec. 1958] The library '57-'59 2v

TENNIS

Cummings, Parke. American tennis; the story of a game and its people. Little '57 p 197

Johnson, J. Tennis serve of advanced woman players. *Res Q* 28:180-1 My '57

Tennis-badminton guide with official rules and standards. June 1958-June 1960; eds: Marya Welch and Jeanne Pons [Tennis bibliog. by Virginia L. Creed; Rev. badminton bibliog. by Ruth E. Shaw] Div. for girls & women's sports. Am. assn. for health, physical education & recreation '58 p39-42

TENNYSON, Alfred Tennyson, baron, 1809-1892

Lucas, Frank Lawrence. Tennyson. (Bibliog. ser. of sups. to British bk. news, no83) Longmans '57 40p

TENSION (psychology)

Basowitz, Harold, and others. Anxiety and stress; an interdisciplinary study of a life situation. McGraw '55 p303-9

Caudill, William A. Effects of social and cultural systems in reaction to stress; memorandum to the Com. on preventive medicine and social science research. (Pamphlet 14) Social science research council '58 p31-4

Connecticut college for women. New London. Department of psychology. Motivation research project. Psychological stress and related concepts; a bibliog. comp. and ed. by Mortimer H. Appenzweig; prepared for Group psychology branch, Office of naval research. (Technical rep. no7) The college '57 185p

—Supplement: Indices to a bibliography. (Technical rep. no7, sup) The college '58 35p

Farber, I. E. and Spence, K. W. Effects of anxiety, stress, and task variables on reaction time. *J Personality* 25:17-18 S '56

Malmö, R. B. and Smith, A. A. Forehead tension and motor irregularities in psychoneurotic patients under stress. *J Personality* 23:405-6 Je '55

Plutchik, R. Role of muscular tension in maladjustment. *J Gen Psychol* 50:58-62 Ja '54

Schaffer, H. R. Behavior under stress: a neurophysiological hypothesis. *Psychol R* 61: 332-3 S '54

Sparer, Phineas J. ed. Personality, stress, and tuberculosis. Int. univs. press '56 incl bibliog

TENSOR analysis. See Calculus of tensors

TERBRUGGHEN, Hendrick, 1588-1629

Nicolson, Benedict. Hendrick Terbrugghen. Lund '58 p 181-4

TEREDO. See Shipworms

TERESA, Benedicta of the Cross, Sister. See Stein, E.

TERESA of the Child Jesu, Saint, 1873-1897

Görre, Ida Friederike. Hidden face; a study of St Thérèse of Lisieux. Pantheon bks. '59 p422-4

TERMAN, Lewis Madison, 1877-1956

Boring, E. G. Lewis Madison Terman. (In National academy of sciences. Biographical memoirs. (V33) Columbia univ. press '59 p442-61)

TERMINOLOGY

See also

Terms and phrases

TERMITES

Bonaventura, A. Contributo alla bibliografia delle termiti e della lotta antitermitica. Ist Patologia Libro Boll 15:269-83; 16:98-112, 251-78 Jl '56, Ja-Jl '57

Ebeling, W. and Wagner, R. E. Rapid desiccation of drywood termites with inert sorptive dusts and other substances. *J Econ Entom* 52:207 Ap '59

Schmidt, Hans, ed. Die termiten; ihre erkenntnismerkmale und wirtschaftliche bedeutung; beiträge zur angewandten termitenkunde von W. Bavendamm [et al] Akademische verlagsgesellschaft '55 incl bibliog

Schmidt, R. S. Evolution of nest-building behavior in apicoterms (Isoptera). *Evolution* 9:180-1 Je '55

Snyder, Thomas Elliott. Annotated, subject-heading bibliography of termites, 1350 B.C. to A.D. 1954. (Smithsonian misc. colls, v 130) Smithsonian inst. '56 305p

Weber, Charles Edward. Interaction of termites with soil and life. The author '54 p68-72

TERMS and phrases

Jumpelt, R. W. Documentation in terminology and lexicography. *Babel* 2:40-4 Mr '56

TERNAUX COMPANS, Henri, 1807-1864

Wagner, H. R. Henri Ternaux Compans. *R Interam Bibliog* 7:239-54 Jl '57 annot

TERRACINI, Aron Benvenuto, 1886-

Terracini, Aron Benvenuto. Pagine e appunti di linguistica storica. Le Monnier '57 r xi-xx

TERRITORIAL expansion

See also

Imperialism

TERRITORIAL waters

See also

Continental shelf

TERRITORY, National

See also

Geopolitics

Military occupation

TERTULLIANUS, Quintus Septimius Florens.

ca 160-230

Säflund, Gösta. De Pallio und die stilsche entwicklung Tertullians. (Svenska inst. i Rom. Skrifter. Acta. Ser. altera. 8) Gleerup '55 p225-33

- TESLA, Nikola, 1856-1943**
Anderson, Leland I. Bibliography: Dr. Nikola Tesla, 1856-1943. 2d enl ed Tesla soc. '56 43p
- TESO tribe**
Lawrence, J. C. D. Iteso; fifty years of change in a Nilo-Hamitic tribe of Uganda; with a foreword by Sir Andrew Cohen. Oxford '57 p272-5
- TESTICLES**
Reid, B. L. and Cleland, K. W. Structure and function of the epididymis. Australian J Zool 5:243-4 O '57
Willett, E. L. and Ohms, J. I. Measurement of testicular size and its relation to production of spermatozoa by bulls. J Dairy Sci 40:1568-9 D '57
- Abnormalities and deformities**
Charny, Charles W. and Wolgin, William. Cryptorchism. Harper '57 p 131-5
- TESTING**
American society for testing materials. Symposium on impact testing; presented at the 58th annual meeting, Atlantic City, N.J., June 27, 1955. (Special pub. no 176) The society '56 incl bibliog
American society for testing materials. Symposium on nondestructive tests in the field of nuclear energy; presented in Chicago, Ill. Apr. 16-18, 1957. (Special technical pub. no223) The society '58 incl bibliog
Ballard, D. W. Critical survey of the general limitations of the nondestructive testing field. Non-destruct Test 15:207; 16:112 JI '57. Mr '58
Current literature. See numbers of Non-destructive testing
Davis, Harmer Elmer. Testing and inspection of engineering materials. 2d ed (McGraw-Hill ser. in civil engineering) McGraw '55 p390-416
North Carolina. University. Institute of statistics. State college section. Raleigh. Experimental designs in industry; a symposium held Nov. 5-9, 1956 at N.C. state college; sponsored by the Mathematics div, Air force office of scientific research. Air research and development command; ed. by Victor Chew. (Wiley pub. in applied statistics) Wiley '58 incl bibliog
See also
Bituminous materials—Testing
Materials—Testing
Metals—Testing
Mortar—Testing
Sewage—Testing
Textile fabrics—Testing
Ultrasonic testing
X rays—Industrial applications
- TESTS and scales**
Davids, A. Relations among several objective measures of anxiety under different conditions of motivation. J Consult Psychol 19:278-9 Ag '55
Diller, J. C. Comparison of the test performances of male and female juvenile delinquents. J Genetic Psychol 86:234-6 Je '55
Fiske, D. W. Constraints of intra-individual variability in test responses. Educ & Psychol Meas 17:335-7 Autumn '57
Invitational conference on testing problems. Proceedings [of the conference held] November 1, 1958, New York city; Robert T. Lennon chairman. Educational testing service '59 p24-5, 34, 46-7
Lorr, M. Rating scales and check lists for the evaluation of psychopathology. Psychol Bul 51:127 Mr '54
Making and use of tests. Ind Arts & Voc Educ 44:193 Je '55
Messick, S. J. Some recent theoretical developments in multidimensional scaling. Educ & Psychol Meas 16:98-100 Spring '56
Morse, Horace T. and McCune, George H. Selected items for the testing of study skills and critical thinking. 3d ed (Bul. no 15) Nat. council for the social studies '57 p75-80
Science research associates. Using the Iowa tests of educational development for college planning? 2d ed The associates '57 p62-4
Selected references on statistics, the theory of test construction, and factor analysis. Sch R 63:448-52; 64:370-4 N '55, N '56 annot
Stanley, J. C. Statistical analysis of scores from counterbalanced tests. J Exp Educ 23:199. Mr '55
- Stevens, S. S. and Galanter, E. H. Ratio scales and category scales for a dozen perceptual continua. J Exp Psychol 54:409-11 D '57
Whipple, J. W. Study of the extent to which positive or negative phrasing affects answers in a true-false test. J Educ Res 51: 62-3 S '57
Windle, C. Relationships among five MMPI anxiety indices. J Consult Psychol 19:63 F '55
See also
Ability—Testing
Attitude tests
Completion tests
Factor analysis
Intelligence tests
Personality tests
Psychological tests
Strong vocational interest blank
- TETANUS**
Axnick, N. W. and Alexander, E. R. Tetanus in the United States; a review of the problem. Am J Pub Health 47:1500-1 D '57
Booth, N. H. and Pierson, R. E. Treatment of tetanus with d-tubocurarine chloride. Am Vet Med Assn J 128:259-61 Mr 1 '56
- TETRACYCLINE**
André, Torsten. Studies on the distribution of tritium-labelled dihydrostreptomycin and tetracycline in the body [tr. by Stanley H. Vernon] (Sup 142) Acta radiologica '56 p85-9
Dowling, Harry Filmore. Tetracycline; foreword by Henry Welch and Félix Martí-Ibañez. (Antibiotics monographs, 3) Medical encyclopedia '56 p53-7
- TETRAHYDROPHthalic acid**
Buckles, R. E. Tetrahydrophthalic acid. Chem R 57:659-63 Ag '57
- TETRAHYMENA**
Allen, S. L. and Nanney, D. L. Analysis of nuclear differentiation in the selfers of tetrahymena. Am Natur 92:159-60 My '58
- TETRANITROMETHANE poisoning**
Horn, H. J. Inhalation toxicology of tetranitromethane. AMA Archives Ind Health 10: 220-2 S '54
- TETRAZOLIUM compounds**
Roistacher, C. N. and others. 2,3,5-triphenyl-tetrazolium chloride as an indicator of germinability and dormancy of gladiolus cormels. Hilgardia 26 no 17:701-4 S '57
Schatz, A. and others. Antifungal properties of tetrazolium compounds. Mycologia 48: 482-3 JI '56
Sorokin, H. P. and Sorokin, S. Staining of mitochondria with neotetrazolium chloride. Am J Bot 43:189-90 Mr '56
- TEXAS**
Houston. Texas. Public library. Selected bibliography of Texana; a list of titles from the Tex. coll. of the library; comp. by Carl Black [and others] The library '58 18p
Madison, Virginia. Big Bend country of Texas. Univ. of N.Mex. press '55 p249-56
Rickard, John Allison. Famous Texans. Upshaw '55 p361-7
Streeter, Thomas Winthrop. Bibliography of Texas, 1795-1845. Harvard univ. press '55-'56 3v annot
Texas state teachers' association. School library section. Books and related materials about Texas, grades 1-12; comp. by a Com. of the School lib. sec. Tex. state teachers' assn. and the School libs. div. Tex. lib. association. Tex. education agency '57 57p
- Economic conditions**
Spratt, John S. Road to Spindletop; economic change in Texas, 1875-1901. Southern Methodist univ. press '55 p317-24
- History**
Carroll, H. Bailey, and Gutsch, Milton R. Texas history theses; a check list of the theses and dissertations relating to Texas history accepted at the Univ. of Tex, 1893-1951. Tex. historical assn. '55 208p
Elliott, Claude. Theses on Texas history; a check list of theses and dissertations in Tex. history produced in the depts. of history of eighteen Tex. graduate schools and thirty-three graduate schools outside Tex. 1907-1952. Tex. state historical assn. '55 280p
Farrow, Marion Humphreys. Troublesome times in Texas. Naylor '59 p97-102

TEXAS—History—*Continued*

- Hammond, William J. and Hammond, Margaret W. La Réunion, a French settlement in Texas. Royal pub. co. '58 p 147-50
- Hasskari, Robert A. Brenham, Texas, 1844-1958. Banner press '58 p93-6
- Jenkins, John Holland. Recollections of early Texas [his] memoirs ed. by John Holmes Jenkins; foreword by J. Frank Dobie. Univ. of Tex. press '58 p275-82
- Richardson, Rupert Norval. Texas, the Lone Star state. 2d ed Prentice-Hall '58 incl bibliog annot
- Siegel, Stanley. Political history of the Texas republic, 1836-1845. Univ. of Tex. press '56 p259-68
- Smith, Alex Morton. First 100 years in Cooke county. Naylor '55 p248-9

Revolution, 1835-1836

- Tinkle, Lon. 13 days to glory; the siege of the Alamo. McGraw '58 p248-52 annot

Industries and resources

- Taylor, Jack B. Feasibility of processing wool and mohair in Texas. (Bul. 852) Tex. agricultural experiment station '57 p53-6

Politics and government

- MacCorkle, Stuart Alexander, and Smith, Dick. Texas government. 3d ed McGraw '56 incl bibliog
- Texas, University. Institute of public affairs. Bibliography on Texas government; 1956 supplement. (Public affairs ser, no27) The institute '56 49p

TEXTBOOKS

- Association for supervision and curriculum development. Recent curriculum materials; [catalog for] exhibit of curriculum materials. 13th annual meeting of the Association. Seattle, Wash. March 2-6, 1958. The association '58 34p
- Das deutsche schulbuch, 1945-1950; eine bibliog. zusammenstellung. Limburger vereins-druckerei '51 399p

- National book league. Education book guide, 1956[1-1959] (V 1-4) Councils & education press '56-'59 4v

- Recent books for classroom and library. Cath Sch J '59:45-57 F '59 annot

- Schüddenkopf, Otto Ernst. Die internationale schulbucharbeit; eine bibliog. 1918-1955. (Int. jahrbuch für geschichtsunterricht, 1956) Limbach '57? p2-84
- 1. fortsetzung. Apr. 1955-1957. (Int. jahrbuch für geschichtsunterricht, 1957) Limbach '58? p210-31

- Textbooks in print, formerly the American educational catalog. 1956[1-1959] rev. to Jan. 1956[1-1959] an auth. and title index to elementary, junior and senior high school bks. classified by subject with sup. readers and pedagogical bks; comp. at the office of Publishers' weekly from data furnished by publishers. Bowker '56-'59 4v

- United States, Adjutant-general's office. Administrative services division. Bibliography of textbooks in non-Slavic languages used in the Soviet-Union. Department records branch '54 51p

- United States, Armed forces institute, Madison, Wisconsin. USAFI standard nomenclature list. rev The institute '55 94p

See also

- Arithmetic—Textbooks
Chemistry—Textbooks
Education—Textbooks
Science—Textbooks
Social sciences—Textbooks

TEXTILE chemicals

- Parolla, E. A. and Draves, C. Z. with glycerine from fiber to fabric. Am Dyestuff Rep 46:769; 47:654 O 21 '57, S 22 '58

TEXTILE chemistry

- Fisher, C. H. New cotton properties through chemical research. Textile Res J 25:10-11 Ja '55

- Lindner, Kurt, and others. Textilhilfsmittel und waschrohstoffe. Wissenschaftliche verlagsgesellschaft '54 p908-46

TEXTILE education

- Pennsylvania. Department of public instruction. Textiles as an area of industrial arts instruction in Pennsylvania public schools. (Bul. 331-K) The department '55 p35-41 annot

TEXTILE fabrics

Abstracts [of periodical literature] See numbers of Textile institute. Journal

- Allix, André, and Gibert, André. Géographie des textiles. (Géographie économique et sociale, v6) Génin '57 incl bibliog

- Beckwith, J. Coptic textiles. Ciba R 12:26-7 Ag '59

- Birrell, Verla Leone. Textile arts; a handbk. of fabric structure and design processes: ancient and modern weaving, braiding, printing, and other textile techniques. (Harper's home economics ser) Harper '59 p493-500

- Co-operative union limited. Education department. Textiles and the consumer; a booklet about textiles for the home and personal wear, prepared for the Co-operative consumer education programme. (Design for study, no8) The department '58 p59-64 annot

- Covert, L. L. Uses of radiostopes in the textile industry; a sel. bibliography. (T.I.S. rep. no54) Technical information service. National research council. Canada '57 8p

- Fletcher, Hazel M. and Robert, S. Helen. Properties and serviceability of selected household and clothing fabrics; bibliog. and review of research findings, 1928-1951. (U.S. Dept. of agriculture. Agriculture information bul. no 147) U.S. Gov. ptg. office '56 p37-40

- Freedland, V. D. Textile information: how and where to find it. Aslib Proc 8:177-94 Ag '56

- Goglia, M. J. and others. Air permeability of parachute cloths. Textile Res J 25:311-13 Ap '55

- Hollen, Norma, and Saddler, Jane. Textiles. Macmillan '55 incl bibliog

- Irwin, J. Selected bibliography of Indian textiles. (In New York (city). Museum of modern art. Textiles and ornaments of India; a sel. of designs, ed. with a foreword, by Monroe Wheeler; texts by Pupul Jayakar and John Irwin. The museum '56 p91-3)

- Meyer-Heisig, Erich. Weberei, nadelwerk, zeugdruck; zur deutschen volkstümlichen textilkunst. Prestel-verlag '56 p77-80

- Schreus, Theo. Das gewebe, unter besonderer berücksichtigung der fertigungsangaben und der gewebetechnik bei schaff- und jacquardgeweben. (Garn und gewebe; ein leitfaden für schule und praxis, v2) Butzon & Bercker '53 p319-24

- Stevens, Hazel (Tharp) and Richey, Helen L. Institutional and household textiles. Burgess '54 incl bibliog

- Textile technology digest; a monthly review of the literature of textile science and technology. Inst. of textile technology. See numbers

- Wallin Ake, ed. Textilboken. Bertmark '56 p667-99

- Washington, D.C. Textile museum. Catalogue of dated tiraz fabrics: Umayyad, Abbasid, Fatimid, by Ernst Kühnel; technical analysis by Louisa Bellinger. Nat. pub. co. '52 p129-31

- Wingate, Isabel (Barnum). Textile fabrics and their selection. 4th ed Prentice-Hall '55 p670-9

See also

- Indians of South America—Textile industry and fabrics

Tapestry

Weaving

Bonded web

- Barach, J. L. and Coates, H. W. Acetate—a basic fiber for nonwovens. Am Dyestuff Rep 48:48-9 Je 1 '59

Nonwover

See Textile fabrics—Bonded web

Soiling

See Soiling of textiles

Testing

- American society for testing materials. Committee D-13 on textile materials. ASTM standards on textile materials (with related information) The society '59 p861-7

- Demiruren, A. and Burns, R. H. Resilience of scoured wool. Textile Res J 25:674-5 Ag '55

- Stone, W. K. and others. Stress-strain relationships in yarns subjected to rapid impact loading. J Res Nat Bur Stand 54:275-6 My '55

TEXTILE fibers

- Abstracts [of periodical literature] See numbers of Textile institute. Journal
- Bally, W. and Tobler, F. Hard fibres. Econ Bot 9:398-9 O '55
- Grove, C. S. and others. Fibers. Ind & Eng Chem 47:1981; 48:1729-30; 49:1603; 50:1447-8 S '55, S '56, S '57, S '58
- Stone, W. K. and others. Stress-strain relationships in yarns subjected to rapid impact loading. Textile Res J 25:523 Je '55
- Stoves, J. L. Fibre microscopy: its technique and application. Nat. trade press '57 incl bibliog
- Textile technology digest; a monthly review of the literature of textile science and technology. Inst. of textile technology. See numbers
- Woods, Henry John. Physics of fibres; an introd. survey. (Physics in industry) Inst. of physics '55 p89-95

See also

- Cotton fibers
Jute
Wool
Yarn

TEXTILE fibers, Synthetic

- Campbell, J. Man-made fibers; progress review and forecast 1955-1956. Mod Textiles 36:68 S '55
- Grove, C. S. and others. Fibers. Ind & Eng Chem 47:1981; 48:1729-30; 49:1603; 50:1447-8 S '55, S '56, S '57, S '58
- Klare, Hermann. Technologie und chemie der synthetischen fasern aus polyamiden. Verlag Technik '54 p234-44
- Koch, Paul August, and Neeb, Franz Josef. Synthetische faserstoffe; veröffentlichungen bis zum jahr 1958. (VDI-dokumentation; fachbibliog. no3) VDI dokumentationsstelle, Verein deutscher ingenieure '58 164p
- Koch, P. A. Man-made fibers data sheets. Mod Textiles 37:53-4 Ja '56

See also

- Paper thread

TEXTILE finishing

- Weiss, Harry Bischoff, and Ziegler, Grace M. Early fulling mills of New Jersey. N.J. agricultural soc. '57 p74-6

TEXTILE industry

- Abstracts [of periodical literature] See numbers of Textile institute. Journal
- Allox, André, and Gilbert, André. Géographie des textiles. (Géographie économique et sociale, v6) Génin '57 incl bibliog
- Birrell, Verla Leone. Textile arts; a handbk. of fabric structure and design processes: ancient and modern weaving, braiding, printing, and other textile techniques. (Harper's home economics ser) Harper '59 p493-500
- Covert, L. L. Uses of radioisotopes in the textile industry; a sel. bibliography. (T.I.S. rep. no54) Technical information service, National research council, Canada '57 8p
- Green, Frederick Gordon. Heat economy in textile plants; notes with annot. bibliography. (T.I.S. rep. no56) Technical information service, Nat. research council, Canada '58 16p
- Hollen, Norma, and Saddler, Jane. Textiles. Macmillan '55 incl bibliog
- Honegger, H. and others. Zürich silks. Ciba R no 119:32 Mr '57
- Industrial waste guide to the wool processing industry. Am Dyestuff Rep 44:661 S '55
- Potter, Maurice David, and Corbman, Bernard P. Fiber to fabric. 2d ed Gregg '55? p333-4
- Schreus, Theo. Das gewebe, unter besonderer berücksichtigung der fertigungsangaben und der gewebe technik bei schaff- und jacquardgeweben. (Garn und gewebe; ein leitfaden für schule und praxis, v2) Butzon & Bercker '53 p319-24
- Textile technology digest; a monthly review of the literature of textile science and technology. Inst. of textile technology. See numbers
- Wallin, Ake, ed. Textilboken. Bertmark '56 p667-99
- See also
- Cotton manufacture
Cotton trade
Dyes and dyeing
Indians of South America—Textile industry and fabrics
Silk manufacture and trade

Egypt

- Washington, D.C. Textile museum. Catalogue of dated tiraz fabrics: Umayyad, Abbasid, Fatimid, by Ernst Kühnel; technical analysis by Louisa Bellinger. Nat. pub. co. '52 p 129-31

Germany

- Kötter, Heinrich. Die textilindustrie des deutsch-niederländischen grenzgebietes in ihrer wirtschaftsgeographischen verflechtung. (Arbeiten zur rheinischen landeskunde, no2) Geographisches inst, Univ. Bonn '52 p81-6
- Meyer-Heisig, Erich. Weberei, nadelwerk, zeugdruck; zur deutschen volkstümlichen textilkunst. Prestel-verlag '56 p77-80

Netherlands

- Kötter, Heinrich. Die textilindustrie des deutsch-niederländischen grenzgebietes in ihrer wirtschaftsgeographischen verflechtung. (Arbeiten zur rheinischen landeskunde, no2) Geographisches inst, Univ. Bonn '52 p81-6

New Jersey

- Weiss, Harry Bischoff, and Ziegler, Grace M. Early fulling mills of New Jersey. N.J. agricultural soc. '57 p74-6

United States

- Roscoe, Edwin Scott, and Thuerling, George Lewis. Textile industry in Pennsylvania; rep. of a survey on status of the industry, its prospects, and the roles of the Pa. state univ. and the Gov. of the Commonwealth in serving that industry. (Engineering research bul. B-74) College of engineering & architecture, Pa. State univ. '58 p207-13

TEXTILE printing

- Franken, A. Technical advances in roller printing. Ciba R 11:32 Mr '58
- Taylor, Frank Royle. Dyes, dyeing and textile printing. (Special subject lists, no6) Lib. assn. '56 12p

See also

- Calico printing

TEXTILE research

- Australia. Wool textile research laboratories. Proceedings of the international wool textile research conference, Australia, 1955. Commonwealth scientific & industrial research organization '56 incl bibliog
- Hamburger, Walter Julian. Technology for the analysis, design, and use of textile structures as engineering materials; presented before the 58th annual meeting of the Am. soc. for testing materials. (Edgar Marburg lecture 1955) Am. soc. for testing materials '55 p41-50

THACKERAY, William Makepeace, 1811-1863

- Ray, Gordon Norton. Thackeray; v 1. The uses of adversity, 1811-1846. McGraw '55 p435-503

THADDEUS Stevens trade school

- Hartzell, James Hamilton. History of the Thaddeus Stevens trade school. Thaddeus Stevens trade school '55 p 163-5

THAILAND

- Blanchard, Wendell, and others. Thailand: its people, its society, its culture. (Country survey ser) HRAF press '58 p497-516
- Cornell university. Department of Far Eastern studies. Southeast Asia program. Bibliography of Thailand; a sel. list of bks. and articles with annots. by the staff of the Cornell Thailand research project. (Data paper no20) The program '56 64, 5p
- Cornell university. Department of Far Eastern studies. Southeast Asia program. Handbook on Thailand; general ed: Lauriston Sharp [and others] prelim ed (Human relations area files. Subcontractor's monograph. HRAF-42) The university '56 incl bibliog
- DeYoung, John E. Village life in modern Thailand. Univ. of Calif. press '55 p219-22
- Mason, John Brown, and Parish, H. Carroll. Thailand bibliography. (Bibliog. ser, no4) Dept. of reference & bibliog. Univ. of Fla. lib. '58 247p annot
- Stanton, Edwin F. Thailand; an outline. (Pub. no 1) World study center, State univ. teachers college, New Paltz '59 p 19-20 annot

THAILAND—*Continued*

Government publications

Bangkok, Thailand. National library. List of Thai government publications covering the years B.E. 2497 (1954), B.E. 2498 (1955), B.E. 2499 (1956) The library '57 32p

Social life and customs

McFarland, Bertha. (Blount). McFarland of Siam; the life of George Bradley McFarland. M.D., D.D.S., afterwards Phra Ach Vidya-gama; ed. by George E. McCracken. Van-tage '58 p296-302

THALAMUS. See Optic thalamus

THALASSEMIA. See Anemia

THALBITZER, William Carl, 1873-
William Thalbitzer bibliografi, 1900-1953. (Denmark. Kommissionen for videnskabelige undersøgelser i Grønland. Meddelelser om Grønland, v 140, no 1) Reitzel '54 28p

THALLIUM poisoning
Richeson, E. M. industrial thallium intoxication. Ind Med 27:618-19 D '58

THEATER

Books on the theatre, 1954-1955[-1958-1959] (In Best plays of 1954-1955[-1958-1959] (V38-42) Dodd '55-59 5v) v33, p430-2; v39, p405-8; v40, p387-90; v41, p343-5; v42, p349-53

Chapman, John Jay. Broadway's best, 1958[-1959] the complete record of the theatrical year. Doubleday '58-'59 2v 1958, p265-75; 1959, p281-91

Doctoral projects in progress in theatre arts, 1954[-1958] Educ Theatre J 7:151-3; 8:154-6; 9:138-40; 10:136-8; 11:139-42; My '55, My '56, My '57, My '58, My '59

Graduate theses in theatre, 1953[-1957] Educ Theatre J 7:154-62; 8:143-53; 9:141-50; 10:139-49; 11:143-52 My '55, My '56, My '57, My '58, My '59

Hadamowsky, F. Bibliographie des [im jahre] 1955 angezeigten theaterwissenschaftlichen schriftums. Maske & Kothurn 1 no 1/2: 195-9; 2 no 1:93-6 '55-'56

Hartnoll, Phyllis, ed. Oxford companion of the theatre. 2d ed Oxford '57 p856-88, 23-6 (sup)

Heffner, Hubert Crouse, and others. Modern theatre practice; a handbk. of play production; with an app. on costume and make-up by Fairfax Proudfit Walkup. 4th ed Appleton '59 p615-48 annot

Schaffer, James F. Director, the actor & the stage. Allied pubs. '56 p 101-2

Sobel, Bernard, ed. New theatre handbook and digest of plays [pref. and bibliog. by George Freedley] 8th ed rev Crown '59 p727-49 annot

Theatre, '56. Random '56 p474-82

Theatre. N Y Pub Lib Br Lib Bk News 35:27-34 F '58 annot

See also

Acting
Amateur theatricals
Ballet
Drama
Dramas
Moving picture plays
Moving pictures
Opera
Puppets and puppet plays

History

Macgowan, Kenneth, and Melnitz, William. Living stage; a history of the world theater. Prentice-Hall '55 p509-18

Nicoll, Allardyce. Development of the theatre: a study of theatrical art from the beginnings to the present day. 4th ed rev Harcourt '58 p297-308 annot

Samachson, Dorothy, and Samachson, Joseph. Dramatic story of the theatre. Abelard '55 p 162

Schwanbeck, Gisela. Bibliographie der deutschsprachigen hochschulschriften zur theaterwissenschaft von 1885 bis 1952. (Schriften. v58) Gesellschaft für theatergeschichte '56 563p

Production and direction

Adams, R. G. Bibliography for producing organizations with limited budgets and facilities. Educ Theatre J 7:246-9 O '55

Engel, Lehman. Planning and producing the musical show. Crown '57 p 158-9

Mulgrave, Dorothy Irene. Speech for the classroom teacher. 3d ed Prentice-Hall '55 p308-12

Stage lighting

Bowman, Wayne. Modern theatre lighting. Harper '57 p220-4 annot

Rubin, Joel E. and Watson, Leland H. Theatrical lighting practice. Theatre arts '54 p 127-34

Selden, Samuel, and Sellman, Hunton Dade. Stage scenery and lighting. 3d ed Appleton '59 p379-84

Stage setting and scenery

Adix, Vern. Theatre scenecraft for the backstage technician and artist. Children's theatre '56 p287-9

Färber, M. Bibliographie zu Heinz Kindermann und Margret Dietrich "300 jahre österreichisches bühnenbild." Maske & Kothurn 5 no2:183-90 '59

Lawrence, Thomas Edward. French stage in the XVIIth century; a study in the advent of the Italian order. Manchester univ. press '57 p 183-97

Selden, Samuel, and Sellman, Hunton Dade. Stage scenery and lighting. 3d ed Appleton '59 p379-84

Arabia

Landau, Jacob M. Studies in the Arab theater and cinema; pref. by H. A. R. Gibb. Univ. of Pa. press '58 p207-15

Asia

Bowers, Faubion. Theatre in the East; a survey of Asian dance and drama. Nelson '56 p361-3 annot

Austria

Färber, M. Bibliographie zu Heinz Kindermann und Margret Dietrich "300 jahre österreichisches bühnenbild." Maske & Kothurn 5 no2:183-90 '59

Europe

History

Kindermann, Heinz. Theatergeschichte Europas; v 1, Das theater der antike und des mittelalters. Müller '57 p482-501

France

Veinstein, André. Théâtre libre au Théâtre Louis Jouvet; les théâtres d'art à travers leurs périodiques (1887-1934) préf. d'Henri Gouhier. Ed. Billaudot '55 p 134-275

History

Baldick, Robert. Life and times of Frédéric Lemaître. Essential bks. '59 p249-52

Breitholtz, Lennart. Le théâtre historique en France jusqu'à la révolution. (Uppsala. Univ. Arsskrift, 1952:12) Lundequistska bokhandeln '52 p376-88

Lawrence, Thomas Edward. French stage in the XVIIth century; a study in the advent of the Italian order. Manchester univ. press '57 p 183-97

Periodicals

Veinstein, André. Théâtre libre au Théâtre Louis Jouvet; les théâtres d'art à travers leurs périodiques (1887-1934) préf. d'Henri Gouhier. Eds. Billaudot '55 p 134-275

Germany

Rühle, Jürgen. Das gefesselte theater; vom revolutionstheater zum sozialistischen realismus. Kiepenheuer & Witsch '57 p443-8

Great Britain

History

Clunes, Alec. British theatre history. (Reader's guides, 2d ser, 3) Nat. bk. league '55 27p annot

Rowell, George. Victorian theatre; a survey. Oxford '56 p 159-89

Wickham, Glynne William Gladstone. Early English stages, 1300 to 1660; v 1, 1300 to 1576. Columbia univ. press '59 p405-13

Wilson, John Harold. All the king's ladies; actresses of the restoration. Univ. of Chicago press '58 p 195-6

Wright, Louis Booker. Shakespeare's theatre and the dramatic tradition. (Folger booklets on Tudor and Stuart civilization) Folger Shakespeare lib. '58 p 17-19 annot

Ireland

History

Clark, William Smith. Early Irish stage, the beginnings to 1720. Oxford '55 p210-17

THEATER—Continued

Italy

- Duchartre, Pierre Louis. *La commedia dell'arte et ses enfants*; préf. de Jean-Louis Barrault. Eds. d'art & industrie '55 p281-6
 Tanfani, C. E. *Bibliografia 1945-1953*. (In *Quinquanta anni di teatro in Italia*; a cura del Centro di ricerche teatrali; redazione Giulio Pacuvio. Bestetti '54 p 135-67)

Japan

- Ernst, Earle. *Kabuki theatre*. Oxford '56 p288-90 annot

Latin America

- Arrom, José Juan. *El teatro de Hispanoamérica en la época colonial*. Anuario bibliográfico cubano '56 p 215-25

Latvia

- Kundziņš, K. *Latviešu teātra repertuārs līdz 1940*; gadam. Latvijas PSR Zinātņu akadēmijas izdevniecība '53 p215-19

New York (city)

- Moody, Richard. *Astor Place riot*. Ind. univ. press '58 p237-43 annot

Poland

- Maciejewska, Maria. *Krystyna*. and Polakowska, Anna. *Czasopisma teatralne dziesięciolecia 1944-1953*; bibliog. zawartości. (Materiały do dziejów teatru w Polsce, v3) Zakład im. Ossolińskich '56 p xiv-xv
 Straus, Stefan. *Bibliografia źródeł do historii teatru w Polsce*; druki zwarte i ulotne. Zakład im. Ossolińskich '57 495p

Rome

- Beare, William. *Roman stage; a short history of Latin drama in the time of the republic*. 2d ed Methuen '55 p346-52

Russia

- Bradshaw, Martha, ed. *Soviet theaters, 1917-1941*; a coll. of articles by Yosyp Hirniak [and others]. (Studies on the U.S.S.R, no7) Research program on the U.S.S.R. '54 p339-42
 Gorchakov, Nikolaï Aleksandrovich. *Theater in Russia*; tr. by Edgar Lehrman. (Columbia Slavic studies) Columbia univ. press '57 p45-9
 Rühle, Jürgen. *Das gefesselte theater: vom revolutionstheater zum sozialistischen realismus*. Kiepenheuer & Witsch '57 p443-8

Sweden

- Cramér, Carl. *Amatörteatern i Sverige*. Svenska kulturförlaget '52 incl bibliog

United States

- Adams, Henry Welch. *Montgomery theatre, 1822-1835*. (Ala. Univ. Studies, no9) Univ. of Ala. press '55 p68-71
 Barrett, Elizabeth P. *Literature of the American theatre, 1945-1956*. (Service pamphlet. June 1957) ANTA nat. theatre service '57 10p
 Gard, Robert Edward, and Burley, Gertrude S. *Community theatre; idea and achievement*. Duell '59 p 145-7
 Gassner, John ed. *Best American plays*; 4th ser, 1951-1957. Crown '58 p642-4 annot
 Moody, Richard. *America takes the stage; romanticism in Am. drama and theatre, 1750-1900*. Ind. univ. press '55 p257-64
 —Same. (Ind. univ. Pubs. Humanities ser, no34) Ind univ. press '55 p257-64

History

- Hewitt, Barnard Wolcott. *Theatre U.S.A., 1668 to 1957*. McGraw '59 p506-13

White Russia

- Seduro, Vladimir. *Byelorussian theater and drama*; ed. by Edgar H. Lehrman; foreword by Ernest J. Simmons. (Studies on the U.S.S.R, no 10) Research program on the U.S.S.R. '55 p428-80

THEATER, Children's

- Lewis, G. L. *Children's theatre and creative dramatics: a bibliography*. Educ Theatre J 7:138-44 My '55

THEATRICAL libraries

- White, G. W. *Theatre library association matures*. Lib J 82:2488-9 O 15 '57

THEATRICALS, Amateur. See Amateur theatricals

THEMATIC apperception test

- Bellak, Leopold, and Bristol, Marjorie. *Thematic apperception test and the children's apperception test in clinical use*. Grune '54 p269-72
 Dana, R. H. *Selection of abbreviated TAT sets*. J Clin Psychol 12:39-40 Ja '56
 Lindzey, G. and Heinemann, S. H. *Thematic apperception test: individual and group administration*. J Personality 24:54-5 S '55
 Magnusson, David. *Study of ratings based on TAT*. Swedish council for personnel adm. '59 p 173-6
 Murstein, B. I. *Conceptual model of projective techniques applied to stimulus variations with thematic techniques*. J Consult Psychol 23:13-14 F '59
 Ohlsen, M. M. and Schulz, R. E. *Projective test response patterns for best and poorest student teachers*. Educ & Psychol Meas 15:26-7 Spring '55

THEMES (in literature) See Literature—Themes, motives

THEODOLITES

- Löser, Hans Georg. *Die regelmässigen und zufälligen fehler bei der orientierung nach sonnenhöhen und feldmess-theodoliten*. (Veröffentlichung. Reihe C: Dissertationen, no 10) Deutsche geodätische kommission, Bayerische akad. der wissenschaften '53 p 108-20

THEOLOGICAL education. See Theology—Study and teaching

THEOLOGY

- Aufsätze und bücher. See numbers of Scholastik
 Bibliografisch gedeelte. See numbers of Nederlands theologisch tijdschrift
 Bibliographie. See numbers of Freiburger zeitschrift für philosophie und theologie
 Bulletin de théologie ancienne et médiévale.
 Abbaye du Mont César. See numbers
 Cahill, John. *Development of the theological censures after the Council of Trent, 1563-1709*. (Studia friburgensia, New ser, 10) Univ. press '55 p 190-2
 Cameron, Kenneth. *Walter, Index of the pamphlet collection of the Diocese of Connecticut*. The historiographer '58 169p
 Dibon, Paul. *Le fonds néerlandais de la Bibliothèque académique de Herborn*. (Akad. van wetenschappen, Amsterdam. Afdeling voor de taal-, letter-, geschiedkundige en wijsgeerige wetenschappen, Verslagen en mededeelingen, new ser, v20, no 14) Noord-Hollandsche uitg. mij. '57 165p
 Hordern, William. *Layman's guide to protestant theology*. Macmillan '55 p216-18
 Institute of Christian education at home and overseas. *Bibliography for the use of teachers of religious knowledge*. 4th rev ed Religious education press '54 56p
 Münster. Universität. Katholisch-theologische fakultät. *Dissertationen in den jahren 1940-1956*. Westfälische vereinsdruckerei '56 80p
 Noguez, Léon. *Essai de bibliographie générale à l'usage du clergé*, new rev ed (Questions pastorales, sér B) Union des œuvres catholiques de France '53 32p
 Notices bibliographiques. See numbers of Revue des sciences philosophiques et théologiques
 Periodical review. See numbers of Bibliotheca sacra
 Pierce, M. Edith. *Basic religious books and chaplain services*. (PACAF basis bibliogs) The author '58 20p
 Recensionen des revues. See numbers of Revue des sciences philosophiques et théologiques
 Religious and theological abstracts. Theological pub. inc. See numbers
 Richmond, Union theological seminary. *Essential books for a pastor's library; basic and recommended works, sel. and annot. by the faculty of Union theological seminary*. 2d ed The seminary '55 54p
 Smith, W. M. *Some recently published (1950, 1952) bibliographies in books of biblical interpretation, theology, and church history*. Fuller Lib Bul no 17-18:3-13 Ja '53

- Survey of recent philosophical and theological literature. See numbers of Hibbert journal
 Theologische literaturzeitung. Evangelische verlagsanstalt. See numbers
 Theologische und philosophische doktordissertationen der Universität Freiburg 1953-1954[-1956-1957] Freiburger Z Philos & Theol 1:465-6; 2:507-8; 3:461; 4:473-96 '54-'57

- Teologisk litteratur. See numbers of Svensk teologisk kvartalskrift

THEOLOGY—Continued

Thèses de doctorat concernant les sciences philosophiques et théologiques soutenues en France pendant l'année 1953[1-1958] R Sci Philos & Théol 38:381-3; 39:173-5; 40:386-8; 41:370-3; 42:371-4; 43:564-8 Ap '54, Ja '55, Ap '56, Ap '57, Ap '58, Jl '59

Thèses de doctorat et mémoires de licence soutenus devant la Faculté de théologie de Lille en 1955[1-1957 et 1958] Mélanges Sci Relig 12:209-14; 14:115-18; 15:143-52 N '55, My '57, N '58

Völker, Walther. Der wahre gnostiker nach Clemens Alexandrinus. (Texte und untersuchungen zur geschichte der altchristlichen literatur, v57 (ser5, v2)) Akademie-verlag '52 p ix-xix

Williams library, London. Catalogue of accessions, 1900-1950; being a catalogue of bks. pub. and added to the lib. during that period; ed. for the trustees by Doris M. Johnson. Dr. William's trust '55 776, cxlv p

Zeitschriftenschau. See numbers of Theologische zeitschrift

See also

Christianity
Love (theology)
Natural theology
Religion
Religion and science
Salvation
Sin

Bibliography

Ivers, E. F. X. Bibliography and Catholic theology. Cath Lib World 27:278-9 Mr '56

History

Hocedez, Edgar. Histoire de la théologie au XIX^e siècle. (Museum Lessianum. Sec. théologique, no43-45) Edition universelle '47-'52 3v incl bibliog

Smith, W. M. Supplement to Bernard Ramm's An annotated bibliography of the history of theology from Schleiermacher till 1951. Fuller Lib Bul no 17-18:14-16 Ja '53

Study and teaching

Mueller, William Arthur. History of Southern Baptist theological seminary. Broadman '59 p245-50

Early church

Comptes rendus et notes bibliographiques. See numbers of Recherches de théologie ancienne et médiévale

Middle ages

Comptes rendus et notes bibliographiques. See numbers of Recherches de théologie ancienne et médiévale

THEOLOGY, Doctrinal

Berkouwer, Gerrit Cornelis. Triumph of grace in the theology of Karl Barth. Eerdmans '56 p395-403

Bernard, Régis. L'image de Dieu d'après saint Athanase. (Théologie, 25) Aubier '52 p 149-52

Cunningham, Francis L. B. Indwelling of the Trinity; a historico-doctrinal study of the theory of St Thomas Aquinas. (Aquinas lib) Priory press '55 p378-93

De Wolf, Lotan Harold. Case for theology in liberal perspective. Westminster press '59 p201-2

Gy, P. M. and others. Bulletin de théologie dogmatique. R Sci Philos & Théol 39:687-710; 41:519-67 O '55, Jl '57

Klamroth, Erich. Lutherischer glaube im denken der gegenwart. Töpelmann '53 p 158-62

Kraus, Clyde Norman. Dispensationalism in America; its rise and development. Board of Christian education (Southern church) '59 p 137-40

Kulper, Herman. By Grace alone; a study in soteriology. Eerdmans '55 p 157-9

Leavenworth, Lynn, ed. Great themes in theology; study papers prepared for Am. Baptist theological conferences. Judson press '58 incl bibliog

Mascall, Eric Lionel. Via media; an essay in theological synthesis. Longmans '56 p 166-8

Preus, Robert. Inspiration of scripture; a study of the theology of the seventeenth century Lutheran dogmatists. Oliver '55 p212-16

Williams, Daniel Day. What present-day theologians are thinking. rev ed Harper '59 p 182-6

See also

Baptism
Bible—Theology
Bible. Old Testament—Theology
Bible. New Testament—Theology
Eschatology
God
Grace (theology)
Holy Spirit
Incarnation
Jesus Christ
Liturgies
Lord's supper
Man (theology)
Mary, Virgin—Theology
Neo-orthodoxy
Perfection (theology)
Predestination
Repentance
Revelation
Sacraments
Trinity
Worship

History

Camelot, P. T. and others. Bulletin d'histoire des doctrines chrétiennes. R Sci Philos & Théol 39:297-322, 484-536; 40:566-96; 41:274-300; 42:532-77 Ap-Jl '55, Jl '56, Ap '57, Jl '58

Middle ages

Robilliard, J. A. and others. Bulletin d'histoire des doctrines médiévales. R Sci Philos & Théol 39:423-83; 40:754-80; 41:116-78 Jl '55, O '56, Ja '57

THEOLOGY, Dogmatic. See Theology, Doctrinal

THEOLOGY, Pastoral

Allan, Tom. Face of my parish. (RBC ed, no 101) SCM press '54 p 119-22

THEOLOGY, Practical

Vajta, Vilmos. Die theologie des gottesdienstes bei Luther. Svenska kyrkans diakonistyrelses bokförlag '52 p361-72

THEOLOGY, Systematic. See Theology, Doctrinal

THEOPHRASTUS, d 287 B.C.

Barbotin, Edmond. La théorie aristotélicienne de l'intellect d'après Théophraste. (Louvain. Univ. catholique. Inst. supérieur de philosophie (Ecole Saint Thomas d'Aquin) Aristote; traductions et études) Pubs. univ. de Louvain '54 p7-30

THEOSOPHY

See also

Vedanta
Yoga

THERAPEUTIC reading. See Bibliotherapy

THERAPEUTICS

Drugs of choice, 1958/59. Mosby '58 incl bibliog

Goodman, Louis Sanford, and Gilman, Alfred Zack. Pharmacological basis of therapeutics; a textbk. of pharmacology, toxicology, and therapeutics for physicians and medical students. 2d ed Macmillan '55 incl bibliog

See also

Bibliotherapy
Drugs
Psychotherapy

THERAPEUTICS, Physiological

See also

Carbon dioxide—Therapeutic use
Chemotherapy
Diet in disease
Occupational therapy
Physical therapy
Radioactive tracers—Therapeutic use
Radiotherapy
Shock therapy
Thermotherapy

THERAPEUTICS, Suggestive. See Psychotherapy

THERMAL analysis

Bowen, Charles Henry. Data for interpretation of differential thermal curves. (Engineering experiment station. Circ. no56; Engineering ser, v23, no3) Ohio State univ. '54 p9-11

Lehmann, Hans, and others. Die differentialthermoanalyse. (Tonindustrie-zeitung und keramische rundschau, Sup 1) Hübener '53 p 11-23

Murphy, C. B. Differential thermal analysis. Anal Chem 30:871-2 Ap '58

THERMAL analysis—Continued

- Smothers, William Joseph, and Chiang, Yao. Differential thermal analysis: theory and practice. Chemical pub. co. '58 p 148-293
- Weeks, W. F. Heats of formation of metamorphic minerals in the system $\text{CaO-MgO-SiO}_2\text{-H}_2\text{O}$ and their petrological significance. *J Geol* 64:471-2 S '56

THERMAL waters. See Hot springs

THERMIONIC valves. See Vacuum tubes

THERMISTORS. See Electric resistors

THERMOCHEMISTRY

- Bennington, K. O. Energy transfer from differentiation in a differential pressure system under non-equilibrium conditions. *J Geol* 67:195-7 Mr '59
- Krauskopf, K. B. Heavy metal content of magmatic vapor at 600°C. *Econ Geol* 52:807 N '57
- Northwestern university, Evanston, Illinois. Proceedings of the gas dynamics symposium on aerothermochemistry, August 22, 23, 24, 1955; ed. Donald K. Fleming. The university '56 incl bibliog

See also

Combustion
Heat
Pyrolysis
Thermal analysis

THERMODURIC bacteria. See Bacteria, Thermoduric

THERMODYNAMICS

- Bennett, C. O. and Smith, J. M. Thermodynamics. *Ind & Eng Chem* 47:669-70; 48:682-4 Mr '55, Mr '56
- Bersnader, D. Laboratory studies of missile re-entry aero-thermodynamics. *I S A J* 5:71 N '58
- Din, F. ed. Thermodynamic functions of gases. Butterworth '56 2v incl bibliog
- Faires, Virgil Moring. Thermodynamics; 3d ed. of Applied thermodynamics. Macmillan '57 p520-4
- Gotusso, G. La teoria dello strato limite nel caso tridimensionale. *Aerotecnica* 36:111 Ap '56
- Hutchinson, F. W. Thermodynamics of heat-power systems. (Addison-Wesley ser. in mechanical engineering) Addison-Wesley '57 p471-2
- Mackey, Charles Osborn, and others. Engineering thermodynamics. Wiley '57 incl bibliog
- Marble, F. E. Flame theory and combustion technology. *J Aero Sci* 23:468 My '56
- Mooney, David Alfred. Introduction to thermodynamics and heat transfer. Prentice-Hall '55 incl bibliog
- Northwestern university, Evanston, Illinois. Proceedings of the gas dynamics symposium on aerothermochemistry, August 22, 23, 24, 1955; ed. Donald K. Fleming. The university '56 incl bibliog
- Potter, J. H. Third law of thermodynamics: a half-century appraisal of the Nernst heat theorem. *Am Soc Mech Eng Trans* 80:902-3 My '58
- Priestley, Charles Henry Brian. Turbulent transfer in the lower atmosphere. Univ. of Chicago press '59 p 117-25
- Rogers, Gordon Frederick Crichton, and Mayhew, Yon Richard. Engineering thermodynamics; work and heat transfer. Longmans '57 p597-600
- Rossini, Frederick Dominic, ed. Thermodynamics and physics of matter. (High speed aerodynamics and jet propulsion, v 1) Princeton univ. press '55 incl bibliog
- Smith, J. M. Thermodynamics. *Ind & Eng Chem* 49:588-9; 50:566-8; 51:478-80; Mr '57, Mr '58, Mr '59
- Sweigert, Ray Leslie, and Goglia, Mario J. Thermodynamics. Ronald '55 incl bibliog
- Wilson, Alan Herries. Thermodynamics and statistical mechanics. Cambridge '57 incl bibliog

See also

Heat pumps

THERMOELECTRICITY

- Jaumot, F. E. Thermoelectric effects. *Inst Radio Eng Proc* 46:553-4 Mr '58
- Thermoelectric cooling guide. *Refrig Eng* 66:51+- S '58
- Thermoelectricity abstracts. U.S. Naval research laboratory. See numbers

See also

Pyro- and piezo-electricity

THERMOMETERS and thermometry

- Hall, J. G. and Hertzberg, A. Recent advances in transient surface temperature thermometry. *Jet Propulsion* 28:722-3 N '58
- Woodside, W. Probe for thermal conductivity measurement of dry and moist materials. *Heating Piping* 30:170 S '58

See also

Calorimeters and calorimetry
THERMONUCLEAR reactions. See Nuclear fusion

THERMOPHILIC bacteria. See Bacteria, Thermophilic

THERMOTHERAPY

- Licht, Sidney, ed. Therapeutic heat. (Physical medicine lib. v2) Licht '58 incl bibliog

THESES. See Dissertations, Academic

THEVENAZ, Pierre, 1913-

- Thévenaz, Pierre. L'homme et sa raison. (Être et penser; cahiers de philosophie, 46-47) Eds. de la Baconnière '56 2v v2, p 179-90

THIAMIN

- Dick, E. C. and others. Thiamine requirement of eight adolescent boys, as estimated from urinary thiamine excretion. *J Nutrition* 66:186-8 O '58

THICKNESS measurement

- Keinath, George. Measurement of thickness (U.S. Nat. bur. of standards. Circ. 585) U.S. Gov. ptg. office '58 p69-74

THINNING of forests. See Forest thinning

THIOURACIL

- Porter, C. A. and Weinstein, L. H. Biochemical changes induced by thiouracil in cucumber mosaic virus-infected and non-infected tobacco plants. *Boyce Thompson Inst Contrib* 19:104-6 Jl '57

THIRST

- Wolf, Arnold Vervl. Thirst: physiology of the urge to drink and problems of water lack. *Thomas* '58 p467-509

THOM, Charles, 1872-1956

- Raper, K. B. Charles Thom, 1872-1956. *Mycologia* 49:145-50 Ja '57

THOMAS Aquinas, Saint, 1225?-1274

- Cunningham, Francis L. B. Indwelling of the Trinity; a historico-doctrinal study of the theory of St Thomas Aquinas. (Aquinas lib) Priory press '55 p378-93

- Dedek, John F. Experimental knowledge of the indwelling Trinity: an historical study of the doctrine of St Thomas. (Dissertationes ad lauream, 80) Faculty of theology, St Mary of the Lake seminary '58 p 156-67

- Gilson, Etienne Henry. Christian philosophy of St Thomas Aquinas; with a catalogue of St Thomas's works by I. T. Eschmann; tr. by L. K. Shook. Random house '56 p381-439

- Lais, Hermann. Die gnadenlehre des hl. Thomas in der Summa contra gentiles und der Kommentar des Franziskus Sylvester von Ferrara. (Münchener theologische studien, 2. Systematische abt, v3) Zink '51 p xi-xvi

- Rossi, Giovanni Felice. Antiche e nuove edizioni degli opuscoli di san Tommaso d'Aquino e il problema della loro autenticità. (Monografie, no22) Collegio Alberoni '55 73p

- Van Roo, William A. Grace and original justice according to St Thomas. (Analecta gregoriana, v75) Univ. gregoriana '55 p203-6

THOMAS, Dylan, 1914-1953

- Fraser, George Sutherland, Dylan Thomas. (Bibliog. ser. of sups. to British bk. news, no90) Longmans '57 p35-6

- Rolph, John Alexander, Dylan Thomas: a bibliography; foreword by Edith Sitwell. New directions '56 108p

THOMAS, Hugh Owen, 1834-1891

- Keith, Sir Arthur. Menders of the maimed; the anatomical & physiological principles underlying the treatment of injuries to muscles, nerves, bones & joints. Lippincott '52 p61-2

THOMASIIUS, Christian, 1655-1728

- Lieberwirth, Rolf. Christian Thomasius, sein wissenschaftliches lebenswerk; eine bibliographie. (Thomasiana, no2) Böhlau nachfolger '55 213p

THOMPSON, Benjamin, 1843-1884

- Streeter, Floyd Benjamin, Ben Thompson, man with a gun; with an introd. by William F. Kelleher. Fell '57 p211-17

THOMPSON, Francis, 1859-1907

- Pope, M. P. Critical bibliography of works by and about Francis Thompson. N Y Pub Lib Bul 62:571-6; 63:40-9, 155-61, 195-204 N '58, Ja, Mr-Apr '59 annot

THOMSON, James, 1700-1748

- Thomson, James. Letters and documents; ed. by Alan Dugald McKillop. Univ. of Kan. press '58 p216-17

- THOMSON, William, 1819-1883**
Ford, Edward. Bibliography of William Thomson. The author '54 32p
- THORACIC surgery.** See Chest—Surgery
- THORAL, Marcel, 1900-1956**
Gauthier, H. Marcel Thoral. Soc Géol France Bul 6:620-4 Mr '58
- THOREAU, Henry David, 1817-1862**
Stoller, Leo. After Walden; Thoreau's changing views on economic man. Stanford univ. press '57 p 157-63

Bibliography

- Harding, Walter Roy. Thoreau handbook. N.Y. univ. press '59 p214-15 annot

THORIUM

- Cooper, Margaret. Bibliography and index of literature on uranium and thorium and radioactive occurrences in the United States; pt5: Connecticut, Delaware, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin. (Special papers, 67) Geological soc. of Am. '58 472p
- Fronde, Clifford. Systematic mineralogy of uranium and thorium. (U.S. Geological survey. Bul. 1064) U.S. Gov. ptg. office '58 p361-96
- Fronde, Clifford, and others. X-ray powder data for uranium and thorium minerals; a contribution to geochemistry. (U.S. Geological survey. Bul. 1036-G) U.S. Gov. ptg. office '56 p 152-3
- Grainger, L. Uranium and thorium. Pitman '58 p 196-9
- Koczy, F. F. and others. Mesure des isotopes du thorium dans l'eau de mer. *Geochimica & Cosmochimica Acta* 11:128-9 Ja '57
- Nininger, Robert D. Minerals for atomic energy; a guide to exploration for uranium, thorium, and beryllium. 2d ed Van Nostrand '56 incl bibliog
- Page, Lincoln Ridler, and others, comps. Contributions to the geology of uranium and thorium by the U.S. Geological survey and Atomic energy commission for the United Nations international conference on peaceful uses of atomic energy. Geneva, Switzerland, 1955. (U.S. Geological survey. Professional paper, 300) U.S. Gov. ptg. office '56 incl bibliog
- Prater, W. D. and others. Thorium; a bibliog. of pub. literature; ed. by Robert E. Allen. (U.S. Atomic energy comm. TID-3044 sup 1) Technical information service '55 296p
- United States. Atomic energy commission. Thorium; a bibliog. of unclassified rep. literature. Technical information service extension '56 9p

Metallurgy

- Cuthbert, Frederick Leicester. Thorium production technology. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- THORIUM alloys**
Rough, Frank A. and Bauer, Arthur A. Constitutional diagrams of uranium and thorium alloys. (Addison-Wesley physics bks) Addison-Wesley '59 incl bibliog

THORIUM ores

- Volborth, A. Identification tables for uranium and thorium minerals. *Econ Geol* 53:307-8 Mv '58

THORNS

- Blaser, H. W. Morphology of the determinate thorn-shoots of *gleditsia*. *Am J Bot* 43:27-8 Ja '56

THOROUGH bass

- Keller, Hermann. Schule des generalbassspiels, mit auszügen aus den theoretischen werken von Praetorius, Niedt, Telemann, Mattheson, Heinichen, J. S. und Ph. E. Bach, Quantz und Padre Mattei, und zahlreichen beispielen aus der literatur des 17. und 18. jahrhunderts. (Bärenreiter-ausgabe, 490) Bärenreiter-verlag '50 121p

THORPE, Thomas Bangs, 1815-1878

- Rickels, M. Bibliography of the writings of Thomas Bangs Thorpe. *Am Lit* 29:171-9 My '57 annot

THOUGHT and thinking

- Betts, E. A. Research on reading as a thinking process. *J Educ Res* 50:13-15 S '56
- Bruner, Jerome Seymour, and others. Study of thinking; with an app. on language by Roger W. Brown. (Wiley pub. in psychology) Wiley '56 p313-21
- Flavell, J. H. and Draguns, J. Microgenetic approach to perception and thought. *Psychol Bul* 54:213-17 My '57

- Hiram, G. H. Experiment in developing critical thinking in children. *J Exp Educ* 26: 131-2 D '57
- Johnson, Donald McEwen. Psychology of thought and judgment. (Harper's psychological ser) Harper '55 incl bibliog
- Kogan, Zuce. Essentials in problem solving. 2d ed Arco '56 p 111-12

- Morse, Horace T. and McCune, George H. Selected items for the testing of study skills and critical thinking. 3d ed (Bul. no 15) Nat. council for the social studies '57 p75-80
- Patrick, Catharine. What is creative thinking? *Philosophical lib.* '55 p 194-203

- Rokeach, M. On the unity of thought and belief. *J Personality* 25:248-50 D '56

- Russell, David Harris. Children's thinking. Ginn '56 incl bibliog

- Smith, H. F. A. Reflective thinking—a unifying aim of secondary education. *High Sch J* 41:135-6 Ja '58

- Sochor, E. E. Nature of critical reading. *El Ensl* 36:55-8 Ja '59

See also

- Attention
Intellect
Logic
Meaning (psychology)
Memory
Problem solving
Reasoning
Rigidity (psychology)

THRESHOLD (psychology)

- Corso, J. F. Neural quantum theory of sensory discrimination. *Psychol Bul* 53:392-3 S '56

- Spielberger, C. D. Effects of stuttering behavior and response set on recognition thresholds. *J Personality* 25:44-5 S '56

See also

- Perceptual defense

THRIFT. See Saving and thrift

THRIPS

- Bryan, Douglas Everett, and Smith, Ray Fred. *Frankliniella occidentalis* (Pergande) complex in California (thysanoptera: thripidae) (Calif. Univ. Pubs. in entomology, v 10, no6) Univ. of Calif. press '56 p407-10

- Cott, Harold Edwin. Systematics of the suborder tubulifera (thysanoptera) in California. (Calif. Univ. Pubs. in entomology, v 13) Univ. of Calif. press '56 p 199-210

- Stannard, Lewis Judson. Phylogeny and classification of the North American genera of the suborder tubulifera (thysanoptera). (Ill. biological monographs, no25) Univ. of Ill. press '57 p 145-58

THROAT

See also

- Larynx

Diseases

- Ash, James Earle, and Raum, Muriel. Atlas of otolaryngic pathology. *Am. registry of pathology* '56 incl bibliog

- Roberts, Sam Earl. Ear, nose and throat dysfunctions due to deficiencies and imbalances; with a foreword by Morris Fishbein. Thomas '57 incl bibliog

- Shepard, Mary Estelle. Nursing care of patients with eye, ear, nose, and throat disorders. Macmillan '58 p233-7

THROMBOSIS

- Gjöres, Jan Erik. Incidence of venous thrombosis and its sequelae in certain districts of Sweden [tr. from the Swedish by Erica Odelberg]. (Sup206) *Acta chirurgica scandinavica* '56 p82-8

- Halse, Theodor. Das postthrombotische syndrom; pathogenese, diagnostik, behandlung und verhütung der folgezustände nach akuter beinvenenthrombose. (Kreislauf-bücherei, v 13) Steinkopf '54 incl bibliog

- Schrader, Ernst August. Die klinik der arteriellen thrombosen im beckenbereich: pathogenese, untersuchungsmethoden, diagnostik und therapie. Springer '55 p 152-63

THRUSTS (geology) See Faults (geology)

THUCYDIDES, ca 471-400 B.C.

- Diesner, Hans Joachim. Wirtschaft und gesellschaft bei Thukydides. Niemeyer '56 p 183-93

- THUDICHUM, John Louis William, 1829-1901
Drabkin, David Lion. Thudichum, chemist of the brain. Univ. of Pa. press '58 p209-34

THUMB

Dislocation

- Gedda, Karl Ove. Studies on Bennett's fracture; anatomy, roentgenology, and therapy [from the Swedish by Lois Goldie-Kjellman] (Sup 193) Acta chirurgica Scandinavica '54 p 108-14

THUNBERG, Torsten Ludvig, 1873-1952

- To the memory of Torsten Thunberg. (Acta physiologica Scandinavica, v 30. Sup 111) Ohlsson '53 incl bibliog

THUNDERSTORMS

- Gunn, R. Electrification of precipitation and thunderstorms. Inst Radio Eng Proc 45: 1357-8 O '57

- Řihánek, Ladislav V. Bouřky a ochrana před bleskem (Československá akad. věd, Sekce technická. Studie a prameny, no 13) Nakl. Československé akad. věd. '57 incl bibliog
- Thuronyi, G. Selective annotated bibliography on thunderstorm sferics. Meteorol Abst & Bibliog 10:588-624 Ap '59

THURINGIA

Climate

- Koch, Horst Günther. Wetterheimatkunde von Thüringen. Fischer '53 p 172-7

THURSTONE, Louis Leon, 1887-1955

- Guilford, J. P. Louis Leon Thurstone, 1887-1955. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p361-82)

THYMINE

Physiological effect

See also

- Bacteria, Effect of thymine on

THYMUS gland

Surgery

- Bergh, Nils P. Thymectomy in the treatment of myasthenia gravis [tr. by L. James Brown] (Sup 173) Acta chirurgica Scandinavica '53 p59-62

THYROID gland

- Bileau, Sister Mary Claire. Uptake of I^{131} by the thyroid gland of turtles after treatment with thiourea. Biol Bul 111:202-3 O '56
- Cama, H. R. and others. Effect of thyroid activity on the conversion of carotene and retinene to vitamin A and on serum proteins. J Nutrition 63:532-3 D '57
- Carpenter, E. and others. Uptake of I^{131} by embryonic chick thyroid glands in vivo and in vitro. J Exp Zool 127:263-4 N '54

- Dimond, Sister M. T. Reactions of developing snapping turtles, chelydra serpentina serpentina (Linné) to thiourea. J Exp Zool 127:107-10 O '54
- Einhorn, Jerzy. Studies on the effect of thyrotropic hormone on the thyroid function in man. (Sup 160) Acta radiologica '58 p99-107

- Harris, J. P. Review of pertinent literature on the thyroid of urodela with special reference to neoturus. Field & Lab 24:31-6 Ja '56
- Pipes, G. W. and Turner, Charles Wesley. Effect of thyroxine on thyroid function. (Research bul. 617) Agricultural experiment station, Univ. of Mo. '56 p51-5

- Schmidt, A. J. Forelimb regeneration of thyroidectomized adult newts. J Exp Zool 137:224-6 Mr '58
- Schmidt, A. J. Thyroid function in the northwestern salamander, ambystoma gracile (Baird) J Exp Zool 133:556-8; 137:224-6; 139:125-7 D '56, Mr. O '58

- Shellabarger, C. J. Comparison of triiodothyronine and thyroxine in the chick goiter-prevention test. Poultry Sci 34:1439-40 N '55
- Waterman, A. J. and Gorbman, A. Development of the thyroid gland of the rabbit. J Exp Zool 132:535-8 Ag '56

- Werner, Sidney C. ed. Thyroid; a fundamental and clinical text, with sixty contributors. Hoeber '55 incl bibliog

See also

- Parathyroid glands
Thyroxine

Cancer

- Schlumberger, H. G. Spontaneous goiter and cancer of the thyroid in animals. Ohio J Sci 55:41-3 Ja '55

Diseases

- See also
Goiter

Diagnosis

- Saarenmaa, Erkki. Significance of biochemical and histological functional diagnosis in diseases of the thyroid gland; tr. by Aune Tuomikoski. (Sup207) Acta chirurgica Scandinavica '56 p71-5

Surgery

- Blondin, Sylvain. Chirurgie du corps thyroïde. (Monographies chirurgicales. Coll. Henri Mondor) Masson '55 incl bibliog
- Rustad, William H. Recurrent laryngeal nerves in thyroid surgery. Thomas '56 p45-7

THYROXINE

- Pipes, G. W. and Turner, Charles Wesley. Effect of thyroxine on thyroid function. (Research bul. 617) Agricultural experiment station, Univ. of Mo. '56 p51-5

THYSANOPTERA. See Thrips

- TIBERIUS, emperor of Rome, 42 B.C.-A.D.37
Marañón, Gregorio. Tiberius, the resentful Caesar; with a foreword by Ronald Syme; tr. by Warre Bradley Wells. Duell '56 p231-4

TIBET

- Li, Tieh-tseng. Historical status of Tibet. King's crown press '56 p291-306
- Mehra, P. L. Tibet and Russian intrigue. Roy Cent Asian Soc J 45:37-42 Ja '58

Religion

- Hoffmann, Helmut. Die religionen Tibets: Bon und Lamaismus in ihrer geschichtlichen entwicklung. Alber '56 p 191-2
- Snellgrove, David L. Buddhist Himalaya; travels and studies in the origins and nature of Tibetan religion. Philosophical lib. '57 p303-5

TIBETAN manuscripts. See Manuscripts, Tibetan

TIBIANUS, Joannes Georgius, 1541?-1611

- Oehme, Ruthardt. Joannes Georgius Tibianus; ein beitzug zur kartographie und landesbeschreibung Südwestdeutschlands im 16. jahrhundert; mit einer wiedergabe der Bodensee- und Schwarzwaldkarte Tibians aus dem jahre 1603. (Forschungen zur deutschen landeskunde, v91) Bundesanstalt für landeskunde '56 p 144-54

TIC

- Yates, A. J. Application of learning theory to the treatment of tics. J Abnorm & Social Psychol 56:182 Mr '58

TICKS

- Arthur, D. R. Ixodes ticks of chiroptera (Ixodoidea, ixodidae) J Parasitol 42:95-6 Ap '56
- Darsie, R. F. Geographical distribution and hosts of ixodes texanus Banks (acarina, ixodidae) Entom Soc Am Ann 50:301 My '57

- Gregson, John D. Ixodoidea of Canada. (Canada. Dept. of agriculture. Entomology div. Science service. Pub. 930) Queen's printer '56 p61-6

- Hoogstraal, Harry. African ixodoidea. The author '56 p912-1101

- Maryland. University. Institute of acarology. Ticks, or ixodides, of the U.S.S.R.; a review of the literature, by George Anastos. (Pub. no 548) U.S. Public health service '57 397p
- Neitz, W. O. Consolidation of our knowledge of the transmission of tick-borne diseases. Onderstepoort J Vet Res 27:123-37 O '56

- Roulston, W. J. Effects of some chlorinated hydrocarbons as systemic acaricides against the cattle tick, boophilus microplus (Canestrini) Australian J Ag Res 7:622-4 N '56

- Theiler, G. Zoological survey of the Union of South Africa. Onderstepoort J Vet Res 27: 248-9, 259-60, 266 O '56

TIDAL currents. See Ocean currents

TIDAL power

- United nations. Department of economic and social affairs. New sources of energy and economic development: solar energy, wind energy, tidal energy, geothermic energy and thermal energy of the seas. The organization '57 p 119-50

TIDE waters

- United States. Waterways experiment station, Vicksburg, Mississippi. Bibliography on tidal hydraulics. (U.S. Army. Corps of engineers. Com. on tidal hydraulics. Rep. no2) The station '54 208p

TIDES

- Dronkers, J. J. and Schonfeld, J. C. Tidal computations in shallow water. Am Soc Civil Eng 81 [no 714]:49-50 Je '55

TIDES—Continued

Rice, M. L. Recent literature on waves, current and swell. *Meteorol Abst & Bibliog* 9:472-503 Ap '58

See also

Tidal power

TIEGS, Oscar Werner, 1897-1956

Pantin, C. F. A. Oscar Werner Tiegs, 1897-1956. (In *Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society* '57 p253-5)

TIEPOLO, Giovanni Battista, 1696-1770

Morassi, Antonio. G. B. Tiepolo: his life and work. *Phaidon* '55 p 141-2

TIERRA DEL FUEGO

Fochler-Hauke, G. Besiedlungsgang und wirtschaftsprobleme in Feuerland. *Petermanns Geog Mitt* 100 no2:114 '56

TILLAGE

Wells, C. B. Practice of sub-soiling. *Australian Inst Ag Sci J* 22:250-1 D '56

See also

Plows

TILLICH, Paul, 1886-

Leibrecht, Walter, ed. Religion and culture; essays in honor of Paul Tillich [bibliog. by Peter John] *Harper* '59 p367-96

TIMBER

Timber engineering company. Timber design and construction handbook. *Dodge* '56 p562-4

Titmuss, F. H. Concise encyclopedia of world timbers. *Philosophical lib.* '59 p255-9

United States. Forest service. Timber resources of America's future. (Forest resource rep. no 14) U.S. Gov. ptg. office '58 p702-4

See also

Forests and forestry

Lumber

Lumbering

Wood

TIMBER borers. See Wood borers

TIMBER line

Hermes, Karl. Die lage der oberen waldgrenze in den gebirgen der erde und ihr abstand zur schneegrenze. (Köln geographische arbeiten, no5) *Geographisches inst. Univ. Köln* '55 incl bibliog

TIMBER surveys. See Forest surveys

TIME

See also

Periodicity

Space and time

TIME measurements

Bulletin trimestriel signalétique de documentation de chronométrie générale. See numbers of *Annales françaises de chronométrie* Congrès international de chronométrie, Paris, 1954. Procès-verbaux et mémoires, recueillis par Paul Libessart et présentés par René Baillaud. *Observatoire nat. de Besançon* '55-56 3v incl bibliog

London. Science museum. Science library. Some references on accurate time keeping, 1945-1954. (Bibliog. ser, no737) *The library* '55

See also

Clocks and watches

TIME perception

Frankenhausen, Marianne. Estimation of time; an experimental study. *Almqvist* '59 p 131-5

TIME series analysis

Abelson, Robert P. Spectral analysis and the study of individual differences in the performance of routine, repetitive tasks. Educational testing service '53 3p at end

Grenander, Ulf, and Rosenblatt, Murray. Statistical analysis of stationary time series. (Wiley pub. in mathematical statistics) *Wiley* '57 p294-8

Meredith, H. V. Time series analysis of growth in nose height during childhood. *Child Develop* 29:32-4 Mr '58

Weinstein, A. S. Increasing the effective length of short time-series for the purpose of estimating autoregressive parameters. *Am Stat Assn J* 50:921-2 S '55

See also

Harmonic analysis

TIME study

Abruzzi, Adam. Work, workers and work measurement. *Columbia univ. press* '56 p303-10

Barnes, Ralph Mosser. Motion and time study. 4th ed *Wiley* '58 p641-53

Gomberg, William. Trade union analysis of time study; with a foreword by David Dubinsky. 2d ed (Prentice-Hall industrial relations and personnel ser) *Prentice-Hall* '55 p287-306

Heiland, Robert E. and Wallace, J. Richardson. Work sampling. *McGraw* '57 p223-5

Mundel, Marvin Everett. Motion and time study; principles and practice. 2d ed *Prentice-Hall* '55 p541-63

Nadler, Gerald. Motion and time study. *McGraw* '55 p579-85

Purdue university. Agricultural experiment station. Agricultural work simplification review. (Mimeo EC 133, issue 24) *The station* '56 p28-34

Williams, D. A. and Sterling, M. E. Time and motion study in the construction industry; a sel. annot. bibliography. (T.I.S. rep. no57) Technical information service, Nat. research council, Canada '58 8p

See also

Motion study

TIMON-DAVID, Joseph, 1823-1891

Sauvagnac, Roger. La pédagogie spirituelle du père Timon-David; nature et surnaturel dans l'éducation chrétienne. *Procure Timon-David* '54 p35-52

TIMOR, Dutch

Ormeling, Ferdinand Jan. Timor problem; a geographical interpretation of an underdeveloped island. *Wolters* '55 p255-69

TIN

Ahlfeld, Friedrich. Zinn und wolfram. (Die metallischen rohstoffe, v 11) *Enke* '58 incl bibliog

International tin research council. Annual report, 1957. *Tin research inst.* '58? p33-6

Nekervis, R. J. and MacIntosh, R. M. Tin and its alloys. *Ind & Eng Chem* 47:2039-40; 48:1792-3; 49:1655-7; 50:1491-2 S '55, S '56, S '57, S '58

Pennsylvania. State college. Division of mineral economics. Materials survey on tin; prepared for the National security resources board under contract to the National production authority. U.S. Gov. ptg. office '53 incl bibliog

TIN alloys

Nekervis, R. J. and MacIntosh, R. M. Tin and its alloys. *Ind & Eng Chem* 47:2039-40; 48:1792-3; 49:1655-7; 50:1491-2 S '55, S '56, S '57, S '58

TIN compounds

Hedges, E. S. Reviewing organotin compounds. *Tin Uses* 38:9-10 Spring '57

TIN plate

Hoare, W. E. Development of production and manufacture of electro-tin plate. *Tin Res Inst Pub* 192:30-2 Mr '51

TINWARE

Powers, Beatrice Farnsworth, and Floyd, Olive. Early American decorated tinware with designs and practical directions; foreword by Kathryn C. Buler. *Hastings house* '57 p254-62

TIPHIIDAE

Given, Bruce Boucher. Catalogue of the thynninae (tiphiidae, hymenoptera) of Australia and adjacent areas. (Bul. 109) *N.Z. Dept. of scientific & industrial research* '54 p82-9

TIRES, Rubber

Woods, E. C. Pneumatic tyre design. (Inst. of the rubber industry. Monograph 1) *Heffer* '52 p86-7

TISSERANT, Eugène, cardinal, 1884-

Recueil cardinal Eugène Tisserant: Ab oriente et occidente; publié par Sever. Pop let all (Travaux, no 1-2) *Centre int. de dialectologie générale* '55 2v v 1, p 13-21

TISSUES

Conference on dynamics of proliferating tissues, Upton, New York, 1956. Dynamics of proliferating tissues, edited by Dorothy Price. (Developmental biology conference ser, 1956) *Univ. of Chicago press* '58 p89-96

Dju, M. Y. and others. Vitamin E (tocopherol) in human tissues from birth to old age. *Am J Clin Nutrition* 6:59-60 Ja '58

Hillman, R. W. Relation of age and body weight to the frequency of local tissue changes suggestive of malnutrition. *Am J Clin Nutrition* 7:173-4 Mr '59

Martin, A. W. and Fuhrman, F. A. Relationship between summated tissue respiration and metabolic rate in the mouse and dog. *Physiol Zool* 28:33-4 Ja '55

Peterson, D. W. Plant sterols and tissue cholesterol levels. *Am J Clin Nutrition* 6: 647-9 N '58

TISSUES—Continued

Trinkaus, J. P. Differentiation of tissue cells. *Am Natur* 90:286-9 S '56

See also

Connective tissues
Ectoderm
Histology

Cultures and culture media

Hardy, M. H. and Lyne, A. G. Studies on the development of wool follicles in tissue culture. *Australian J Biol Sci* 9:573-4 N '56

Kimura, Ren. Tissue culture as applied especially within bacteriology and immunology. *Munksgaard* '53 p241-73

Morgan, J. F. Tissue culture nutrition. *Bact R* 22:38-45 Mr '58

Willmer, Edward Nevill. Tissue culture: the growth and differentiation of normal tissues in artificial media. 3d ed rev (Methuen's monographs in biological subjects) Wiley '58 p 155-84

TITANATES

United States. Naval ordnance test station, Inyokern, California. Research department. Ferroelectrics of barium titanate type, a bibliography; articles appearing in open literature only, with abstracts, comp. by L. O. Anderson. Office of technical services, U.S. Dept. of commerce '5-? 79p

See also

Barium titanate

TITANIUM

American society for testing materials. Symposium on titanium [papers] presented at the 2d Pacific area meeting [of the] Society, Los Angeles, Calif, Sept. 17 and 18, 1956. (Special technical pub. no204) The society '57 incl bibliog

Beall, Robert A. and others. Production of titanium castings. (Rep. of investigations 5265) U.S. Dept. of the interior '56 p40-2

Bomberger, H. B. Titanium. *Ind & Eng Chem* 47:2043; 48:1797; 49:1662; 50:1495 S '55, S '56, S '57, S '58

Buddington, A. F. and others. Thermometric and petrogenetic significance of titaniferous magnetite. *Am J Sci* 253:529-32 S '55

Lawthers, Robert, and Mark, Helen R. Bibliography of titanium deposits of the world: contributions to bibliog. of mineral resources. (U.S. Geological survey. Bul. 1019-G) U.S. Gov. ptg. office '57 543-608p

Miller, Jesse A. Titanium; a materials survey. (U.S. Bur. of mines. Information circ. 7791) U.S. Gov. ptg. office '57 p 195-202

Titanium abstract bulletin. Metals div, Imperial chemical industries limited. See numbers

See also

Titanates

TITANIUM alloys

Jaffe, L. D. Hardenability of titanium alloys calculated from composition; a preliminary examination. *J Metals* 7:1248-9 N '55

TITANIUM chlorides

Rowe, L. W. and Opie, W. R. Production and purification of $TiCl_4$. *J Metals* 7:1192-3 N '55

TITANIUM tetrachloride. See Titanium chlorides**TITO, (Josip Broz)** 1892-

Maclean, Fitzroy Hew. Heretics: the life and time of Josip Broz-Tito. Harper '57 p425-7

TOADS

Utrecht. Hubrecht-laboratorium (Embryologisch instituut). Normal table of xenopus laevis (Daudin) a systematical and chronological survey of the development from the fertilized egg till the end of metamorphosis; ed. by P. D. Nieuwkoop and J. Faber. North-Holland '56 p 193-238

TOBACCO

Bentley, Herbert Ripley, and Berry, E. G. N. Constituents of tobacco smoke: an annot. bibliography. (Research papers, no3) Tobacco manufacturers' standing com. '59 49p

Clayton, E. E. Genetics and breeding progress in tobacco during the last 50 years. *Agron J* 50:355-6 JI '58

De Roo, Hendrick Christian. Fertilizing Connecticut tobacco; new methods for new needs. (Bul. 613) Conn. Agricultural experiment station '58 p35-7

Goodspeed, Thomas Harper. Genus *nicotiana*; origins, relationships, and evolution of its species in the light of their distribution, morphology, and cytogenetics. (V 16, no 1/6) *Chronica botanica* '54 p495-512

Lovett, W. J. Studies on the metabolism of detached tobacco leaves. *Australian J Ag Res* 10:39-40 Ja '59

New York (city). Public library. Arents tobacco collection. Tobacco; a catalogue of the bks, mss, and engravings, acquired since 1942, from 1507 to the present; comp. by Sarah Augusta Dickson. (Pubs) The library '58-'59 3 pts

Phillips, Max, and Bacot, Aubrey M. Chemical composition of representative grades of the 1951 and 1952 crops of burley tobacco, including chemical methods. (Technical bul. no 1186) Agricultural marketing service, U.S. Dept. of agriculture '58 p90-3

Steffens, George L. and Street, O. E. Effects of winter cover crops on growth, quality and nitrogen nutrition of Maryland tobacco. (Bul. A-86) Agricultural experiment station. Univ. of Md. '57 p36-7

Svenska tobaksmonopolet, aktiebolaget. Biblioteket. Tobak; en förteckning över svensk och utländsk tobakslitteratur. The library '5-? 21p

Tabakfachbuch, hrsg. von der VVB Tabak Dresden, unter der federführung von Gerhard Dietze. Fachbuchverlag '53 incl bibliog

See also

Smoking

Diseases and pests

Chamberlin, Frank Shirley. History and status of the green peach aphid as a pest of tobacco in the United States. (U.S. Dept. of agriculture. Technical bul. no 1175) U.S. Gov. ptg. office '58 p 10-12

Lucas, George Blanchard. Diseases of tobacco. Scarecrow '58 incl bibliog

Mountain, W. B. Studies of nematodes in relation to brown root rot of tobacco in Ontario. *Can J Bot* 32:758-9 N '54

Porter, C. A. and Weinstein, L. H. Biochemical changes induced by thiouracil in cucumber mosaic virus-infected and non-infected tobacco plants. Boyce Thompson Inst Contrib 19:104-6 JI '57

Thresh, J. M. Some effects of tannic acid and of leaf extracts which contain tannins on the infectivity of tobacco mosaic and tobacco necrosis viruses. *Ann Ap Biol* 44: 617-18 D '56

Tirelli, M. Patologia del tabacco; v2. Bibliografia. (Istituto sperimentale per i tabacchi. Rome. Collana di pubblicazioni scientifiche. tecniche, 9) Vallerini '55 422p

Wolf, Frederick Adolphus. Tobacco diseases and decays. 2d ed rev & enl Duke univ. press '57 incl bibliog

History

Mackenzie, Compton. Sublime tobacco. Macmillan '58 p345-6

Physiological effect

See also

Smoking

TOBACCO industry and trade

Goris, Hendrika. Investigation into some price-determining factors in American tobacco markets. North-Holland '54 p96-7

Tabakfachbuch, hrsg. von der VVB Tabak Dresden, unter der federführung von Gerhard Dietze. Fachbuchverlag '53 incl bibliog

TOCKERT, Joseph, 1875-1950

In memoriam Joseph Tockert, 18. VIII. 1875-19. II. 1950. V. Buck '51 p239-43

TOCOPHEROLS

Ames, S. R. Role of vitamin E (α -tocopherol) in poultry nutrition and disease. *Poultry Sci* 35:156-9 Ja '56

Dju, M. Y. and others. Vitamin E (tocopherol) in human tissues from birth to old age. *Am J Clin Nutrition* 6:59-60 Ja '58

Rousseau, J. E. and others. Relationships between plasma, liver and dietary tocopherol in calves, lambs and pigs. *J Animal Sci* 16:621-2 Ag '57

See also

Vitamins—Vitamin E

TODD, Charles, 1869-1957

Andrewes, C. H. Charles Todd. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p288-90)

TOES

Mendlowitz, Milton. Digital circulation. Grune '54 p 147-70

Abnormalities and deformities

See also

Polydactylism

- TOESCA, Maurice, 1904-**
Œuvres de Maurice Toesca; essai de bibliographie. Biblio 26:9 J1 '58
- TOILET preparations**
See also
Cosmetics
Medicines, Patent, proprietary, etc.
- TOKENS**
Bowman, F. Bouquet sou tokens of Canada. Numismatist 68:1191-2 N '55
- TOKENS, Communion**
Woodside, William W. Communion tokens—a bibliography. The author '58 26p
- TOLBUTAMIDE.** See Sulfonfyl compounds
- TOLERANCE (engineering)**
Ickert, Johannes. Das genauigkeitswesen in der technischen normung. (Wissenschaftliche normung, 4) Springer '55 p93-5
- TOLERATION**
Lecler, Joseph. Histoire de la tolérance au siècle de la réforme. (Théologie, 31) Aubier '55 2v v 1, p 11-39
See also
Religious liberty
- TOLL roads**
California. University. Institute of transportation and traffic engineering. Toll roads. (Lib. references, no2) The institute '55 15p
- TOLMAN, Edward Chace, 1886-**
American psychological association. Distinguished scientific contribution awards, 1957. Am Psychologist 13:156-8 Ap '58
- TOLSTOI, Lev Nikolaevich, graf, 1828-1910**
Leipzig. Deutsche bücherei. L. N. Tolstoj; bibliog. der erstausgaben deutschsprachiger übersetzungen und der seit 1945 in Deutschland, Österreich und der Schweiz in deutscher sprache erschienenen werke; mit einem einleitenden artikel von Anna Seghers. (Neujahrsgabe, 1959) The library '58 56p
Steiner, George. Tolstoy or Dostoevsky; an essay in the old criticism. Knopf '59 p349-54
- TOMATO juice**
Davis, R. B. and Gould, W. A. Proposed method for converting Hunter color difference meter readings to Munsell hue, value and chroma rennotations corrected for Munsell value. Food Tech 9:539-40 N '55
Miers, J. C. and others. Factors affecting storage stability of spray-dried tomato powder. Food Tech 12:547-8 O '58
Whittenberger, R. T. and Nutting, G. C. High viscosity of cell wall suspensions prepared from tomato juice. Food Tech 12:424 Ag '58
- TOMATOES**
American tomato yearbook, 1956[1959] Macfarland '56-'59 4v 1956, p8+; 1957, p6, 10-12+; 1958, p6, 11+; 1959, p6, 11-13
Frazier, J. C. and others. Effect of supplemental lighting on the ascorbic acid concentration of greenhouse tomatoes. Am Soc Hort Sci Proc 64:359 '54
Gottschalk, W. Die cytologie der kulturtomate und ihrer wildwachsenden verwandten. Bibliog Genet 17 no 1:1-109 '56
Powers, Le Roy. Components of variance method and partitioning method of genetic analysis applied to weight per fruit of tomato hybrid and parental populations. (U.S. Dept. of agriculture, Technical bul. no 1131) U.S. Gov. pte. office '55 p56-7
Workman, M. and others. Studies on the physiology of tomato fruits. Am Soc Hort Sci Proc 69:364-5 Je '57
Yeatman, John Newton, and Sidwell, Arthur P. Judging quality of tomatoes for processing by objective color evaluation, with subjective estimation of defects. (U.S. Dept. of agriculture, Marketing research rep. no235) Marketing research div, Agricultural marketing service '58 p38-41
- Diseases and pests**
Doolittle, S. P. Use of wild lycopersicon species for tomato disease control. Phytopathology 44:413-14 Ag '54
Sanwal, B. D. Polyphenoloxidase and ascorbic acid oxidase activity in tomato plants infected with fusarium lycopersici Sacc. Ind Acad Sci Proc SerB 44:269-70 N '56
Spurr, A. R. Anatomical aspects of blossom-end rot in the tomato with special reference to calcium nutrition. Hilgardia 28 no 12:292-5 F '59
- TOMBS**
Palumbo, G. Inventario dei dolmen di terra d'Otranto. R Sci Preistoriche 11 noi-4: 106-8 '56
Shukri, Muhammad Anwar. Die privatgrabstatue im alten reich. (Egypt. Service des antiquités. Annales. Sup. cahier no 15) Inst. français d'archéologie orientale '51 p xlii-xx
See also
Sepulchral monuments
Ship burial
- TOMBSTONES.** See Sepulchral monuments
- TOMLIN, Bradley Walker, 1899-1953**
Baur, John Ireland Howe. Bradley Walker Tomlin; with notes on the artist by Philip Guston [and others] Macmillan '57 p60-1
- TONES**
Richards, M. J. Review of the basic variables involved in the psychophysiological aspects of pure tones. J Educ Res 51:97-9 O '57
- TONGKING**
Gourou, Pierre. Peasants of the Tonkin delta, a study of human geography; tr. by Richard R. Miller. (Behavior science trs) Human relations area files '55 p666-89
- TONIOLO, Giuseppe, 1845-1918**
Angeli, Roberto. La dottrina sociale di Giuseppe Toniolo. Alzani '56 p 157-68
- TÖNNIES, Ferdinand, 1855-1936**
Tönnies, Ferdinand. Community & society (Gemeinschaft und gesellschaft) tr. and ed. by Charles P. Loomis. Mich. state univ. press '57 p287-9
- TOOLS**
Colding, Bertil. Testing of machinability by radioactive methods. (Acta polytechnica no243; Mechanical engineering ser. no 11) Svenska vetenskapsakademien '58 p30-1
Hunt, De Witt. Shop tools: care and repair. Van Nostrand '58 p243-7 annot
See also
Machine tools
- TOPOGRAPHY, Submarine.** See Submarine topography
- TOPOLOGY**
Aeppli, A. Modifikation von reellen und komplexen mannigfaltigkeiten. Commentarii Math Helvetici 31:300-1 '57
Aleksandrow, Pavel Sergeevich. Combinatorial topology; tr. from the first Russian ed. by Horace Komm. Graylock press '56 p216-17
Bing, R. H. and Jones, F. B. Another homogeneous plane continuum. Am Math Soc Trans 90:191-2 Ja '59
Fox, Ralph Hartzler, and others, eds. Algebraic geometry and topology; a symposium in honor of S. Lefschetz. (Princeton mathematical ser, 12) Princeton univ. press '57 incl bibliog
Harrold, O. G. Locally tame curves and surfaces in three-dimensional manifolds. Am Math Soc Bul 63:304-5 S '57
Hille, Einar, and Phillips, Ralph Saul. Functional analysis and semi-groups. rev ed (Colloquium pubs, v31) Am. mathematical soc. '57 p781-96
International conference on operator theory and group representations, Harriman, New York, 1953. Report. (Pub. 387) Nat. research council '55 incl bibliog
Massey, W. S. Some problems in algebraic topology and the theory of fibre bundles. Ann Math 62:357-9 N '55
Montgomery, Deane, and Zippin, Leo. Topological transformation groups. (Inter-science tracts in pure and applied mathematics, 1) Interscience '55 p272-9
Roth, J. P. Application of algebraic topology: Kron's method of tearing. Q Ap Math 17: 23-4 Ap '59
Spanier, E. Infinite symmetric products, function spaces, and duality. Ann Math 69:197-8 Ja '59
Wallace, A. D. Structure of topological semi-groups. Am Math Soc Bul 61:110-12 Mr '55
Whitehead, J. H. C. Duality in topology. Lond Math Soc J 31:147-8 Ap '56
- TORNADOES**
Reynolds, G. W. Venting and other building practices as practical means of reducing damage from tornado low pressures. Am Meteorol Soc Bul 39:20 Ja '58
Thuronyi, G. Annotated bibliography on tornado analysis and forecasting. Meteorol Abst & Bibliog 10:270-307 F '59
- TORRE Y HUERTA, Carlos de la, 1858-1950**
Alvarez Conde, José. Don Carlos: vida de un naturalista; prólogo: José María Chacón y Calvo. 2d ed Editorial Lex '58 p 168-95
- TORRENS, Sir Robert Richard, 1814-1884**
Robbins, Lionel Charles. Robert Torrens and the evolution of classical economics. Macmillan '58 p259-347 annot

TORSION

British internal combustion engine research association. Handbook on torsional vibration; comp. by E. J. Nestorides. Cambridge '58 incl bibliog

TOTALITARIANISM

Friedrich, Carl Joachim, and Brzezinski, Zbigniew Kazimierz. Totalitarian dictatorship and autocracy. Harvard univ. press '56 p314-36 annot

See also

Authoritarianism

Communism

Fascism

National socialism

TOULET, Paul Jean, 1867-1920

Toulet, Paul Jean. P.-J. Toulet; une étude par Pierre Olivier Walzer; inédits, œuvres choisies, bibliographie, portraits, documents. (Poètes d'aujourd'hui, 42) Seghers '54 p215-19

TOULOUSE-LAUTREC MONFA, Henri Marie

Raymond de, 1884-1901

Hanson, Lawrence, and Hanson, Elisabeth. Tragic life of Toulouse-Lautrec. Random house '56 p264-70

Perruchot, Henri. La vie de Toulouse Lautrec. Hachette '58 p356-65

TOULOUSE, France

Coppolani, Jean. Toulouse; étude de géographie urbaine. Privat-Didier '54 p375-99

TOURIST trade

Bernecker, Paul. Die stellung des fremdenverkehrs im leistungssystem der wirtschaft. Österreichischer gewerbeverlag '56 p xviii-xli

Hunziker, Walter. Le tourisme social; caractères et problèmes. (Int. touring assn. Pub. v 1) Impr. fédérative '51 p 107-10

Menges, Günter. Methoden und probleme der deutschen fremdenverkehrsstistik. (Beiträge zur fremdenverkehrsforschung, 3) Kramer '55 p269-77

Voyles, Robert J. Tourist industry of the Caribbean islands. (Area development ser, no6) Bur. of business & economic research, Univ. of Miami '56 p77-80

Poland

Sport y turystyka. Państwowe wydawnictwo, Warsaw. Katalog wydawnictw sportowych i turystycznych. The periodical '53 95p

TOUSSAINT, Manuel. 1895-1955

Mantecon, José Ignacio. Bibliografía de Manuel Toussaint. (Anales, no 25, Sup. no 1) Inst. de investigaciones estéticas '57 36p

TOUSSAINT, Pierre, 1766-1853

Sheehan, Arthur T. and Sheehan, Elizabeth Odell. Pierre Toussaint, a citizen of old New York. Kenedy '55 p245-9

TOWN life. See City and town life**TOWN planning. See City planning****TOWNS. See Cities and towns****TOWNSEND, Sir Sealy Edward, 1868-1957**

Engel, A. von. John Sealy Edward Townsend, 1868-1957. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p270-2)

TOXICOLOGY. See Poisons**TOXINS and antitoxins**

Christensen, Poul Agerholm. South African snake venoms and antivenoms. South African inst. for medical research '55 p 106-17

Duff, J. T. and others. Studies on immunity to toxins of clostridium botulinum. J Bact 73:46-7, 601; 74:538; 75:364-5 Ja, My, O '57, Mr '58

Jackson, A. W. and Little, R. M. Staphylococcal toxins. Can J Microbiol 3:47-54; 4:444, 460-1, 486 F '57, O '58

Moussa, E. S. Complexity of toxins from clostridium septicum and clostridium chauvoei. J Bact 76:544-5 N '58

Murray, E. G. D. and others. Toxin-inactivating substance (noxiversin) from penicillium cyaneo-fulvum (Biourge) Can J Microbiol 4:608-9 D '58

Yoneda, M. and Pappenheimer, A. M. Some effects of iron deficiency on the extracellular products released by toxigenic and nontoxigenic strains of corynebacterium diphtheriae. J Bact 74:264 Ag '57

See also

Anaphylaxis

Antigens and antibodies

TOXOPLASMOSIS

Eyles, D. E. Newer knowledge of the chemotherapy of toxoplasmosis. N Y Acad Sci Ann 64 no2:264-7 '56

Frenkel, J. K. Pathogenesis of toxoplasmosis and of infections with organisms resembling toxoplasma. N Y Acad Sci Ann 64 no2:229-31 '56

Hulland, T. J. Toxoplasmosis in Canada. Am Vet Med Assn J 128:78-9 Ja 15 '56

Jacobs, L. Interrelation of toxoplasmosis in swine, cattle, dogs, and man. Pub Health Rep 72:881-2 O '57

Jacobs, L. Propagation, morphology, and biology of toxoplasma. N Y Acad Sci Ann 64 no2:175-9 '56

Thompson, S. W. and Reed, T. H. Toxoplasmosis in a swamp wallaby. Am Vet Med Assn J 131:549 D 15 '57

Weiner, D. Toxoplasmosis in animals. Am Vet Med Assn J 133:549-50 D 1 '58

TOYNBEE, Arnold Joseph, 1889-
Popper, Monica. Bibliography of the works in English of Arnold Toynbee, 1910-1954. Royal inst. of int. affairs '55 59p

TOYS

Lebo, D. Formula for selecting toys for non-directive play therapy. J Genetic Psychol 92:33-4 Mr '58

See also

Dolls

TOZZER, Alfred Marston, 1877-1954

Spinden, H. J. Alfred Marston Tozzer, 1877-1954. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p589-97)

TRACE elements

American society for testing materials. Symposium on spectrochemical analysis for trace elements, presented at the 60th annual meeting (of the) Society, Atlantic City, N. J., June 18, 1957. (Special technical pub. no221) The society '58 incl bibliog

Chichilo, P. and Whittaker, C. W. Trace elements in agricultural limestones of Atlantic Coast regions. Agron J 50:135 Mr '58

Le Riche, H. H. Distribution of certain trace elements in the lower lias of southern England. Geochimica & Cosmochimica Acta 16:121-2 My '59

MacGregor, John Malcolm, and Mulvehill, John F. Effect of trace elements on alfalfa and oats in Minnesota. (Technical bul. 213) Agricultural experiment station, Univ. of Minn. '55 p 16

Nason, A. Function of metals in enzyme systems. Soil Sci 85:74-7 F '58

Nicholas, D. J. D. Function of trace metals in the nitrogen metabolism of plants. Ann Bot 21:597-8 O '57

Saraswathi-Devi, L. Problems and techniques involved in trace element essentiality studies with fungi; a critical appraisal. Ind Acad Sci Proc serB 48:105-8 Ag '58

Schütte, K. H. Significance of micronutrients. Econ Bot 11:158-9 Ap '57

Starkey, R. L. Relations of micronutrients to development of microorganisms. Soil Sci 79:11-14 Ja '55

Wallace, Jane H. and Smith, Harriet B. Bibliography of U.S. Geological survey trace elements and related reports, to June 1, 1954. (U.S. Geological survey. Bul. 1019-B) U.S. Gov. ptg. office '55 63-144p

Wilkinson, J. F. G. Geochemistry of a differentiated teschenite sill near Gunnedah, New South Wales. Geochimica & Cosmochimica Acta 16:149-50 My '59

TRACERS (chemistry)

Burr, John G. Tracer applications for the study of organic reactions. Interscience '57 incl bibliog

Cholak, J. Analysis of traces of beryllium. AMA Archives Ind Health 19:209-10 F '59

Yoe, John Howe, and Koch, Henry J. eds. Trace analysis; papers presented at a symposium held at the N.Y. acad. of medicine. New York, N.Y. Nov. 2, 3, 4 1955. Wiley '57 incl bibliog

TRACHOMA

Siniscal, A. A. Trachoma story. Pub Health Rep 70:506-7 My '55

TRACK athletics

Softball—track and field guide with official rules and standards. Jan. 1958-Jan. 1960; eds: Lois Youngen and Eleanor Mayer [Rev. softball bibliog. by Harriet Barnes; Rev. track and field bibliog. by Barbara Group] (Sports lib. for girls and women) Div. for girls & women's sports, Am. assn. for health, physical education & recreation '58 p 137-9

TRACKS, Fossil. See Footprints, Fossil

TRADE. See Business; Commerce

TRADE associations

Simonett, Martin. Die berufsständische ordnung und die politik. Respublica-verlag '51 p 114-23

See also

Employers associations

TRADE directories

Angel, Juvenal Londofo. National and international employment handbook for specialized personnel; practical annual handbk. for the seeking employment here and abroad. (V5) World trade acad. press '56 incl bibliog

Chamber of commerce of the United States. State chamber of commerce service department. Sources of state information and state industrial directories. The department '58 18p

Dartnell corporation. Principal business directories for building mailing lists. (Dartnell sales service feature) The corporation '54 29p

Foreign trade information and directories. Bsns Inform Sources 27:9-16 J1 '56

—Supplement. Business information sec, Cleveland public lib. '58 2p annot

Hamburg. Welt-wirtschafts-archiv. Bibliothek. Ausländische adressbücher; 893 titel mit signaturen der bibliothek; 2. ausg. stand: juni '53 [ausgearbeitet von Anny Schmidt] (Auslandskunde: literaturnachweis über die gebiete wirtschaft und politik, recht und technik. Allgemeine abt. no2) The library '53 116p

Henderson, George Poland. Current British directories, 1955[-1958] a comprehensive guide to local trade and professional directories of the British isles. 2d[-3d] ed Jones & Evans bookshop '55-'58 2v

Minrath, William R. How to run your own business and make it pay. Van Nostrand '56 p294-311 annot

United States. Bureau of foreign commerce. Guide to foreign business directories. U.S. Gov. ptg. office '55 132p

TRADE marks

Patents, trademarks and copyrights. Bsns & Tech Sources 28:1-8 Ja '57

TRADE names. See Trade marks**TRADE regulation**

Salomon, Leon I. ed. Independent federal regulatory agencies. (Reference shelf, v31, no2) Wilson '59 p 186-95

TRADE unions

Brückmann, Kurt, and others. Literatur für den gewerkschaftsfunktionär; eine empfehlende bibliographie. (Leipzig. Deutsche bücherei. Sonderbibliog. 7) Tribune '56? 145, 23p

—Same. 2d enl ed (Leipzig. Deutsche bücherei. Sonderbibliog. 7) Tribune '58 129p

Chicago. University. Industrial relations center. Foreign trade unions; a bibliographic review, by Deborah W. Meier; foreword by Val R. Lorwin. (Significant sources in management, organization, industrial relations, no4) The center '55 174p annot

Foster, William Zebulon. Outline history of the world trade union movement. Int. pubs. '56 p565-83

Hammond, Thomas Taylor. Lenin on trade unions and revolution, 1893-1917. (Columbia univ. Russian inst. Studies) Columbia univ. press '57 p 130-50

International labor office. Library. Trade unions. Syndicats. (Bibliog. reference list no82) The library '57 20p

Jenks, C. Wilfred. International protection of trade union freedom. (Lib. of world affairs, no35) Praeger '57 p571-7 annot

Levinson, Edward. Labor on the march; introd. by Walter P. Reuther; foreword by James T. Farrell. Univ. bks. '56 p300-5

Princeton university. Industrial relations section. Membership participation in union affairs. (Sel. references, no84) The section '58 4p annot

Tagliacozzo, D. L. Trade-union government, its nature and its problems: a bibliog. review, 1945-55. Am J Sociol 61:554-81 My '56

See also

Arbitration, Industrial
Collective bargaining
Compagnonnages
Industrial relations
Picketing

Periodicals

Gates, Francis. World of labor; a checklist of current labor union pubs. currently being received in the Labor coll. Social sciences reference service. General lib. Univ. of Calif. '56 47p

International committee of historical sciences. Commission d'histoire des mouvements sociaux. La Première internationale; périodiques (1862-1877) une bibliog. provisoire. The committee '56 np

Austria

Klenner, Fritz. Die österreichischen gewerkschaften; vergangenheit und gegenwartsprobleme; mit einem vorwort von Anton Proksch. Verlag des österreichischen gewerkschaftsbundes '51-'53 2v v2, p 1803-8

Canada

Kennedy, Douglas Ross. Knights of labor in Canada. Univ. of Western Ontario '56 p 125-7

Europe

Fogarty, Michael Patrick. Christian democracy in western Europe, 1820-1953. (Notre Dame. Univ. Com. on int. relations. Int. studies) Univ. of Notre Dame press '57 p436-52

France

Vidalenc, Georges. French trade union movement past and present. (I.C.F.T.U. monographs, no 1) Int. confederation of free trade unions '53 p 132-3

History

Gradilone, Alfredo. Storia del sindacalismo. Giuffrè '57-'58 2v v2, p457-91

Germany

Leidigkeit, Karl Heinz. Wilhelm Liebknecht und August Bebel in der deutschen arbeiterbewegung, 1862-1869. (Leipzig. Univ. Inst. für deutsche geschichte. Schriftenreihe, v3) Rütten & Loening '57 p205-13

History

Varain, Heinz Josef. Freie gewerkschaften, sozialdemokratie und staat; die politik der Generalkommission unter der führung Carl Legiens, 1890-1920. (Beiträge zur geschichte des parlamentarismus und der politischen parteien, v9) Droste-verlag '56 p 193-204

Great Britain**History**

Gradilone, Alfredo. Storia del sindacalismo. Giuffrè '57-'58 2v v1, p313-26

Italy

La Palombara, Joseph G. Italian labor movement: problems and prospects. (Studies in int. labor) Cornell univ. press '57 p 183-6

Poland

Wójcik, J. Bibliografia piśmiennictwa spółdzielczego druków dotyczących ruchu spółdzielczego, w Polsce w latach 1926-1955. Centralny związek spółdzielczy '55 254p

United States

Barbash, Jack. Practice of unionism. Harper '56 p433-46 annot

Boyer, Richard Owen, and Morais, Herbert Montfort. Labor's untold story. Cameron associates '55 p381-90 annot

Christie, Robert A. Empire in wood; a history of the carpenters' union. (Cornell studies in industrial and labor relations, v7) Cornell univ. '56 p333-41

Dubin, Robert. Working union-management relations; the sociology of industrial relations. (Prentice-Hall industrial relations and personnel ser; Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog annot

Gates, Francis. Reference guides for labor research; a sel. bibliog. of directories, bibliogs, handbks. and guides to special colls. relating to Am. labor unions, employers, and employer associations. Labor coll. Social sciences reference service. General lib. Univ. of Calif. '57 35p

Herman, Georgianna, and Haik, Jane. Selected recent references on union security and the right to work. Industrial relations center. Univ. of Minn. '57 4p

Illinois. University. Institute of labor and industrial relations. Racketeering in union-management relations. (Labor management relations, v9, no2) The institute '58 16p

TRADE unions—United States—Continued

Kampelman, Max M. Communist party vs. the C.I.O.; a study in power politics. Praeger '57 p271-80

Karson, Marc. American labor unions and politics; v 1, 1900-1918; foreword by Selig Perlman. Southern Ill. univ. press '58 p333-45

Perlman, Mark. Labor union theories in America; background and development. Peterson '53 incl bibliog

Princeton university. Industrial relations section. Local union. (Sel. references, no72) The section '56 4p annot

Princeton university. Industrial relations section. Professional engineers and collective bargaining. (Sel. references, no69) The section '56 4p annot

Stimson, Grace (Heilman). Rise of the labor movement in Los Angeles. (Calif. Univ. Inst. of industrial relations. Pubs.) Univ. of Calif. press '55 p501-13

Tagliacozzo, D. L. Trade union government, its nature and problems, a bibliographic review, 1945-1955. Am J Sociol 61:554-81 My '56

Tannenbaum, Arnold Sherwood, and Kahn, Robert Louis. Participation in union locals. Row '58 p239-46

United States. Library of Congress. Legislative reference service. Government regulation of internal union affairs affecting the rights of members; sel. readings prepared for the Subcom. on labor of the Com. on labor and public welfare, U.S. Senate. U.S. Gov. ptg. office '58 p292-9

Vellie, Lester. Labor U.S.A. Harper '59 p293-306 annot

See also

Featherbedding

History

Neufeld, Maurice F. Bibliography of American labor union history. (Bibliog. ser. no2; N.Y. State school of industrial & labor relations, Cornell univ. '58 64p

Rayback, Joseph G. History of American labor. Macmillan '59 p435-46 annot

Periodicals

Naas, Bernard G. and Sakr, Carmelita S. American labor union periodicals, a guide to their location. N.Y. state school of industrial & labor relations, Cornell univ. '56 175p

TRADE waste

Bibliography of metal finishing wastes, 1957[-1958] Plating 45:851-2; 46:934 Ag '58, Ag '59

Black, H. H. Industrial waste treatment as varied as industry. Civil Eng 25:103+ O '55

Chase, E. S. Flotation treatment of sewage and industrial wastes. Sewage & Ind Wastes 30:790-1 Je '58

Green, Frederick Gordon. Cannery wastes disposal; a sel. annot. bibliography. (T.I.S. rep. no50) Technical information service, Nat. research council, Canada '57 35p

Gurnham, Charles Frederick. Principles of industrial waste treatment. Wiley '55 incl bibliog

Heukelekian, H. and Rand, M. C. Biochemical oxygen demand of pure organic compounds. Sewage & Ind Wastes 27:1052-3 S '55

Industrial waste guide to the wool processing industry. Am Dyestuff Rep 44:661 S '55

Kehren, M. Waste disposal in the textile, leather, and paper industries. Ciba R no 121:31-2 Jl '57

Manhattan college, New York. Biological treatment of sewage and industrial wastes; ed. by Joseph McCabe and W. W. Eckenfelder. Reinhold '56-'58 2v incl bibliog

Petrů, A. Čištění průmyslových odpadních vod. Státní nakl. technické literatury '57 incl bibliog

Review of the literature of 1954[-1958] on sewage, waste treatment, and water pollution. Sewage & Ind Wastes 27:515-71, 633-88; 28: 630-6, 707-64; 29:497-523, 613-53, 729-56; 30: 601-33, 717-56, 839-73; 31:501-41, 615-61, 763-803 My-Je '55, My-Je '56, My-Jl '57, My-Jl '58, My-Jl '59

Wallen, I. E. and others. Toxicity to gambusia affinis of certain pure chemicals in turbid waters. Sewage & Ind Wastes 29:709-11 Je '57

Watson, K. S. Sewage and industrial wastes in 1957. Water & Sewage Works 105:59-60 F '58

Weston, R. F. and Eckenfelder, W. W. Application of biological treatment to industrial wastes. Sewage & Ind Wastes 27: 819-20 Jl '55

See also

Dairy waste
Distilleries—Waste
Petroleum waste
Sulfite liquor
Waste products

TRADES. *See* Occupations

TRADESCANTIA. *See* Spiderworts

TRADESMEN. *See* Business men

TRADING stamps

Vredenburg, Harvey L. Trading stamps. (Ind. business rep. no21) Bur. of business research, Ind. univ. '56 p 154-9

TRAFFIC. *See* Communication and traffic

TRAFFIC accidents

McFarland, Ross Armstrong, and others. Human variables in motor vehicle accidents; a review of the literature. Harvard school of public health '55 p 109-84

National research council. Highway research board. Investigating and forecasting traffic accidents [papers] presented at the 36th annual meeting January 7-11, 1957. (Bul. 151) The board '57 incl bibliog

TRAFFIC regulations

Municipal year book, 1956-[-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city manager's assn. '56-'59 4v 1956, p 441-4; 1957, p433-5; 1958, p454-6; 1959, p461-4

See also

Pedestrians

TRAFFIC safety

Guide to traffic safety literature; articles, pamphlets, and bks. ptd. during 1955[-1957 and 1958] (V 1-3) Nat. safety council '56-'59 3v

TRAGEDY

Henn, Thomas Rice. Harvest of tragedy. Methuen '56 p295-8

Untersteiner, Mario. Le origini della tragedia e del tragico dalla preistoria a Eschilo. new ed (Saggi, 194) Einaudi '55 p583-98

See also

Greek drama (tragedy)

TRAILERS

See also

Automobile trailers

TRAITORS

See also

Treason

TRAKL, Georg, 1887-1914

Ritzer, Walter. Trakl-bibliographie. (Trakl-studien, v3) Müller '56 182p

TRAMPOLINING

La Due, Frank, and Norman, Jim. This is trampolining. 2d ed Nissen trampoline co. '56 p 160-2

TRAMPS

See also

Rogues and vagabonds

TRAMWAYS. *See* Street railroads

TRANQUILIZING drugs

American association for the advancement of science. Tranquilizing drugs; a symposium held under the auspices of the Association in cooperation with the Am. psychiatric assn. and the Am. physiological soc. and presented at the Atlanta, Ga. meeting, Dec. 27-28, 1955; arr. and ed. by Harold E. Himwich. (Pub. no46) The association '57 incl bibliog

American psychiatric association. Research in psychiatry with special reference to drug therapy; papers presented at the regional research conference held under the joint auspices of the Association and the medical schools and affiliated hospitals of Philadelphia, Pa. Nov. 16-17, 1956. (Psychiatric research reps, 9) The association '58 incl bibliog

Gelber, Ida. Released mental patients on tranquilizing drugs and the public health nurse. (N.Y. univ. Dept. of nurse education. Nursing research monograph, no 1) N.Y. univ. press '59 p 123-7

Gordon, Hirsch Loeb, ed. New chemotherapy in mental illness; the history, pharmacology and clinical experiences with rauwolfia, phenothiazine, azacyclonol, mephenesin, hydroxyzine and benactyzine preparations. Philosophical lib. '58 p757-62

TRANQUILIZING drugs—Continued

- Pennes, Harry Harvey, ed. Psychopharmacology: pharmacologic effects on behavior. (Progress in neurobiology, 3) Hoeber '58 incl bibliog
- Scheidey, S. F. and McNally, K. S. Tranquilizing drugs in veterinary practice. Cornell Vet 48:346-7 J1 '58
- Welsh, Ashton Leroy. Psychotherapeutic drugs. (Am. lecture ser. pub. no 350) Thomas '58 p 117-35

TRANSCENDENTALISM

- Gray, Henry David. Emerson; a statement of New England transcendentalism as expressed in the philosophy of its chief exponent. Ungar '58 p 105-7
- Hutchison, William R. Transcendentalist ministers; church reform in the New England renaissance. (Yale historical pubs. miscellany, 71) Yale univ. press '59 p209-21 annot

TRANSCONTINENTAL journeys (U.S.) See Overland journeys to the Pacific**TRANSFER of population.** See Population transfers**TRANSFER of training**

- Arnout, M. D. Stimulus predifferentiation: some generalizations and hypotheses. Psychol Bul 64:349-50 J1 '57
- Murdock, B. B. Transfer designs and formulas. Psychol Bul 54:323-6 J1 '57

TRANSFORMATIONS (mathematics)

- Brigland, T. F. Note on numerical integrating operators. Ind & Ap Math 6:255-6 S '58
- Noble, Benjamin. Methods based on the Wiener-Hopf technique for the solution of partial differential equations. (Int. ser. of monographs on pure and applied mathematics, v7) Pergamon press '58 p237-42
- Segro, Beniamino. Some properties of differentiable varieties and transformations; with special reference to the analytic and algebraic cases. (Ergebnisse der mathematik und ihrer grenzgebiete, new ser, no 13. Reihe: Algebraische geometrie) Springer '57 p 171-8

See also

- Conformal mapping
- Linear programming

TRANSFORMERS, Electric. See Electric transformers**TRANSFUSION of blood.** See Blood—Transfusion**TRANSIENTS (electricity)**

- Poincelot, Paul. Les régimes transitoires dans les réseaux électriques. (Les filtres électriques) Gauthiers-Villars '53 p 127-30
- Rüdenberg, Reinhold. Elektrische schaltvorgänge in geschlossenen stromkreisen von starkstromanlagen. 4th enl ed Springer '53 p556-94
- Weber, Ernst. Linear transient analysis; v2, Two-terminal-pair networks transmission lines. Wiley '56 p420-5 annot

TRANSISTORS

- Bell telephone laboratories, Incorporated. Transistor; sel. reference material on characteristics & applications. The laboratories '51 792p
- Bevitt, William Deatly. Transistors handbook. Prentice-Hall '56 incl bibliog
- Cattermole, K. W. Transistor circuits. Macmillan '59 p400-8
- Coblentz, Abraham, and Owens, Harry L. Transistors; theory and applications. McGraw '55 incl bibliog
- Dosse, Joachim. Der transistor, eine neues verstärkerelement. Siemens & Halske '57 p89-106
- Evans, Joseph. Fundamental principles of transistors. Heywood '57 incl bibliog
- Garner, Louis E. Transistor circuit handbook. Coyne '56 p397-410
- Hibberd, R. G. Transistors and associated semiconductor devices. Inst Elec Eng Proc 106 ptB:278 My '59
- Hurley, Richard B. Junction transistor electronics. Wiley '58 incl bibliog
- Marrows, H. E. Transistor engineering reference handbook. Rider '56 incl bibliog
- Middlebrook, R. D. Introduction to junction transistor theory. Wiley '57 incl bibliog
- Milnes, A. G. Transistor circuits and applications. Inst Elec Eng Proc 104 pt B:579-80 N '57
- Prior, H. T. and others. Application of transistors to line communication equipment. Inst Elec Eng Proc 106 ptB:288 My '59
- Pritchard, R. L. Advances in the understanding of the P-N junction triode. Inst Radio Eng Proc 46:1139-41 Je '58

- Scott, Thomas Robertson. Transistors and other crystal valves. Essential bks. '55 p237-53

- Shea, Richard Franklin, ed. Transistor circuit engineering; auths: Woo Founng Chow [and others] Wiley '57 incl bibliog
- Turner, Rufus Paul. Transistors; theory and practice. 2d ed rev & enl (Gernsback lib. no75) Gernsback '58 incl bibliog

Noise

- Van der Ziel, A. Noise in junction transistors. Inst Radio Eng Proc 46:1037-8 Je '58

- Wilson, B. L. H. Transistor noise; its origin, measurement and behaviour. Brit Inst Radio Eng J 18:224-5 Ap '58

TRANSLATING

- Brower, Reuben Arthur, ed. On translation [by] Achilles Fang [and others] (Harvard studies in comparative literature, 23) Harvard univ. press '59 p271-93 annot

TRANSLATIONS

- Abstracts. See numbers of Babel
- Bibliographie internationale de la traduction. See numbers of Babel
- Chartotheca translationum alphabetica. Bentz See numbers
- Index translationum: International bibliography of translations, new ser, 1954[-1957] (V7-10) UNESCO '56-'59 4v
- Special libraries association. Translation monthly. John Crerar lib. See numbers
- United Nations educational, scientific and cultural organization. Scientific and technical translating and other aspects of the language problem. (Documentation and terminology of science) UNESCO '57 p258-74
- United States. National library of medicine. Scientific translations; a guide to sources and services, comp. by Sheila M. Parker. rev ed (Pub. no 514) U.S. Public health service '59 19p

Bibliography

- Kaiser, Frances Elkan, ed. Translators and translations: services and sources; a project of the Ga. chapter. Special lib. assn. '59 p38-49

TRANSMISSION of sound. See Sound—Transmission**TRANSONIC aerodynamics.** See Aerodynamics, Transonic**TRANSPIRATION of plants.** See Plants—Transpiration**TRANSPLANTATION (physiology)**

- Allen, S. L. Linkage relations of the genes histocompatibility-2 and fused tail, brachyury and kinky tail in the mouse, as determined by tumor transplantation. Genetics 40:649-50 S '55
- Balinsky, B. I. New experiments on the mode of action of the limb inductor. J Exp Zool 134:267-8 Mr '57
- Bibliography section. See numbers of Transplantation bulletin
- Cairns, J. M. and Saunders, J. W. Influence of embryonic mesoderm on the regional specification of epidermal derivatives in the chick. J Exp Zool 127:246-8 N '54
- Chuang, H. H. and Tseng, M. P. Experimental analysis of the determination of the mesodermal structures of neurula in urodeles. Scientia Sinica 6:704-3 Ag '57
- Finnegan, C. V. Ventral tissues and pigment pattern in salamander larvae. J Exp Zool 128:471-2 Ap '55
- Holtfreter, J. Transformation of a tail into a limb or gill-like structures. J Exp Zool 129:646-8 Ag '55
- McKeehan, M. S. Quantitative study of self-differentiation of transplanted lens primordia in the chick. J Exp Zool 126:171-2 J1 '54
- Marthovitch, P. N. Infantile rat adrenal transplanted into the anterior eye chamber of adrenalectomized hosts after cultivation in vitro. J Exp Zool 129:119-20 Je '55
- Oppenheimer, J. M. Differentiation of derivatives of the lower germ layers in fundulus following the implantation of shield grafts. J Exp Zool 128:550-2 Ap '55
- Peer, Lyndon A. Transplantation of tissues; v 1. Cartilage, bone, fascia, tendon, and muscle. Williams & Wilkins '55 incl bibliog
- Platt, J. Studies on the problem of nerve pattern. J Exp Zool 131:193-4 F '56
- Ramm, G. M. Fate of chick mesonephric tissue in intraocular homografts. J Exp Zool 130:128-9 O '55

TRANSPLANTATION (physiology)—Continued

- Reyer, R. W. Lens regeneration from homoplastic and heteroplastic implants of dorsal iris into the eye chamber of triturus viridescens and amblystoma punctatum. *J Exp Zool* 133:181-3 O '56
- Ruben, L. N. Effects of implanting anuran cancer into non-regenerating and regenerating larval urodele limbs. *J Exp Zool* 128: 46-7 F '55
- Tartar, V. Reactions of stentor coeruleus to homoplastic grafting. *J Exp Zool* 127:571-2 D '54
- Wright, M. R. Persistence of taste organs in tongue transplants of triturus v. viridescens. *J Exp Zool* 129:366-8 J1 '55

See also

Arterial grafts
Ovum—Transplantation
Skin grafting
Tumors—Transplantation

TRANSPORTATION

- Beckmann, Martin, and others. Studies in the economics of transportation; with an introd. by Tjalling C. Koopmans. Yale univ. press '56 p219-25
- Daggett, Stuart. Principles of inland transportation. 4th ed Harper '55 incl bibliog
- Duncan, Julian Smith. Introduction to transport economics. 2d prelim. draft Dept. of economics, Univ. of N.Mex. '53 incl bibliog
- Hamm, Walter. Schiene und strasse; das ordnungsproblem im güterverkehr zu lande. (Mainz. Univ. Forschungsinst. für wirtschaftspolitik. Veröffentlichungen, v2) Quelle & Meyer '54 p 148-54
- Heim, Frank A. Lastwagen, sattelschlepper und container im güter-fernverkehr; eine kostenanalyse. Haupt '54 p 187-94
- Hennes, Robert Graham, and Ekse, Martin Ingvald. Fundamentals of transportation engineering. (McGraw-Hill ser. in civil engineering) McGraw '55 incl bibliog
- Schweizerischer strassenverkehrsverband. Bibliothek. FRS Bibliothek-katalog. Catalogue de la bibliothèque. The library '55? 2v
- Taylor, K. L. Transportation literature, 1958. Sp Lib 50:64-71 F '59
- Troxel, Charles Emery. Economics of transport. Rinehart '55 p769-826
- Woytinsky, Wladimir S. and Woytinsky, Emma. Savely World commerce and governments; trends and outlook. Twentieth century fund '55 p865-88

See also

Aeronautics, Commercial
Automobiles
Canals
Commuting
Freight and freightage
Harbors
Highway transportation
Inland navigation
Inland water transportation
Merchant marine
Postal service
Railroads
Roads
Shipping
Waterways
World war, 1939-1945—Transportation

History

- Dyos, H. J. Literature of transport history. Lib Assn Rec 59:388-92 D '57

Africa

- Köhler, G. Verkehrsgeographische übersicht von Afrika. Petermanns Geog Mitt 100 no 4:291-4 '56

Africa, East

- Van Dongen, Irene S. British East African transport complex. (Research paper no38) Dept. of geography, Univ. of Chicago '54 p 165-72

Algeria

- Thomas, Benjamin Earl. Trade routes of Algeria and the Sahara. (Calif. Univ. Pubs. in geography, v8, no3) Univ. of Calif. press '57 p273-85

Australia

- Köhler, G. Verkehrsgeographische übersicht von Australien. Petermanns Geog Mitt 100 no 3:212 '56

Canada

- Braun, Günter. Die bedeutung des verkehrswesens für die politische und wirtschaftliche einheit Kanadas. (Bonner geographische abh. no 16) Geographisches inst, Univ. Bonn '55 p90-6

Europe

- Institut für europäische politik und wirtschaft, Frankfurt am Main. Die europäische zusammenarbeit auf dem gebiet des verkehrs unter besonderer berücksichtigung der tätigkeit internationaler und europäischer organisationen; mit einem einführenden bericht von Christian Woelker. (Bibliog. des Europa-archivs, no 10) The institute '55 216p

Russia

- Hunter, Holland. Soviet transportation policy. (Harvard univ. Russian research center. Studies, v28) Harvard univ. press '57 p283-98

Sahara

- Thomas, Benjamin Earl. Trade routes of Algeria and the Sahara. (Calif. Univ. Pubs. in geography, v8, no3) Univ. of Calif. press '57 p273-85

South Africa

- Joubert, E. Road transportation in South Africa in the 19th century; a bibliography. (Bibliog. ser) School of librarianship, Cape Town univ. '55 33p

South America

- Köhler, G. Verkehrsgeographische übersicht von Südamerika. Petermanns Geog Mitt 100 no2:117-21 '56

Sweden

- Godlund, Even. Busstrafkens framväxt och funktion i de urbana influensfälten. (Samhällsvetenskapliga studier, 11) Gleerup '54 p339-64

Switzerland

- Schweizerischer strassenverkehrsverband. Bibliothek. FRS Bibliothek-katalog. Catalogue de la bibliothèque. The library '55? 2v

United States

- Köhler, G. Verkehrsgeographische übersicht von Nordamerika. Petermanns Geog Mitt 100 no 1:42-4 '56
- Ullman, Edward Louis. American commodity flow; a geographical interpretation of rail and water traffic based on principles of spatial interchange. Univ. of Wash. press '57 p207-13
- United States. Superintendent of documents. Transportation, highways, and roads. (Price list 25, 43d ed) U.S. Gov. ptg. office '57 16p

History

- Hill, Forest Garrett. Roads, rails & waterways; the army engineers and early transportation. Univ. of Okla. press '57 p227-36

TRANSPORTATION, Automotive

- Curry, Neil J. American motor transport industry. (Vocational and professional monographs, no82) Bellman '56 p30-4
- Taff, Charles Albert. Motor freight transportation bibliography; prepared for the ATA Nat. com. on education, 1958. Am. trucking assns. '58? 57p

TRANSVESTISM

- Thomä, H. Männlicher transvestitismus und das verlangen nach geschlechtsumwandlung. Psyche 11:123-4 My '57

TRANSYLVANIA

- Banner, János, and Jakabffy, Imre. A Kösépdunamedence régészeti bibliográfiája a legrégibb időktől a XI. századig. Akadémiai kiadó '54 581p

History*Sources*

- Documenta privind istoria României: C. Transilvania. Mihail Roller, redactor responsabil. Editura Academiei Republicii Populare Române '51-'54 5v

TRANSYLVANIA college, Lexington, Kentucky

- Jennings, Walter Wilson. Transylvania; pioneer university of the West. Pageant press '55 p301-9

TRAUMATISM*See also*

- Neuralgia, Traumatic

TRAVEL

- Atkins, Richard Travis, and Atkins, Jane
McGlennon. World traveler's medical guide.
Simon & Schuster '53 p396-9
Take a trip. N Y Pub Lib Br Lib Bk News
34:39-47 Ap '57
See also
Passports
Tourist trade
Voyages and travels

Periodicals

- Gross, Martin. Feature writer's passport to the travel market; with many special secs, incl: magazines, newspapers, bks, tourist offices; a manual for writers, photographers, publicists and students. The author '59 42p

TRAVELERS, English

- Fedden, Robin. English travellers in the Near East. (Bibliog. ser. of sups. to British bk. news. no97) Longmans '58 p41-4

TRAVELS. See Overland journeys to the Pacific

TRAVEN, B. pseud, 1890?-

- Hagemann, E. R. Checklist of the work of B. Traven and the critical estimates and biographical essays on him; together with a brief biography. Bibliog Soc Am Pa 53: 40-67 Ja '59 annot

TRAVESTIES. See Parodies, English

TREASON

- Lear, Floyd Seyward. Treason and related offenses in Roman and Germanic law. (Pamphlet v42, no2) Rice inst. '55 p79-110 annot

TREASURE trove

- Nesmith, Robert I. Dig for pirate treasure. Devin-Adair '58 p274-88
Stirling, Nora B. Treasure under the sea. Doubleday '57 p349-54

Maps

- United States. Library of Congress. Map division. Treasure maps in the Library of Congress; an annot. list, comp. by J. Douglas Hill and Richard S. Ladd. The division 21, 3p

TREATIES

- Roussier, Michel. Où trouver le texte des traités européens; bibliographie. Dotation Carnegie pour la paix internationale '58 53p
Zemanek, Karl. Das Vertragsrecht der internationalen Organisationen. (Rechts- und staatswissenschaften, 15) Springer '57 p149-56

TREE nurseries. See Forest nurseries

TREE planting

- Goor, Ahihud Y. Tree planting practices for arid areas. (FAO forestry development paper no6) Food & agriculture organization of the United Nations '55 p123-6
Leloup, Marcel. Tree planting practices in temperate Asia: Japan. (FAO forestry development paper no10) Food & agriculture organization of the United Nations '56 p149-51
Letourneux, Charles. Tree planting practices in tropical Asia. (FAO forestry development paper no11) Food & agriculture organization of the United Nations '57 p169-72
Parry, M. S. Tree planting practices in tropical Africa. (FAO forestry development paper no8) Food & agricultural organization of the United Nations '56 p299-302

See also

Windbreaks

TREE rings

- Schulman, Edmund. Dendroclimatic changes in semiarid America. Univ. of Ariz. press '56 p139-42
Studhalter, R. A. and Glock, W. S. Tree growth. Bot R 21:60-72, 175-88 Ja '55

TREES

- Baldwin, Henry Ives. Handling forest tree seed. (FAO forestry development paper no4) Food & agriculture organization of the United Nations '55 p103-10
Barrett, Mary Franklin. Common exotic trees of south Florida (dicotyledons) Univ. of Fla. press '56 p401-3
Clark, J. and Gibbs, R. D. Studies in tree physiology. Can J Bot 35:252-3 Mr '57
Downs, R. J. and Borthwick, H. A. Effects of photoperiod on growth of trees. Bot Gaz 117:325-6 Je '56
Flick, Frances Josephine. Grading logs and trees for quality; a bibliog. comp. for the Log grade com. Forest service. Forest service, U.S. Dept. of agriculture '55 27p
Forest tree physiology symposium. Ohio J Sci 57:321-80 N '57 incl bibliog

- Fritts, H. C. Analysis of radial growth of beech in a central Ohio forest during 1954-1955. Ecology 39:719-20 O '58
Fritts, H. C. Radial growth of beech and soil moisture in a central Ohio forest during the growing season of 1952. Ohio J Sci 56:28 Ja '56
International symposium on forest tree physiology. 1st. Harvard university, 1957. Physiology of forest trees; a symposium held at the Harvard forest; ed. by Kenneth V. Thimann [and others] Ronald '58 incl bibliog
Mathiesen, Andres. Some observations on the defoliation of trees. (Acta horti bergiani, v16, no8) Almqvist '53 p252-5
Pirone, Pascal Pompey. Tree maintenance. 3d ed Oxford '59 p447-65

See also

Bark

Compression wood

Conifers

Forests and forestry

Fruit trees

Lumber

Lumbering

Nurseries (horticulture)

Shrubs

Welwitschia mirabilis

Wood

Diseases and pests

- Bakshi, B. K. Diseases and decays of conifers in the Himalayas. (Indian forest records; new ser: Mycology, v1, no6) Manager of pubs. '57 p89
Coppel, H. C. and Leius, K. History of the larch sawfly, with notes on origin and biology. Can Entom 87:109-11 Mr '55
Durst, Jaroslav. Taschenbuch der fehler und schäden des holzes. Fachbuchverlag '55 p139-44
Finnegan, R. J. Elm bark beetles in southwestern Ontario. Can Entom 89:279-80 Je '57
Gäbler, Hellmuth. Forstschutz gegen tiere. Neumann '55 incl bibliog
Keen, Frederick Paul. Cone and seed insects of western forest trees. (U.S. Dept. of agriculture. Technical bul. no1169) U.S. Gov. ptg. office '58 p159-64
Krstic, M. Prospects of application of biological control in forest pathology. Bot R 22:43-4 Ja '56
Lyr, H. Untersuchungen zur pathologie der douglasie. Arch Forstwesen 4 no5:543-4 '55
Moore, Agnes Ellis. Bibliography of forest disease research in the Department of agriculture. (U.S. Dept. of agriculture. Misc. pub. no725) U.S. Gov. ptg. office '57 186p
Robak, Håron. Luseangrep på lerk; tidligere erfaringer og noen egne iakttagelser fra Vest-Norge. Aphid attack on larch; earlier experiences, besides some observations made by the author in West-Norway. (Vestlandets forstlige forskningsstasjon. Meddelelser, no32) John Griegs boktr. '59 p32-3
Swezey, Otto Herman. Forest entomology in Hawaii; an annot. check-list of the insect faunas of the various components of the Hawaiian forests; ed. by R. H. Zwaluwenburg. (Special pub. 44) Bernice Pauahi Bishop museum '54 p231-47
Thatcher, Robert C. References of value in studies of insects affecting the southern pines; an annot. list. (Bul. no1) Dept. of forestry, Stephen F. Austin state college '57 37p
Thomas, G. P. and others. Studies in forest pathology. Can J Bot 32:653; 33:626-7; 35: 874 S '54, N '55, N '57

See also

Wood borers

North America

- Harlow, William Morehouse, and Harrar, Ellwood Scott. Textbook of dendrology, covering the important forest trees of the United States and Canada. 4th ed (Am. forestry ser) McGraw '58 p526-39
Miller, Gertrude N. Genus fraxinus, the ashes, in North America, north of Mexico. (Memoir 335) Agricultural experiment station, Cornell univ. '55 p56-64

United States

- Graves, Arthur Harmount. Illustrated guide to trees and shrubs; a handbk. of the woody plants of the northeastern U.S. and adjacent regions. rev ed Harper '56 p251-4
Schoonover, Shelley E. Handbook of American woods. Marador pub. co. '55 p254-7

TREES, Fossil

Sen, J. Fine structure in degraded, ancient and buried wood, and other fossilized plant derivatives. *Bot R* 22:371-4 Je '56

TREES. Planting of. See Tree planting**TREITSCHKE, Heinrich Gotthard von, 1834-1896**

Dorpalen, Andreas. Heinrich von Treitschke. *Yale univ. press* '57 p25-35

TREMATODA

Cheng, T. C. and Provenza, D. V. Studies on the trematode family brachycoeliidae. *Am Midl Natur* 59:80-1; 61:86-8; 63:167-8, 467-9 Ja '58, Ja '59, Ja-Apr '60

Hoffman, G. L. *Neascus nolfi* n.sp. (trematoda: strigeida) from cyprinid minnows with notes on the artificial digest recovery of helminths. *Am Midl Natur* 53:203-4 Ja '55

Kuntz, R. E. and Chandler, A. C. Studies on Egyptian trematodes with special reference to the heterophyids of mammals. *J Parasitol* 42:456-7, 621 Ag, D '56

Marcolis, L. New species of lecitophyllum from north Pacific fishes with a consideration of the taxonomy of the genera lecitophyllum, aponurus, and brachadena (trematoda: hemiuridae). *Can J Zool* 36:903-4 D '58

Mizelle, J. D. and others. North American fresh water tetraonchinae. *Am Midl Natur* 55:177-9 Ja '56

Monaco, L. H. and Mizelle, J. D. Studies of monogenetic trematodes. *Am Midl Natur* 53:475-7 Ap '55

Pearson, J. C. Studies on the life cycles and morphology of the larval stages of alaria arisaemoides Augustine and Uribe, 1927 and alaria canis Larue and Fallis, 1936 (trematoda: diplostomidae). *Can J Zool* 34:384-7 Ag '56

Perkins, K. W. Studies on the morphology and biology of acetodextra amiuri (Staford) (trematoda: heterophyidae). *Am Midl Natur* 55:155-6 Ja '56

Sparks, A. K. Some digenetic trematodes of marine fishes of the Bahama Islands. *Bul Marine Sci Gulf & Carib* 7:264-5 S '57

Stunkard, H. W. Morphology and life-history of the digenetic trematode, *azgyia sebago* Ward, 1910. *Biol Bul* 111:267-8 O '56

Wood, R. A. and Mizelle, J. D. Studies on monogenetic trematodes. *Am Midl Natur* 57:200-2 Ja '57

See also
Schistosomes

TRENT, Council of, 1545-1563

Spykman, Gordon J. Attrition and contrition at the Council of Trent. *Kok* '55 p259-70

See also
Counter-Reformation

TREPONEMATOSIS

Turner, Thomas Bourne, and Hollander, David H. Biology of the treponematoses, based on studies carried out at the International treponematosis laboratory center of the Johns Hopkins university. (Monograph ser, no35) WHO '57 incl bibliog

TREVAN, John William, 1887-1956

Gaddum, J. H. John William Trevan, 1887-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p287-8)

TRIAL by ordeal. See Ordeal**TRIAL practice**

Los Angeles county law library. Current literature on pre-trial procedure of interest to attorneys in California. rev ed The library '56 3p

TRIBES and tribal systems

See also
Kinship

TRICHINA and trichinosis

Campbell, C. H. Antigenic role of the excretions and secretions of trichinella spiralis in the production of immunity in mice. *J Parasitol* 41:490-1 O '55

Coker, C. M. Effects of cortisone on trichinella spiralis infections in non-immunized mice. *J Parasitol* 41:504 O '55

Kennedy, P. C. Experimental bovine trichinosis: an attempt to produce eosinophilic myositis of cattle. *Cornell Vet* 45:151-2 Ap '55

Kimsey, L. S. and Adams, S. L. Trichinella spiralis in the diaphragms of humans and swine. *Pub Health Rep* 70:1009 O '55

TRICHLOROETHYLENE**Physiological effect**

Bardoděj, Z. and Vyskočil, J. Problem of trichloroethylene in occupational medicine. *AMA Archives Ind Health* 13:592 Je '56

Kleinfeld, M. and Tabershaw, I. R. Trichloroethylene toxicity. *AMA Archives Ind Hygiene & Occup Med* 10:140-1 Ag '54

TRICHOMONAS

Gabel, A. A. and others. Trichomoniasis in an artificial insemination bull stud. *Am Vet Med Assn J* 128:123 F 1 '56

Laing, John Archibald. Trichomonas foetus infection of cattle. (FAO agricultural studies, no33) Food & agriculture organization of the United Nations '56 p37-9

TRICHOPTERA. See Caddis flies**TRILLIUM**

Kurabayashi, M. Evolution and variation of Japanese species of trillium. *Evolution* 12:309-10 S '58

TRILOBITES

Bright, R. C. Paleogeologic and biometric study of the middle Cambrian trilobite elrathia kingii (Meek) *J Paleont* 33:98 Ja '59

Cavet, P. and Pillet, J. Trilobites des calcaires à polyptères siliceux (eifélien) du synclinal de Villefranche-de-Conflent (Pyrenées-Orientales) *Soc Géol France Bul* 8:34-7 N '58

Harrington, Horacio Jaime, and Leanza, Armando F. Ordovician trilobites of Argentina. (Kan. Univ. Dept. of geology, Special pub, no 1) Univ. of Kan. press '57 p251-9

Kobayashi, T. On the kainellidae. *Japan J Geol & Geog* 23:59-61 Mr '53

Kobayashi, T. On the komaspidae. *Japan J Geol & Geog* 24:42-4 Mr '54

Kobayashi, T. and Igō, H. On the occurrence of crotaloccephalus, Devonian trilobites, in Hida, west Japan. *Japan J Geol & Geog* 27:153-5 N '56

Lochman, C. and Hu, C. H. Ptychaspis faunule from the Bear River range, south-eastern Idaho. *J Paleont* 33:426-7 My '59

Palmer, A. R. Ontogenetic development of two olenellid trilobites. *J Paleont* 31:127-8 Ja '57

Pillet, J. Contribution à l'étude de quelques asteropyginae (trilobites) *Soc Géol France Bul* 8:18-20 N '58

Pillet, J. Les trilobites otarionidae du dévonien armoricain. *Soc Géol France Bul* 6:33-41 O '56

Rasetti, F. Trempealeuan trilobites from the Conococheague, Frederick, and Grove limestones of the central Appalachians. *J Paleont* 33:397-8 My '59

Ross, R. J. Trilobites in a pillow-lava of the Ordovician Valmy formation, Nevada. *J Paleont* 32:570 My '58

Stumm, Erwin Charles. Lower middle Devonian proetid trilobites from Michigan, southwestern Ontario, and northern Ohio. (Mich. Univ. Museum of paleontology. Contributions, v 11, no2) Univ. of Mich. press '53 p26-7

Stumm, Erwin Charles. Trilobites of the Devonian traverse group of Michigan. (Mich. Univ. Museum of paleontology. Contributions, v 10, no6) Univ. of Mich. press '53 p 142-4

Stumm, E. C. and Kauffman, E. G. Calymenid trilobites from the Ordovician rocks of Michigan. *J Paleont* 32:959-60 S '58

Tripp, R. P. Classification and evolution of the superfamily lichacea (trilobita) *Geol Mag* 94:121-2 Mr '57

Tripp, R. P. Stratigraphical and geographical distribution of the named species of the trilobite superfamily lichacea. *J Paleont* 32:531-2 My '58

Whittington, H. B. Ontogeny of elliptocephala, paradoxides, sgo, blainia and triarthrus (trilobita). *J Paleont* 31:945-6 S '57

Whittington, H. B. Type and other species of odontopleuridae (trilobita) *J Paleont* 30:519-20 My '56

Wilson, J. L. Geography of olenid trilobite distribution and its influence on Cambro-Ordovician correlation. *Am J Sci* 255:338-40 My '57

TRINITY

Janssens, Aloïs. Mystery of the Trinity: a complete history of the doctrine. *Acad. lib.* '54 p 165-8

Richardson, Cyril Charles. Doctrine of the Trinity. *Abingdon* '53 p 153-5 annot

TRISTAN L'HERMITE, François, 1601-1655

Carriat, Amédée. Bibliographie des œuvres de Tristan l'Hermite. *Rougerie* '55 p40-2

TRITIUM

Brown, Lawrence M. and others. Bibliography of research on deuterium and tritium compounds, 1945 to 1952. (U.S. Nat. bur. of standards. Circ. 562) U.S. Gov. ptg. office '56 85p

TROLLEY lines. See Street railroads

TROLLOPE, Anthony, 1815-1882

Cockshut, Anthony Oliver John. Anthony Trollope; a critical study. Collins '55 p250-3

TROMBICULIDAE

See also
Chiggers (mites)

TROPICAL diseases. See Tropics—Diseases and hygiene

TROPICAL fishes

Axelrod, Herbert R. and Schultz, Leonard P. Handbook of tropical aquarium fishes. McGraw '55 p688-9

Axelrod, Herbert R. and Vorderwinkler, William. Salt-water aquarium fish. Sterling '56 p154-5

TROPICAL fruit

Chandler, William Henry. Evergreen orchards. 2d rev ed Lea '58 p490-525

Ledin, R. B. Tropical and subtropical fruits in Florida (other than citrus) Econ Bot 11: 374-6 O '57

Mission Agrumes. Agrumes et fruits subtropicaux aux U.S.A.; sél. et culture; compte rendu de la mission organisée par l'Association française pour le développement de la productivité, 29 oct. 1950-3 jan. 1951 [par] L. Blanc [et al] Soc. d'éds. techniques coloniales '52 p184-9

See also
Citrus fruit

TROPICS

Lee, Douglas Harry Kedgwin. Climate and economic development in the tropics. Harper '57 p177-82

Studien zur klima- und vegetationskunde der tropen; mit beiträgen von Wilhelm Lauer [et al] (Bonner geographische abhandlungen, no9) Geographisches inst. Univ. Bonn '52 incl bibliog

United Nations educational, scientific and cultural organization. Problems of humid tropical regions. Problèmes des régions tropicales humides. (Humid tropics research) UNESCO '58 incl bibliog

Diseases and hygiene

Geigy, Rudolf, and Herbig, Adelheid (Sandreuter). Erreger und überträger tropischer krankheiten. (Acta tropica: zeitschrift für tropenwissenschaften und tropenmedizin. Sup6) Verlag für recht & gesellschaft '55 p413-38

Livingstone, F. B. Anthropological implications of sickle cell gene distribution in West Africa. Am Anthropol 60:557-62 Je '58

Tropical diseases bulletin. Bur. of hygiene & tropical diseases. See numbers

See also

Dengue
Leptosy
Malaria
Schistosomiasis
Yellow fever

TROTSKY, Leon, 1879-1940

Deutscher, Isaac. Prophet unarmed; Trotsky: 1921-1929. Oxford '59 p473-9

TROUBADORS

Lommatzsch, Erhard. Leben und lieder der provenzalischen troubadours, in auswahl dargeboten; v.1. Minnelieder. Akademie-verlag '57 p55-69

See also
Minnesingers

TROUT

Cope, Oliver B. Annotated bibliography on the cutthroat trout. (U.S. Fish and wildlife service. Fishery bul. 140) U.S. Gov. ptg. office '58 417-42p

Lake, J. S. Trout populations and habitats in New South Wales. Australian J Marine & Freshwater Res 8:449-50 N '57

Nicholls, A. G. Population of a trout stream and the survival of released fish. Australian J Marine & Freshwater Res 9:345-6 S '58

TROYAT, Henri, 1911-

Oeuvres d'Henri Troyat. Biblio 26:13 D '58

TROYES, France

History

Holmes, Urban Tigner, and Klenke, Sister Mary Amelia. Crétien. Troyes, and the Grail. Univ. of N.C. press '59 p215-23

TRUANCY (schools) See School attendance

TRUCK farming

Bielka, R. Grundriss des feldgemüsebaues: eine einföhrung für studierende der landwirtschaft. Deutscher bauernverlag '57 p180-9

TRUEMAN, Sir Arthur Elijah, 1894-1956

Pugh, W. J. Arthur Elijah Trueman. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p302-5)

TRUJILLO MOLINA, Rafael Leónidas, 1891- Rodríguez Demorizi, Emilio. Bibliografía de Trujillo. (La era de Trujillo. 25 años de historia dominicana. 20) Impresora dominicana '55 326p

Trujillo Molina, Rafael Leonidas. Obras de Trujillo. (Archivo general de la nación. v.12) Editora Montalvo '56 294p

TRUSSES

Laushey, L. M. Direct design of optimum indeterminate trusses. Am Soc Civil Eng Proc 84 (ST 8 no 1867):34-5 D '58

TRUST companies

See also
Investment companies

TRUSTEESHIPS

See also
Mandates

TRUSTEESHIPS, International. See International trustee ships

TRUSTS, Industrial

Metzner, Max. Kostengestaltung, preisbildung und marktprobleme. Duncker & Humblot '53-'54 2v v.1, p155-60; v.2, p164-77

See also

Monopolies

Switzerland

Reimann, Heinrich. Die fusion in betriebswirtschaftlicher betrachtung unter spezieller berücksichtigung schweizerischer verhältnisse und erfahrungen. Brunner & Bodmer '53 p9-17

United States

American economic association. Readings in industrial organization and public policy, sel. by a com. of the Association. (Ser. of repub. articles on economics, v8) Irwin '58 p393-426

TRUSTS and trustees

American bankers association. Committee on common trust funds. Common trust funds, a handbook on their purposes, establishment, and operation. 3d ed The committee '56 p168-90

Stephenson, Gilbert Thomas. Estates and trusts. rev ed Appleton '55 incl bibliog

Trusts and probate literature. Trusts & Estate 94:872-7; 95:944-50; 96:915-21; 97:952-9; 98:1023-9 O '55, O '56, O '57, O '58, O '59 annot

TRYPANOSOMA

Noble, E. R. Morphology and life cycles of trypanosomes. Q R Biol 30:24-8 Mr '55

TRYPANOSOMIASIS

Brazil. Instituto brasileiro de bibliografia e documentação. Doença de Chagas; bibliog. brasileira. (Bibliogs. brasileiras sobre doenças tropicais, no2) The institute '58 126p

Du Toit, R. Trypanosomiasis in Zululand and the control of tsetse flies by chemical means. Onderstepoort J Vet Res 26:385-7 Je '54

TRYPETIDAE

See also

Fruit flies

TRYPTOPHAN

Banerjee, S. and Basak, R. Studies on the biosynthesis of nicotinic acid from tryptophan in the rhesus monkey. J Nutrition 61:401-3 Mr '57

Dannenburg, W. N. and Liverman, J. L. Conversion of tryptophan-2-¹⁴C to indoleacetic acid by watermelon tissue slices. Plant Physiol 32:269 J1 '57

Firth, J. and Johnson, B. C. Quantitative relationships of tryptophan and nicotinic acid in the baby pig. J Nutrition 59:233-4 Je '56

Horwitt, M. K. and others. Tryptophan-niacin relationships in man. J Nutrition 60 sup 1:41-3 O '56

McDaniel, E. G. and others. Tryptophan-niacin metabolism in alloxan diabetic rats. J Nutrition 59:421-3 J1 '56

Price, J. M. and others. Quantitative studies on the urinary excretion of tryptophan metabolites by humans ingesting a constant diet. J Nutrition 60:332-3 N '56

Suskind, S. R. Properties of a protein antigenically related to tryptophan synthetase in neurospora crassa. J Bact 7:317-18 S '57

TRYPTOPHAN—Continued

- Vivian, V. M. and others. Some aspects of tryptophan metabolism in human subjects. *J Nutrition* 66:597-8 D '58
- Wertz, A. W. and others. Tryptophan-niacin relationships in pregnancy. *J Nutrition* 64:352-3 Mr '58
- Yanofsky, C. Absence of a tryptophan-niacin relationship in *Escherichia coli* and *Bacillus subtilis*. *J Bact* 68:583-4 N '54

TSCHOPIK, Harry, 1915-1956

- Rowe, J. H. Harry Tschopik, jr. 1915-1956. *Am Anthropol* 60:136-40 F '58

TSETSE flies

- Buxton, Patrick Alfred. Natural history of tsetse flies; an account of the biology of the genus *Glossina* (Diptera). (London school of hygiene and tropical medicine. Memoir ser, no 10) Lewis '55 p740-66
- Du Toit, R. Trypanosomiasis in Zululand and the control of tsetse flies by chemical means. *Onderstepoort J Vet Res* 26:385-7 Je '54

TUAMOTU islands

- Danielsson, Bengt. Work and life on Raroia; an acculturation study from the Tuamotu group, French Oceania. Heinman '55 p 237-44

TUBERCULARIACEAE

See also

Fusarium

TUBERCULIN

- Friis, Thorkild. Tuberkulinfølsomheden hos marsvin vurderet ved hjælp af legems-temperaturmålinger under tuberkulincho-ket. *Gad* '53 p 159-64
- Magnusson, Bertil. Effect of sarcoidosis sera on the tuberculin response. (Sup 35) *Acta dermato-venereologica* '56 p 136-8
- Palmer, C. E. and others. Tuberculin sensitivity of young adults in the United States. *Pub Health Rep* 71:644-5 J1 '56

TUBERCULOSIS

- Berlin, Sven Olof. Exudative tuberculous pleurisy, with a statistical analysis of prognostic factors according to a new method. (Sup40) *Acta tuberculosea scandinavica* '57 p 130-4
- Canetti, Georges. Primo-infection et réinfection dans la tuberculose pulmonaire; une étude anatomique et pathogénique basée sur 301 autopsies. (Coll. de l'Institut Pasteur) Editions médicales Flammarion '54 p249-56
- Canetti, Georges. Tubercle bacillus in the pulmonary lesion of man; histobacteriology and its bearing on the therapy of pulmonary tuberculosis; foreword by Rene J. Dubos and Walsh McDermott. Springer pub. co. '55 p207-20
- Charen, S. Regressive behavior changes in the tuberculous patient. *J Psychol* 41:287-9 Ap '56
- Chest disease index and abstracts, including tuberculosis. Chest & heart assn. See numbers
- Commonwealth fund. Tuberculosis in white and Negro children. by Janet B. Hardy and Miriam E. Brailey. Harvard univ. press '58 2v v 1, p 13, 119; v2, p44-5, 85-7
- Franzas, Fridolf. Aspects of urogenital tuberculosis in Finland after the introduction of streptomycin. (Sup 180) *Acta chirurgica scandinavica* '53 p67-8
- Greenberg, A. E. and Kupka, E. Tuberculosis transmission by waste waters. *Sewage & Ind Wastes* 29:535-7 My '57
- Julius, W. Dissertationen und habilitations-schriften der jahre 1949-1952 aus dem gebiete der tuberkulose. *Z Tuberkulose* 106 no 1:37-44; no2:95-102; 108 no6:348-59; 109 no5:301-4 '55-56
- Magnusson, Bertil. Effect of sarcoidosis sera on the tuberculin response. (Sup 35) *Acta dermato-venereologica* '56 p 136-8
- Mitchell, Roger S. and Bell, James Carroll. Modern chemotherapy of tuberculosis; foreword by William B. Tucker. (Antibiotics monographs, no 11) Medical encyclopedia '58 p81-101
- Myers, Jay Arthur. Tuberculosis; every physician's problem. Thomas '57 incl bibliog
- Schaefer, George. Tuberculosis in obstetrics and gynecology. Little '56 incl bibliog
- Sparer, Phineas J. ed. Personality, stress and tuberculosis. Int univs. press '56 incl bibliog

- Steele, John D. ed. Surgical management of pulmonary tuberculosis; introd. by Frederick A. Coller; biographical sketch of John Alexander by Cameron Haight. (John Alexander monograph ser. on various phases of thoracic surgery, pub. 1) Thomas '57 incl bibliog

Tuberculosis index and abstracts of current literature. Nat. assn. for the prevention of tuberculosis. See numbers

- Tuxen, Alexander. Study of the course of pulmonary tuberculosis after treatment with thoracoplasty [tr. into English by Claude Lillingston] (*Acta tuberculosea scandinavica*. Sup39) Norwegian research council for science & the humanities '57 p 173-4

- Uggle, Lars Gustaf. Pulmonary hypertension in tuberculosis of the lungs; a clinical study in advanced cases examined with cardiac catheterization and temporary unilateral occlusion of the pulmonary artery [tr. by Ray McVeigh] (*Acta tuberculosea scandinavica*. Sup41) Munksgaard '57 p 127-38

- Warren, Sol L. Vocational rehabilitation of the tuberculous; an abstract by Mary Dempsey. Nat. tuberculosis assn. p 177-90

See also

Bacillus tuberculosis

Spine—Tuberculosis

Preventive inoculation

- Griesbach, Rolf, and others, eds. Die BCG-schutzimpfung. Thieme '54 incl bibliog
- Rosenthal, Sol Roy. BCG vaccination against tuberculosis; with secs. by Camille Guérin, Bernard Weill-Halle [and] Arvid Wallgren. Little '57 incl bibliog

TUBERCULOSIS in animals

- Pariset, T. J. Tuberculosis of fish. *Bact R* 22:244-5 D '58

TUBES

- London. Science museum. Science library. References to thermal stresses in steel tubes. (Bibliog ser, no739) The library '55 2p

TUDELA

- Floristán Samanes, Alfredo. La ribera tudelana de Navarra. Inst. Juan Sebastián Elcano; Inst. Principe de Viana, Diputación foral de Navarra, Consejo superior de investigaciones científicas '51 p293-303

TUMBOA trees. See *Welwitschia mirabilis*

TUMORS

- Ambrus, J. L. and others. Study of metastasis with the aid of labeled ascites tumor cells. *N Y Acad Sci Ann* 63 no5:959-60 '56
- Bariéty, Maurice Jacques Clément, and Poulet, Jacques. La sarcoïdose de Besnier-Boeck-Schaumann. (Monographies médicales Flammarion) Eds. médicales Flammarion '58 p 107-22
- Blomqvist, Kirsti. Growth stimulation in the liver and tumor development following intraperitoneal injections of liver homogenates in the rat [tr. by Aino Wuolle] (Sup 121) *Acta pathologica et microbiologica scandinavica* '57 p58-65
- Burdette, W. J. Tumors in *Drosophila*. *Tex Univ Pub* no5914:64-8 J1 15 '59
- Goldie, H. Growth characteristics of free tumor cells in various body fluids and tissues of the mouse. *N Y Acad Sci Ann* 63 no5:717-19 '56
- Greenberg, S. S. and others. Cytology and cytochemistry of melanoma cells. *N Y Acad Sci Ann* 67 no4:116-21 '56
- Hauschka, T. S. and others. Immuno-selection of polyploids from predominantly diploid cell populations. *N Y Acad Sci Ann* 63 no5:704-5 '56
- Khanolkar, V. R. Biological study of mechanism of carcinogenesis. *Madras Univ J secB* 27:182-3 Ja '57
- Lewis, H. W. Studies on a melanoma-producing lethal in *Drosophila*. *J Exp Zool* 126:271-3 J1 '54
- Pack, George Thomas, and Ariel, Irving M. Tumors of the soft somatic tissues; a clinical treatise. Harper '58 incl bibliog
- Procházková, Marta. Bibliographia bohemoslovenica gynaecologico-obstetricia atque oncologica annorum 1945-1955. (Publicatio) Institutum documentacionis medicae '55 410p
- Selby, C. C. and others. Electron microscope studies of ascites tumor cells. *N Y Acad Sci Ann* 63 no5:766-7 '56

TUMORS—Continued

Tähti, Esko. Studies on the effect of X-radiation on 24-hour variations in the mitotic activity in human malignant tumors. Itr. by Elvi Kaukokallio (Sup 117) *Acta pathologica et microbiologica scandinavica* '56 p59-61

Vogt, Alfred. Diagnostik und strahlentherapie der geschwulstkrankheiten. Thieme '55 p343-61

See also

Cancer

Intracranial tumors

See also subhead Tumors under the following subjects

Acoustic nerve

Bones

Bronchi

Brain

Cerebellum

Jaws

Joints (anatomy)

Mouth

Ovaries

Skin

Spine

Ureters

Uterus

Transplantation

Sylvén, Bengt Erik Gustaf Wilhelm, and Malmgren, H. Histological distribution of proteinase and peptidase activity in solid tumor transplants; a histochemical study on the enzymic characteristics of the different tumor cell types. (Sup 154) *Acta radiologica* '57 p 115-24

TUMORS, Plant

Partanen, C. R. and others. Nuclear behavior in relation to abnormal growth in fern prothall. *Am J Bot* 42:255-6 Mr '55

Sparrow, A. H. and others. Tumor formation and other morphogenetic responses in an amphidiploid tobacco hybrid exposed to chronic gamma irradiation. *Am J Bot* 43: 387-8 Mr '56

TUNA fish

Iversen, E. S. and Yoshida, H. O. Notes on the biology of the wahoo in the Line islands. *Pac Sci* 11:378-9 O '57

Van Campen, Wilvan G. and Jøven, Earl E. Tunas and tuna fisheries of the world; an annot. bibliog. 1930-53. (U.S. Fish and wildlife service. Fishery bul, v57, no 111) U.S. Gov. ptg. office '56 p 175

TUNGSTEN

Ahlfeld, Friedrich. Zinn und wolfram. (Die metallischen rohstoffe, v 11) Enke '58 incl bibliog

Li, Kuo-ch'in, and Wang, Ch'ung-yu. Tungsten; its history, geology, ore-dressing, metallurgy, chemistry, analysis, applications, and economics. 3d ed (Am. chemical soc. Monograph no 130) Reinhold '55 incl bibliog

Millner, T. Über die naturwissenschaftlichen Grundlagen der erzeugung von metallischem wolfram für die vakuumtechnik und die beeinflussung seiner eigenschaften. *Acta Tech* 17 no 1-2:108-9 '57

United States. Business and defense services administration. Iron and steel division. Materials survey: tungsten; written by Paul Sacharov. The division '56 11p (at end)

TUNICATA

Krijgsman, B. J. Contractile and pacemaker mechanisms of the heart of tunicates. *Cambridge Philos Soc Biol R* 31:310-12 Ag '56

Yount, J. L. Distribution and ecologic aspects of central Pacific solpidae (tunicata). *Pac Sci* 12:128-30 Ap '58

See also

Ascidians

TUNISIA**Government publications**

Tunis. Bibliothèque nationale. Récapitulation des périodiques officiels parus en Tunisie de 1881 à 1955. par Hélène Pilipenko et Jean Rousset de Pina. The library '56 108, 10p

TUNKERS. *See* Church of the brethren**TUNNELS and tunneling**

Bardout, Georges, and Berny, Pierre. La construction des tunnels, galeries et souterrains. Eyrolles '54 p277-9

Hammond, Rolt. Tunnel engineering. Macmillan '59 incl bibliog

Smith, Harold. Channel tunnel. (Special subject lists, no24) Lib. assn. '58 11p

TURBELLARIA

Ax, Peter. Les turbellariés des étangs côtiers du littoral méditerranéen de la France méridionale. (Actualités scientifiques et industrielles, 1246; Vie et milieu. Sup. no5) Hermann '56 p206-12

Darlington, J. T. Turbellaria of two granite outcrops in Georgia. *Am Midl Natur* 61: 292-4 Ap '59

Du Bois-Reymond, M. E. On South American turbellaria. *Acad Brazil Ciencias Anais* 30: 405-7 S '58

Kenk, R. Fresh-water triclads (turbellaria) of Alaska. *U S Nat Mus Proc* 103:184-6 '56

See also

Otoplanidae

TURBINES*See also*

Gas turbines

TURBULENCE

Bogdonoff, S. M. and Kepler, C. E. Separation of a supersonic turbulent boundary layer. *J Aero Sci* 22:424+ Je '55

Hammit, A. G. Interaction of shock waves and turbulent boundary layers. *J Aero Sci* 25:355-6 Je '58

Janssens, Paul. Sur le rôle des corrélations en turbulence homogène. (Acad. royale des sciences, des lettres et des beaux-arts de Belgique. Classe des sciences. Mémoires. Coll-in-octavo, Ser2, v30, no5) Palais des académies '57 p 101-9

Kuethe, A. M. Some features of boundary layers and transition to turbulent flow. *J Aero Sci* 23:451-2+ My '56

Lake, Herman. Meteorological analysis of clear air turbulence; a rep. on the U.S. synoptic high-altitude gust program. (Geophysics research directorate. Geophysical research paper, no47; Technical rep. 56-201) Cambridge research center, U.S. Air force '56 p60-3

Lin, C. C. Aspects of the problem of turbulent motion. *J Aero Sci* 23:460-1+ My '56

Ogura, Y. On the isotropy of large-scale disturbances in the upper troposphere. *J Meteorol* 15:381-2 Ag '58

Ogura, Y. Temperature fluctuations in an isotropic turbulent flow. *J Meteorol* 15:545-6 D '58

Priestly, Charles Henry Brian. Turbulent transfer in the lower atmosphere. Univ. of Chicago press '59 p 117-25

Ross, D. New approach to turbulent boundary layer problems. *Am Soc Civil Eng Proc* 81 [no 604]:11-12 Ja '55

Townsend, Albert Alan. Structure of turbulent shear flow. (Cambridge monographs on mechanics and applied mathematics) Cambridge '56 p308-11

TURGENEV, Ivan Sergeevich, 1818-1883

Brang, P. I. S. Turgenyev in der russischen literaturwissenschaft. 1917-1954. *Z Slaw Philol* 24 no 1:182-215; no2:358-410 '55-'56

Yarmolinsky, Avrahm. Turgenyev, the man, his art and his age. *Orion* 59 p393-5 annot

TURING, Alan Mathison, 1912-1954

Newman, M. H. A. Alan Mathison Turing, 1912-1954. (In Royal society of London. Biographical memoirs of the fellows of the Royal society, 1955. The society '55 p263)

TURKESTAN

Hayit, Baymirza. Turkestan im XX. Jahrhundert. (Forschungen zur neuen geschichte der völker Osteuropas und Asiens, v 1) Leske '56 p379-85

TURKESTAN, Chinese. *See* Sinkiang, China**TURKEY**

Spuler, Bertold, and Forrer, Ludwig. Der Vordere Orient in islamischer zeit. (Wissenschaftliche forschungsberichte. Geisteswissenschaftliche reihe, v21. Orientalistik no3) Francke '54 248p

Civilization

Spencer, R. F. Culture process and intellectual current: Dürkheim and Atatürk. *Am Anthropol* 60:656-7 Ag '58

Economic conditions

United States. Bureau of foreign commerce. Investment in Turkey; basic information for U.S. businessmen. U.S. Gov. ptg. office '56 p 183-6

Foreign relations

Kiliç, Altınur. Turkey and the world; introd. [by] William O. Douglas. Public affairs press '59 p215-19

History

Alderson, Anthony Dolphin. Structure of the Ottoman dynasty. Oxford '56 p 131-9

TURKEY—Continued

Mercanligil, Muharrem Doğdu. Atatürk ve devrim kitapları katalogu. Catalogue des ouvrages concernant Atatürk et la révolution turque. Catalogue of books on Atatürk and the Turkish revolution. Verzeichnis der bücher über Atatürk und die türkische revolution. (Bitlis ili kültür ve eğitim derneği yayınları, no 1) Yeni matbaa '53 95p

Price, Morgan Philips. History of Turkey: from empire to republic. Allen '56 incl bibliog

Politics and government

Ramsaur, Ernest Edmondson. Young Turks; prelude to the revolution of 1908. (Princeton oriental studies: social science, 2) Princeton univ. press '57 p 158-73

TURKEYS

Carson, J. D. and others. Semen production in the turkey male. Poultry Sci 34:342-3, 347, 355 Mr '55

Marsden, S. J. and others. Relationships among diet composition, fleshing, fatness, and edible quality of female roasting turkeys. Poultry Sci 36:645-6 My '57

TURKISH language**Dictionaries**

Redhouse, Sir James William. Yeni Redhouse lügati, ingilizce-türkçe. Rev. Redhouse dictionary. English-Turkish. 2d ed and rev ed [eds: J. K. Birge and others] Am. bord nesriyat dairesi '53 p x-xviii

Etymology

Kahane, Henry Romanos, and others. Lingua franca in the Levant; Turkish nautical terms of Italian and Greek origin. Univ. of Ill. '58 p616-38

Foreign words and phrases

Kahane, Henry Romanos, and others. Lingua franca in the Levant; Turkish nautical terms of Italian and Greek origin. Univ. of Ill. '58 p616-38

TURKISH manuscripts. See Manuscripts, Turkish

TURKO-TATARIC languages**See also**

Altaic languages

TURKO-TATARIC philology

Loewenthal, Rudolf. Turkic languages and literatures of central Asia, a bibliography. The author '56 173p

—Same. (Central Asiatic studies, 1) Mouton '57 212p

TURKS in Bulgaria

Kostanick, Huey Louis. Turkish resettlement of Bulgarian Turks, 1950-1953. (Calif. Univ. Pubs. in geography, v8, no2) Univ. of Calif. press '57 p 145-6

TURKS in the Crimea

Kirimal, Edige Mustafa. Der nationale kampf der Krimtürken mit besonderer berücksichtigung der jahre 1917-1918. Lechte '52 p331-41

TURNBULL, Hubert Maitland, 1875-1955

Bedson, S. Hubert Maitland Turnbull, 1875-1955. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p301-4)

TURNER, Frederick Jackson, 1861-1932

Beck, Roland H. Die frontiertheorie von Frederick Jackson Turner 1861-1932; darlegung und kritik von Turners Interpretation der amerikanischen geschichte. Europa-verlag '55 p 101-10

TURNING

Abell, Sydney George, and others. Bibliography of the art of turning and lathe and machine tool history with additional references to books and periodical articles which are of interest in relation to these subjects; trs. by Henry Herbert Kolm. 2d ed rev & enl Soc. of ornamental turners '56 89p

TURTLES

Villiers, André. Tortues et crocodiles de l'Afrique noire française. (Initiations africaines, 15) Inst. français d'Afrique noire '53 p341-54

TWAIN, Mark, pseud. See Clemens, S. L.

TWENTIETH century

Bruun, Geoffrey. World in the twentieth century. 3d ed Heath '57 p739-93

TWINS

Shelton, R. L. and others. Tongue thrusting in one of monozygotic twins. J Speech & Hear Dis 24:117 My '59

2,4-D (dichlorophenoxyacetic acid)

Barrier, G. E. and Loomis, W. E. Absorption and translocation of 2,4-dichlorophenoxyacetic acid and P³² by leaves. Plant Physiol 32:230-1 My '57

Bell, G. R. Some morphological and biochemical characteristics of a soil bacterium which decomposes 2,4-dichlorophenoxyacetic acid. Can J Microbiol 3:838-40 O '57

Crafts, A. S. and Yamaguchi, S. Comparative tests on the uptake and distribution of labeled herbicides by zebrina pendula and tradescantia fluminensis. Hilgardia 27 no 16:439-40 Ag '58

Fults, J. L. and Payne, M. G. Effect of 2,4-D and maleic hydrazide on sprouting, yields and color in red McClure potatoes. Am Potato J 32:457-9 D '55

Hay, J. R. and Thimann, K. V. Fate of 2,4-dichlorophenoxyacetic acid in bean seedlings. Plant Physiol 31:386-7 S '56

Leonard, O. A. Studies on the absorption and translocation of 2,4-D in bean plants. Hilgardia 28 no5:159-60 N '58

Shaw, W. C. and others. Effect of 2,4-dichlorophenoxyacetic acid (2,4-D) on wheat, oats, barley and the legumes underseeded in these crops. (Research bul. 761) Ohio agricultural experiment station '55 p23-4

Wedding, R. T. and Erickson, L. C. Role of pH in the permeability of chlorella to 2,4-D. Plant Physiol 32:512 N '57

TYL, Josef Kajetan, 1808-1856

Kniha, Prague, Josef. Kajetan Tyl, A. II. 1808-11. VII. 1856; výkladovou část napsali Miroslav Kačer a Mojmir Otruba; bibliog. část uspořádal Miroslav Laiske. The library '56 p 17-51

TYPESETTING

Thomson, Marie Currie, and Hughes, William Horace. Photo-typesetting. (Special subject lists, no 14) Lib. assn. '57 19p

TYPEWRITING

Rahe, Harves. Typewriting research index, 1900-1954. rev ed The author '54 44p

Study and teaching

Robinson, C. What do we really know about teaching typewriting? J Bsns Educ 33:121-2 D '57

TYPHOONS

Hatakeyama, H. Recent researches on typhoons in Japan. Meteorol & Geophysics 5:111-13 S '54

Nupen, W. and Rigby, M. Annotated bibliography on tropical cyclones, hurricanes and typhoons. Meteorol Abstr & Bibliog 7: 1115-63 S '56

UNESCO symposium on typhoons, Tokyo, 1954. Proceedings. UNESCO '55 incl bibliog

TYPHUS fever

Magalhães, Octavio de. Contribuição ao conhecimento das doenças do grupo tifo exantemático. (Rio de Janeiro. Inst. Oswaldo Cruz. Monografias, no6) Dept. de imprensa nacional '52 p897-968

Whitmire, C. E. and Downs, C. M. Effects of cortisone on experimental murine typhus. J Bact 74:423-4, 431, 437-8 O '57

TYPOGRAPHY. See Printing**TYRANNY.** See Despotism**TYRRELL, Joseph Burr, 1858-1957**

Moore, E. S. Memorial to Joseph Burr Tyrrell. Geol Soc Am Proc 1957:168-70 '58

U**UAXACTUN, Guatemala**

Smith, Robert Eliot. Ceramic sequence at Uaxactun, Guatemala. (Pub. no20) Middle Am. research inst, Tulane univ. '55 2v v 1, p205-11

UERDINGEN, Germany

Föhl, Walther. Uerdinger bibliographie. Verlag des Uerdinger heimatbundes '55 120p

UGANDA**Social conditions**

Larimore, Ann Evans. Alien town; patterns of settlement in Busoga, Uganda; an essay in cultural geography. (Research paper, no55) Dept. of geography, Univ. of Chicago '59 p202-8

UGARITIC language

Gray, John. Krt text in the literature of Ras Shamra; a social myth of ancient Canaan. (Documenta et monumenta Orientis antiqui, v5) Brill '55 p60-3

UHLENHUTH, Paul, 1870-1957

Fromme, W. and Kathe, J. Paul Uhlenhuths veröfentlichungen, 1893-1956. Z Immunitätsforsch & Exp Therap 115:239-73 Ap '58

UKRAINE

Chicago. University. Bibliography of Ukraine: prepared by the University for Human relations area files. (Behavior science bibliogs) The university '56 20p

Horak, Stefan. Ukraine in der internationalen politik, 1917-1953; verträge, abkommen, deklarationen, noten und interventionen, zeittafel- und literaturangaben. Verlag Ukraine '57 p43-6

History

Dushnyck, Walter. In quest of freedom. 1918-1958; in commemoration of the 40th anniversary of Ukrainian independence. Ukrainian congress com. of Am. '58 p89-90

Politics and government

Luckyj, George Stephen Nestor. Literary politics in the Soviet Ukraine, 1917-1934. (Columbia univ. Russian inst. Studies) Columbia univ. press '56 p273-92

Majstrenko, Iwan. Borot'bism; a chapter in the history of Ukrainian communism; tr. by George S. N. Luckyj with the assistance of Ivan L. Rudnytsky; ed. by Peter Dornan; foreword by George S. N. Luckyj. (Studies on the U.S.S.R. no9) Research program on the U.S.S.R. '54 p287-98

UKRAINIAN language**Dialects**

Pezhans'kyi, M. and Hryhorovych, Ol. Spysok slovnykiv U.A.N.; a list of Ukrainian terminological dictionaries available in the U.S. and Canada. The authors '55 6, 6p

UKRAINIAN literature**History and criticism**

Luckyj, George Stephen Nestor. Literary politics in the Soviet Ukraine, 1917-1934. (Columbia univ. Russian inst. Studies) Columbia univ. press '56 p273-92

ULBRICHT, Walter, 1893-

Rudolph, J. Walter Ulbricht: eine auswahl seiner reden und schriften. Bibliothekar 12: 640-2 Je '58

Ulbricht, Walter. Zur geschichte der deutschen arbeiterbewegung; aus reden und aufsätzen, 1918-1950. 2d ed Dietz '53 3v p3, p791-8

ULCERS**See also**

Peptic ulcers

ULRICH von Türheim, 13th cent

Meissburger, Gerhard. Tristan und Isolde mit den weissen händen; die auffassung der minne der hebe und der ehe bei Gottfried von Strassburg und Ulrich von Türheim. Reinhardt '54 p 150-8

ULTRACENTRIFUGES. See Centrifuges**ULTRASONIC testing**

Great Britain. Admiralty centre for scientific information and liaison. Library. Selected bibliography of published references to ultrasonic non-destructive testing; comp. by H. L. R. Hinkley. (Bibliog. 9) The library '52 36p

ULTRASONIC waves

Ånberg, Åke. Ultrastructure of the human spermatozoon: an electronmicroscopic study of spermatozoa from sperm samples and the epididymis incl. some observations of the spermatid. (Acta obstetricia et gynecologica scandinavica. v36. sup2) Cirkelförlaget '57 p 126-33

Grau, I. Versuche zur diffusionssteigerung an gerstenkörnern unter einwirkung von ultraschall. Halle Univ Wiss Z Math Naturw Reihe 7:373-4 Ap '58

Literatur über ultraschall: überreicht durch Siemens-Reiniger-werke A.G. Hirzel verlag '50? 23p

Peeler, R. L. and Green, J. Measurement of bulk modulus of hydraulic fluids. Am Soc Test Mat Bul 235:55-7 Ja '59

See also

Shock waves

Physiological effect

Kelly, Elizabeth, ed. Ultrasound in biology and medicine: a symposium sponsored by the Bioacoustics laboratory of the Univ. of Ill. and the Physiology branch of the Office of naval research; held at Monticello, Ill. June 20-22, 1955. (Pub. no3) Am. inst. of biological sciences '57 incl bibliog

Therapeutic use

Kelly, Elizabeth, ed. Ultrasound in biology and medicine: a symposium sponsored by the Bioacoustics laboratory of the Univ. of Ill. and the Physiology branch of the Office of naval research; held at Monticello, Ill. June 20-22, 1955. (Pub. no3) Am. inst. of biological sciences '57 incl bibliog

ULTRASONICS

Bergmann, Ludwig. Der ultraschall und seine anwendung in wissenschaft und technik. 6th rev & enl ed Hirzel '54 p968-1088

—Nachtrag zum literaturverzeichnis der 1954 erschienenen 6. auflage. Hirzel '57 66p

ULTRAVIOLET rays

Dankwort, Peter Walter, and Eisenbrand, Josef. Lumineszenz-analyse im filtrierten ultra-violetten licht; ein hilfsbuch beim arbeiten mit den analysenlampen. 6th enl ed Geest & Portig '56 p204-98

Physiological effect**See also**

Amphibia, Effect of ultraviolet rays on Bacteria, Effect of ultraviolet rays on Fungi, Effect of ultraviolet rays on Plants, Effect of ultraviolet rays on

UMBELLIFERAE

Hiroe, Minosuke, and Constance, Lincoln. Umbelliferae of Japan. (Calif. Univ. Pubs. in botany. v30, no 1) Univ. of Calif. press '58 p 143-4

Mathias, Mildred Esther, and Constance, Lincoln. Genus oreomyrrhis (umbelliferae) a problem in South Pacific distribution. (Calif. Univ. Pubs. in botany. v27, no6) Univ. of Calif. press '55 p415-16

Rodríguez, Rafael Lucas. Systematic anatomical studies on myrrhidendron and other woody umbellales. (Calif. Univ. Pubs. in botany. v29, no2) Univ. of Calif. press '57 p280-92

UMBROGROVE, Johannes Herman Frederik, 1899-1954

Memorial to Johannes Herman Frederik Umbrograve (1899-1954) Geol Soc Am Proc 1956:178-81 S '57

UNAMANO Y JUGO, Miguel de, 1864-1936

García Blanco, Manuel. Don Miguel de Unamuno y sus poesías; estudio y antología de textos poéticos no incluidos en sus libros. (Acta salamanticensia. Ser. de filosofía y letras. v8) Univ. de Salamanca '54 p425-42

Graniel, Luis S. Retrato de Unamuno. (Colección Guardarrama de crítica y ensayo. 10) Ediciones Guardarrama '57 p365-88

Sedwick, F. Theses on Miguel de Unamuno at North American universities (to February, 1955) Ky Foreign Lang Q 3 no4:192-6 '56

UNANIMISM

Norrish, P. J. Drama of the group; a study of unanimism in the plays of Jules Romains. Cambridge '58 p 161-8

UNDERDEVELOPED areas

Bauer, Peter Tamás. Economic analysis and policy in underdeveloped countries. (Duke univ. Commonwealth-studies center. Pub. no4) Duke univ. press '57 p 129-37 annot

Berliner, Joseph S. Soviet economic aid; the new aid and trade policy in underdeveloped countries. (Council on foreign relations. Pub) Praeger '58 p224-8

Brand, Willem. Struggle for a higher standard of living; the problem of the underdeveloped countries. Free press '58 p417-30

Faris, Donald K. To plow with hope. Harper '58 p211-15

Hald, Marjorie. Selected bibliography on economic development and foreign aid. (Research memorandum. RM-2096) Rand corp. '57 93p

Hazlewood, Arthur. Economics of underdeveloped areas; an annot. reading list of bks, articles, and official publications. 2d enl ed Oxford '59 156p

Lee, Douglas Harry Kedgwin. Climate and economic development in the tropics. Harper '57 p 177-82

Myrdal, Gunnar. International economy, problems and prospects. Harper '56 p367-73

Randall, Darrell. Factors of economic development and the Okovango delta; some world relationships to, and problems of, planning for economic development of an underdeveloped area in Africa. (Program of education and research in planning. Research paper no3; Research paper no47) Dept. of geography, Univ. of Chicago '57 p256-63

UNDERDEVELOPED areas—Continued

- United nations. Library. Bibliography on industrialization in under-developed countries. Bibliographie de l'industrialisation dans les pays sous-développés. Bibliografía sobre la industrialización en los países insuficientemente desarrollados. (Bibliog. ser, no6) The organization '56 216p
- United States. Department of state. Office of intelligence research. Economic problems of underdeveloped areas: external research, a listing of recent studies. The office '56 59p
- Viet, Jan. Assistance to under-developed countries. L'assistance aux pays sous-développés; an annot. bibliography. (Reps. and papers in the social sciences, no8) UNESCO '57 83p
- Wolf, Charles, and Sufrin, Sidney Charles. Capital formation & foreign investment in underdeveloped areas; an analysis of research needs and program possibilities prepared from a study supported by the Ford foundation. (Syracuse univ. Maxwell graduate school of citizenship and public affairs. Maxwell school ser, 1) Syracuse univ. press '55 p69-117 annot
- Same. rev ed (Maxwell school ser [1]) Syracuse univ. press '58 p69-124 annot
- UNDERGROUND literature** (World war, 1939-1945) See World war, 1939-1945—Underground literature
- UNDERGROUND movements** (World war, 1939-1945) See World war, 1939-1945—Underground movements
- UNDERGROUND railroad**
- Breyfogle, William A. Make free; the story of the underground railroad. Lippincott '58 p277-9
- Henkle, Henrietta. Flight to freedom; the story of the underground railroad [by Henrietta Buckmaster, pseud] Crowell '58 p209-11
- UNDERWATER acoustics**
- See also
- Sonar
- UNDERWATER explosions**
- United States. Office of naval research. Underwater explosion research; a compendium of British and Am. reps, 1950; v 1, The shock wave. The office '51? incl biblog
- UNDERWATER physiology**
- National research council. Committee on undersea warfare. Proceedings of the underwater physiology symposium, January 10-11, 1955. Washington, D.C.; Loyal G. Goff, editor. (Pub. 377) The council '55 p 147-53
- UNDULANT fever.** See Brucellosis
- UNDULATORY theory.** See Wave motion. Theory of
- UNEMPLOYMENT**
- Bennett, Samuel V. Unemployment and relief from the local government point of view. (W. E. Upjohn inst. for community research, Rep) Public adm. service '56 p251-65
- Casselmann, Paul Hubert. Economics of employment and unemployment. Public affairs press '55 incl biblog
- See also
- Insurance, Unemployment
- Statistics
- United States. Department of commerce. Special advisory committee on employment statistics. Measurement of employment and unemployment by the Bureau of the census in its current population survey; rep. of the Special advisory com. on employment statistics. The committee '54 p A85-A87
- UNEMPLOYMENT insurance.** See Insurance, Unemployment
- UNFINISHED books**
- Krieg, Michael O. Mehr nicht erschienen; ein verzeichnis unvollendet gebliebener druckwerke; auf grund des von Moriz Grolig gesammelten materials bearb. und ergänzt. (Bibliotheca bibliog. v2) Krieg '54-'58 2v
- UNGARETTI, Giuseppe.** 1888-
- Ungaretti, Giuseppe. Life of a man; a version with introd. by Allen Mandelbaum. New Directions '53 p 159-61
- UNIFORMS, Military**
- Bucquoy, Eugène Louis. Bréviaire du collectionneur d'uniformes; renseignements, conseils, souvenirs. Imprimeries Humblot '53 p65-73
- Jeffries, Olen C. Military uniforms; a sel. and annot. bibliography. (Special bibliog. no5) Lib, Artillery & guided missile school, Fort Sill '55 27p

UNIFORMS, Naval. See Uniforms, Military

UNION catalogs. See Catalogs, Union

UNION OF SOUTH AFRICA. See South Africa

UNION OF SOVIET SOCIALIST REPUBLICS. See Russia

UNIT plan

Gilbaugh, John Wesley. How to organize and teach units of work in elementary and secondary schools. Modern education pubs. '57 incl biblog

UNITARIANISM

Hutchison, William R. Transcendentalist ministers; church reform in the New England renaissance. (Yale historical pubs: miscellany, 71) Yale univ. press '59 p209-21 annot

See also

Trinity

History

Wright, Conrad. Beginnings of Unitarianism in America. Beacon press '55 p292-4 annot

UNITED nations

Bümel, Willi L. Deutsches und ausländisches schrifttum über die organisation der Vereinten nationen, unter besonderer berücksichtigung des schrifttums zur revision der UN-charta. (Aktuelle bibliog. des Europaarchivs, no9) Inst. für europäische politik & wirtschaft '55 63p

Day, Georges. Le droit de veto dans l'organisation des Nations unies; préf. de Alexandre Parodi. Pedone '52 p239-41

Hoffmann, Stanley. Organisations internationales et pouvoirs politiques des états. (Fondation nat. des sciences politiques. Cahiers, no52) Colin '54 p419-28

Hotz, Alfred. United nations; new perspectives. Church peace union; World alliance for int. friendship through religion '55 p 68-70

Murray, James N. United Nations trusteeship system. (Ill. studies in the social sciences, v40) Univ. of Ill. press '57 p274-7

National education association of the United States. Committee on international relations. Selected and annotated bibliography of resource materials for teaching about the United nations. The committee '58? 28p annot

Toussaint, Charmian Edwards. Trusteeship system of the United nations. (Lib. of world affairs, no33) Praeger '56 p263-74

United nations. Department of public information. Teaching about the United nations and the specialized agencies; a sel. bibliography. (Educational studies and docs, no29) Education clearing house, UNESCO '59 60p annot

United nations. Library. Bibliography of the charter of the United nations. Bibliographie de la charte des Nations unies. (Bibliog. ser, no3) United nations '55 183p

United nations. Library. Checklist of United nations documents. The library. See numbers

United nations. Library. United nations documents index; United nations and specialized agencies documents and publications. The library. See numbers

United States. Congress. Senate. Committee on foreign relations. Review of the United nations charter; a coll. of documents. (U.S. 83d Congress, 2d sess, 1953. Senate. Doc. no87) U.S. Gov. ptg. office '54 p884-95

Weik, Mary Hays. Towards a new world; a bibliog. of United nations and world affairs. (World community ser, no7) Am. federation of world citizens '55 5p

Yakemtchouk, Romain. L'O.N.U.; la sécurité régionale et le problème du régionalisme. (Louvain. Univ. catholique. Ecole des sciences politiques et sociales. Coll. no 150) Pedone '55 p276-97

Economic commission for Europe

Wightman, David. Economic co-operation in Europe; a study of the United Nations economic comm. for Europe. Praeger '56 p269-74

UNITED nations—*Continued*

Privileges and immunities

King, John Kerry. International administrative jurisdiction, with special reference to the domestic laws and practices of the United States of America; a rep. of the Am. sec. of the Int. inst. of adm. sciences. Int. inst. of adm. sciences '52 p224-8

Burma

Trager, Frank N. and others. Burma's role in the United Nations, 1948-1955. Int. secretariat, Inst. of Pacific relations '56 p59-100 annot

Hungary

Mezerik, A. G. ed. Hungary and the United Nations. (v4, no40) Int. review service '58 p34-6

Kashmir

Khan, Mohammed Matainur Rahman. United Nations and Kashmir. Wolters '54 p204-13

Latin America

Houston, John Albert. Latin America in the United Nations; foreword by Ricardo J. Alfaro. (United Nations studies, no8) Carnegie endowment '56 p319-30

Russia

United States. Department of state. Library division. Soviet non-cooperation in supplying information to the United Nations; sel. material sup. United Nations documentation. (Bibliog. list no69) The services '52 8p

United States

Riggs, Robert Edwon. Politics in the United Nations; a study of U.S. influence in the General assembly. (III, studies in the social sciences, v41) Univ. of Ill. press '58 p 189-94

UNITED STATES

Books about contemporary American life and its origins: 350 titles sel. by the Carnegie corporation. Bks U S A 1:531-58 O '57 annot

Deutsche amerikakundliche veröffentlichungen, 1955[1-1956-57] (mit nachträgen) Jahrb Amerikastud 2:265-82; 3:238-61 '57-'58

Fabian, B. and Frebel, P. Deutsche amerikanistische veröffentlichungen, 1945-1954. Jahrb Amerikastud 1:184-206; 2:231-64 '56-'57

Plischke, Elmer. American diplomacy; a bibliog. of biographies, autobiographies, and commentaries. Bur. of governmental research, College of business and public adm, Univ. of Md. '57 27p

Rienow, Robert. American problems today. 2d ed Heath '58 p683-99 annot

This is the U.S.A. N Y Pub Lib Br Lib Bk News 37:3-10 O '59 annot

United States. Information service. Paris. Les Etats-Unis à travers les livres; répertoire d'ouvrages disponibles en librairie au 15 mai 1952. The service '52 192p

Air force

History

Dornbusch, Charles Emil. Unit histories of the United States air forces; incl. privately ptd. personal narratives. Hampton bks. '58 56p annot

Goldberg, Alfred, ed. History of the United States air force, 1907-1957 [contributors] Wilhelmine Burch [and others] Van Nostrand '57 p259-63

American production mission in China

United States. National archives. Preliminary inventory of the records of the American war production mission in China. (record group 220) comp. by John E. Maddox. (Prelim. inventories, no88) The archives '55 10p

Antiquities

Robbins, Roland Wells, and Jones, Evan. Hidden America. Knopf '59 p261-4 annot

See also

Indians of North America—Antiquities

Kensington rune stone

Armed forces

American council on education. Your life plans and the armed forces; prepared under the direction of the Defense com. of the North central assn. of colleges and secondary schools. The council '55 p 147-9 annot

United States. Air university. Libraries. Military management; sel. references in AU library. (Special bibliog. no 143) Gunter Air force base '57 26p

United States. Department of the army. Army library. Informational activities of the U.S. armed services [by the Research and bibliog. sec. of the Library] The department '59 30p

Education

American council on education. Conclusions and recommendations on a study of the general educational development testing program, by the Com. on the evaluation of the Tyler fact-finding study of the Council; drawn from the fact-finding study, the testing program of the United States armed forces inst. by Ralph W. Tyler, as summarized by Thomas A. Kenefick. The council '56 p68-72

Uniforms

Jeffries, Olen C. Military uniforms; a sel. and annot. bibliography. (Special bibliog. no5) Artillery & guided missile school lib. '55 27p

Army

Boatner, Mark Mayo. Military customs and traditions. McKay '56 p 171-6 annot

Drucker, A. J. Predicting leadership ratings in the United States army. Educ & Psychol Meas 17:261-3 Summer '57

United States. Superintendent of documents. Army. (Price list 19, 48th ed) U.S. Gov. ptg. office '59 11p

Artillery

Downey, Fairfax Davis. Sound of the guns; the story of Am. artillery from the ancient and honorable company to the atom cannon and guided missile. McKay '56 p307-42

United States. Army artillery and missile school. Fort Sill, Oklahoma. Library. Basic reading list for artillerymen. (Special bibliog. no 18) The library '58 14p

Artillery—History

United States. Artillery and guided missile school, Fort Sill, Oklahoma. Artillery unit histories; bks, brochures, journal articles and mss; prepared by Paul R. Zaccarine and Claude C. Noyes. (Special bibliog. no6) The school '55 157p

Biography

Jeffries, Olen C. Noted American military leaders of past wars; a sel. bibliography. (Special bibliog. no9) Artillery & guided missile school lib. '56 39p

Corps of engineers

Hill, Forest Garrett. Roads, rails & waterways; the army engineers and early transportation. Univ. of Okla. press '57 p227-36

History

Dornbusch, Charles Emil. Histories of American army units, World wars I and II and Korean conflict, with some earlier histories. Lib. & service club branch, Special services div, Dept. of the army '56 310p

Dupuy, Richard Ernest. Compact history of the United States army. Hawthorn bks. '56 p297-300

Rosebush, Waldo Emerson. Frontier steel; the men and their weapons. Nelson '58 p333-6

United States. Department of the Army. Office of military history. Army lineage book; v2, Infantry. U.S. Gov. ptg. office '53 incl bibliog

Management

United States. Department of the army. Army library. Programming its broad aspects; a sel. list of titles. (Special bibliog. no9) The library '56 26p

Military railway service

Gray, Carl Raymond. Railroad in eighteen countries; the story of Am. railroad men serving in the Military railway service, 1862 to 1953. Scribner '55 p323-7

Personnel management

Ginzberg, Eli, and others. Ineffective soldier; lessons for management and the nation; with a foreword by Howard McC. Snyder. Columbia univ. press '59 3v v 1, p213-20; v2, p277-9; v3, p329-34

UNITED STATES—Army—Continued

Veterinary service

- Grimes, G. M. Military veterinarian's role in the fresh milk supply for United States Armed forces in Europe. *Am Vet Med Assn J* 132:152 F 15 '58
- Thompson, S. W. and Leikind, M. C. Evolution of the military veterinarian in the United States. *Am Vet Med Assn J* 132: 143-4 F 15 '58

Artillery & guided missile school, Fort Sill, Oklahoma

- Holloway, O. Willard. History & development of Fort Sill; a sel. & annot. bibliography. (Special biblog. no4) Lib, Artillery & guided missile school, Fort Sill '55 5p

Biography

- Ahlers, Eleanor E. Enriching American history; an annot. bibliog. of fiction and biography for high school. (Curriculum bul. no 173) School of education, Univ. of Ore. '57 49p annot
- Kennedy, John Fitzgerald. Profiles in courage. Harper '56 p249-61
- Larson, Cedric Arthur. Who: sixty years of American eminence; the story of Who's who in America. McDowell '58 p377-80
- Lillard, Richard Gordon. American life in autobiography; a descriptive guide. Stanford univ. press '56 140p annot
- Madison, Charles Allan. Critics & crusaders; cent. of Am. protest. 2d ed Ungar '59 p621-39
- Middle states council for the social studies. Bibliography committee. Bibliography of historical fiction and biography of the Middle Atlantic states. (Resource bul. no 1) The committee '58 26p annot
- United States. Superintendent of documents. American history. (Price list 50, 41st ed) U.S. Gov. ptg. office '57 24p

See also

- United States—History—Civil war—Biography
- Women in the United States—Biography

Census

- United States. Bureau of the census. Census tract publications since 1950; annot. bibliog; prepared under the supervision of Clarence E. Batschelet. The bureau '54 35p
- United States. Superintendent of documents. Census publications. (Price list 70, 35th ed) U.S. Gov. ptg. office '59 21p

Church history

- Dawley, Powell Mills. Episcopal church and its work. (Church's teaching v6) Seabury '55 p291-302 annot
- Hall, Thomas Cuming. Religious background of American culture. (Am. classics) Ungar '59 p315-43
- Handy, R. T. Survey of recent literature: American church history. *Church Hist* 27: 161-5 Je '58
- Vollmar, E. R. Writings on the history of religion in the United States, 1956[-1958] Manuscripta 1:81-8; 2:74-83; 3:67-75 Jl '57, Jl '58, Jl '59

See also

- Sects—United States

Civilization

- Arensberg, C. M. American communities. *Am Anthropol* 57:1160-2 D '55
- Baldwin, Leland Dewitt. Meaning of America; essays toward an understanding of the Am. spirit. Univ. of Pittsburgh press '55 p321-2
- Bode, Carl. Anatomy of American popular culture, 1840-1861. Univ. of Calif. press '59 p277-81 annot
- Burns, Edward McNall. American idea of mission; concepts of nat. purpose and destiny. Rutgers univ. press '57 p363-9
- Graham, Saxon. American culture; an analysis of its development and present characteristics. (Harper's social science ser) Harper '57 incl bibliog annot
- Hallowell, A. I. Impact of the American Indian on American culture. *Am Anthropol* 59: 214-17 Ap '57
- Gluckhohn, C. Evolution of contemporary American values. *Daedalus* 87:107-9 Spring '58

- Knolles, George Harmon. Jazz age revisited: British criticism of Am. civilization during the 1920's. (Stanford univ. Pubs. Univ. ser: History, economics, and political science, v 11) Stanford univ. press '55 p 139-64 annot

- Lerner, Max. America as a civilization: life and thought in the United States today. Simon & Schuster '57 p355-98 annot
- Marx, Leo. Selected list of books for the study of American society. Program in Am. studies, Univ. of Minn. '55? 31, 10p
- Mason, L. Characterization of American culture in studies of acculturation. *Am Anthropol* 57:1276-9 D '55
- New York (state). Bureau of secondary curriculum development. American history bibliography; prepared for use with the handbook, Teaching Am. history. The bureau '56 112p

- Our changing society. N Y Pub Lib Br Lib Bk News 36:28-34 F '59 annot
- Vogt, E. Z. American subcultural continua as exemplified by the Mormons and Texans. *Am Anthropol* 57:1171-2 D '55
- Woods, Frances Jerome. Cultural values of American ethnic groups. (Harper's social sciences ser) Harper '56 p361-79

See also

- United States—Intellectual life

History

- Boorstin, Daniel Joseph. Americans; the colonial experience. Random house '53 p375-421 annot

Study and teaching

- Skard, Sigmund. American studies in Europe; their history and present organization; in cooperation with the Dept. of Am. civilization, Graduate school of arts and sciences, Univ. of Pennsylvania. (Oslo. Univ. Am. inst. Pubs) Univ. of Pa. press '58 2v v2, p660-8

Climate

- Havens, James M. Annotated bibliography of meteorological observations in the United States, 1715-1818. (Key to meteorological records doc. no5.11) U.S. Weather bur. '58 14p
- United States. Weather bureau. History of climatological publications; a history of pubs. containing climatological data. (Key to meteorological records doc. no41) The bureau '58 34p

Coast guard

- United States. Superintendent of documents. Navy. (Price list 63, 38th ed) U.S. Gov. ptg. office '59 15p

Colonies

- See United States—Insular possessions

Commerce

- Chamber of commerce of the United States. Foreign commerce department. Introduction to doing import and export business. 5th rev ed The chamber '59 p 131-7
- MacDonald, Philip. Practical exporting and importing. 2d ed Ronald '59 p541-4
- Ullman, Edward Louis. American commodity flow; a geographical interpretation of rail and water traffic based on principles of spatial interchange. Univ. of Wash. press '57 p 207-13
- United States. Bureau of foreign commerce. Checklist of world trade information service reports, and other current publications. The bureau '58 18p
- United States. Superintendent of documents. Domestic commerce. (Price list 62, 34th ed) U.S. Gov. ptg. office '57 26p
- See also
- Interstate commerce

History

- Barger, Harold. Distribution's place in the American economy since 1869. (Nat. bur. of economic research. General ser, no58) Princeton univ. press '55 p 152-215

Commercial policy

- Anderson, Thomas Joel. Our competitive system and public policy. South-western pub. '58 incl bibliog
- Malone, George Wilson. Mainline. Long house inc. '58 p 105-21
- Rau, Allan. Agricultural policy and trade liberalization in the United States, 1934-1956; a study of conflicting policies. (Etudes d'histoire économique, politique et sociale, 21) Droz '57 p 151-60

UNITED STATES—Continued

Congress

Fraga Iribarne, Manuel. La reforma del Congreso de los Estados Unidos; la L.R.A. de 1946. Ediciones cultura hispánica '51 p423-33
MacLean, Joan Coyne, ed. President and Congress; the conflict of powers. (Reference shelf, v27, no 1) Wilson '55 p207-18

Powers and duties

United States. National archives. Preliminary inventory of the records of the Select committee of the House of representatives to investigate acts of executive agencies beyond the scope of their authority, 1943-46. (Record group 233) comp. by George P. Perros. (Prelim. inventories, no84) The archives '55 64p

Constitution

Chafee, Zechariah. Three human rights in the Constitution of 1787. Univ. of Kan. press '56 p224-7 annot
O'Brien, F. William. Justice Reed and the first amendment; the religion clauses. Georgetown '58 p243-51

Bill of rights

New York city freedom agenda committee. Law of the Bill of rights; a rep. on an experiment in community education; in collaboration with the Assn. of the bar of the city of New York. The committee '58 p23-6

Constitutional history

James, Joseph Bliss. Framing of the Fourteenth amendment. (Ill. studies in the social sciences, v37) Univ. of Ill. press '56 p204-10
Perry, Richard L. ed. Sources of our liberties; documentary origins of individual liberties in the U.S. constitution and Bill of rights; under the general supervision of John C. Cooper. Am. bar foundation '59 p41-5
Rickard, John Allison, and McCrocklin, James H. Our national constitution: origins, development and meaning. Stackpole co. '55 incl bibliog

Constitutional law

Schmidhauser, John Richard. Supreme court as final arbiter in federal-state relations, 1789-1957. Univ. of N.C. press '58 p231-5
Tresolini, Rocco John. American constitutional law. Macmillan '59 p660-5
United States. Department of the army. Army library. Selected bibliography in constitutional law and administrative law, with reference lists; rev. to date by Clayton R. Gibbs. The library '55 61p

Consular service

See United States—Diplomatic and consular service

Court of military appeals

United States. Court of military appeals. Law library. Bibliography of articles concerning: United States Court of military appeals, Uniform code of military justice, military justice and related misc. subjects. The library '56 1v

Defenses

Furniss, Edgar Stephenson. American military policy; strategic aspects of world political geography. Rinehart '57 p475-84
Millis, Walter, and others. Arms and the state; civil-military elements in nat. policy. (Project on civil-military relations) Twentieth cent. fund '58 p415-20 annot
Stanley, Timothy W. American defense and national security; foreword by Robert Cutler. Public affairs press '56 p 189-92
United States. Department of the army. Army library. United States national security. (Special bibliog. no7) The library '56 218p
United States. Research and development board. Committee on human resources. Panel on human engineering and psychophysiology. Human engineering in the national defense. The board '53 p8-10 annot
United States. Superintendent of documents. Defense. Veterans affairs. (Price list 85, 4th ed) U.S. Gov. ptg. office '59 28p

Description and travel

Shaw, Earl B. Anglo-America; a regional geography. Wiley '59 incl bibliog
Tryon, Warren Stenson, ed. Mirror for Americans; life and manners in the United States, 1790-1870, as recorded by Am. travelers. Univ. of Chicago press '52 3v v3, p783-91

Diplomatic and consular service

Glanville, Juan L. Careers in the diplomatic service. 3d ed rev & enl (Monograph no 1) World trade '57 p26-7

Economic conditions

Associated university bureaus of business and economic research. Index of publications of bureaus of business and economic research, 1950-1956. The bureaus '57 np
Federal reserve board publications. See numbers of Federal reserve bulletin
Fine, Sidney. Laissez faire and the general-welfare state; a study of conflict in Am. thought, 1865-1901. (Mich. Univ. Pubs. History and political science, v22) Univ. of Mich. press '56 p401-45
Fite, Gilbert Courtland, and Reese, Jim Eanes. Economic history of the United States. Houghton '59 p673-701 annot
Hays, Samuel Pfrimmer. Response to industrialism, 1885-1914. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 198-205 annot
Robertson, Ross M. History of the American economy; under the general editorship of Albert Gallard Hart. Harcourt '55 p576-85
Smith, Howard Ross. Economic history of the United States. Ronald '55 p725-36 annot
Soule, George Henry, and Carosso, Vincent P. American economic history. Dryden '57 p575-632 annot
Wright, Alfred J. United States and Canada; a regional geography. 2d ed Appleton '56 incl bibliog
Zinke, George W. American economy; an introd. analysis. Ronald '59 incl bibliog

Economic history

Harper, L. A. and others. Recent contributions to economic history. J Econ Hist 19: 1-75 Mr '59

Economic policy

Bidwell, Percy W. Raw materials; a study of Am. policy. (Council on foreign relations. Pubs) Harper '58 p378-96
Fusfeld, Daniel Roland. Economic thought of Franklin D. Roosevelt and the origins of the New deal. (Columbia studies in the social sciences, no586) Columbia univ. press '56 p305-20 annot

Executive departments

United States. National archives. Preliminary inventory of the records of the Select committee of the House of representatives to investigate acts of executive agencies beyond the scope of their authority, 1943-46. (record group 233) comp. by George P. Perros. (Prelim. inventories, no84) The archives '55 64p

Exploring expeditions

United States. National archives. Preliminary inventory of the cartographic records of the Office of the Secretary of the interior (Record group 48) comp. by Laura E. Kelsay. (Prelim. inventories, no81) The archives '55 11p
United States. Superintendent of documents. National parks, historic sites, national monuments. (Price list 35, 38th ed) U.S. Gov. ptg. office '58 11p

Fiction

Coan, Otis Welton, and Lillard, Richard Gordon. America in fiction; an annot. list of novels that interpret aspects of life in the United States. 4th ed Stanford univ. press '56 200p annot

Foreign economic relations

Gardner, Richard N. Sterling-dollar diplomacy; Anglo-Am. collaboration in the reconstruction of multilateral trade. Oxford '56 p393-412

UNITED STATES—Foreign economic relations

—Continued

- Matecki, Bronislaw Eugene. Establishment of the International finance corporation and United States policy; a case study in int. organization. Praeger '57 p 183-5
 Mouzon, Olin T. International resources and national policy. Harper '59 p173-31

Foreign population

- Anti-defamation league of B'nai B'rith. Immigration and citizenship; a sel. bibliography. The league '56 16p
 Woods, Frances Jerome. Cultural values of American ethnic groups. (Harper's social sciences ser) Harper '56 p361-79

See also

- Americanization
 Greeks in the United States
 Irish in the United States
 Italians in the United States
 Japanese in the United States
 Mexicans in the United States
 Norwegians in the United States
 Poles in the United States
 Puerto Ricans in the United States
 Swedes in the United States
 United States—Race problems

Foreign relations

- Adler, Selig. Isolationist impulse; its twentieth cent. reaction. Abelard-Schuman '57 p458-510
 Bailey, Thomas Andrew. Diplomatic history of the American people. 5th ed (Crofts Am. history ser) Appleton '55 incl bibliog annot
 —Same. 6th ed Appleton '58 incl bibliog annot
 Bemis, Samuel H. Short history of American foreign policy and diplomacy. Holt '59 incl bibliog annot
 Campbell, John C. Defense of the Middle East; problems of Am. policy. (Council on foreign relations. Pubs) Harper '58 p361-80 annot
 Carroll, Holbert N. House of Representatives and foreign affairs. Univ. of Pittsburgh press '58 p351-7
 Cohen, Bernard C. Influence of non-governmental groups on foreign policy-making; foreword by Max F. Millikan. (Studies in citizen participation in int. relations. v2) World peace '59 p24-6
 De Conde, Alexander, ed. Isolation and security; ideas and interests in twentieth cent. Am. foreign policy; contributors: William R. Allen (and others) Duke univ. press '57 p 184-93 annot
 De Conde, Alexander. New interpretations in American foreign policy. Service center for teachers of history '57 31p
 Drummond, Donald Francis. Passing of American neutrality, 1937-1941. (Mich. Univ. Pubs. History and political science. v20) Univ. of Mich. press '55 p383-96
 Dulles, Foster Rhea. Imperial years. Crowell '56 p314-25 annot
 Ferrell, Robert H. American diplomacy in the great depression; Hoover-Stimson foreign policy, 1929-1933. (Yale univ. Yale historical pubs. Studies, 17) Yale univ. press '57 p283-308 annot
 Furniss, Edgar Stephenson. American military policy; strategic aspects of world political geography. Rinehart '57 p475-84
 Furniss, Edgar Stephenson, and Snyder, Richard Carlton. Introduction to American foreign policy. Rinehart '55 incl bibliog annot
 Gange, John. American foreign relations; permanent problems and changing policies. Ronald '59 p574-9 annot
 Graebner, Norman A. New isolationism; a study in politics and foreign policy since 1950. Ronald '56 p265-75
 Kissinger, Henry Alfred. Nuclear weapons and foreign policy; foreword by Gordon Dean; pub. for the Council on foreign relations. Harper '57 p437-55 annot
 Lefever, Ernest W. Christian ethics and U.S. foreign policy; an annot. reading list and guide to current information. Dept. of int. justice & goodwill, Nat. council of the churches of Christ in the U. S. A. '53 26p
 Lerche, Charles Olsen. Foreign policy of the American people. Prentice-Hall '58 p509-22 annot
 McClellan, Grant Samuel, ed. U.S. foreign aid. (Reference shelf, v29, no5) Wilson '57 p206-16
 Millis, Walter, and others. Arms and the state; civil-military elements in nat. policy. (Project on civil-military relations) Twentieth cent. fund '58 p415-20 annot

- Osgood, Robert Endicott. Ideals and self-interest in America's foreign relations; the great transformation of the twentieth century. Univ. of Chicago press '53 p455-77
 Plischke, Elmer. American diplomacy; a bibliog. of biographies, autobiographies, and commentaries. Bur. of governmental research, College of business & public adm, Univ. of Md. '57 27p
 Plischke, Elmer. American foreign relations; a bibliog. of official sources. Bur. of gov. research, College of business & public adm, Univ. of Me. '55 71p annot
 Pratt, Julius William. History of United States foreign policy. Prentice-Hall '55 incl bibliog
 Reitzel, William, and others. United States foreign policy, 1945-1955. Brookings '56 p485-511 annot
 Riggs, Robert Edwon. Politics in the United nations; a study of U.S. influence in the General assembly. (Ill. studies in the social sciences, v41) Univ. of Ill. press '53 p 189-94
 Schurz, William Lytle. American foreign affairs; a guide to international affairs. Dutton '59 p217-51 annot
 Stephens, Oren. Facts to a candid world; America's overseas information program. (Stanford bks. in world politics) Stanford univ. press '55 p 157-9
 United States. Library of Congress. European affairs division. United States and Europe; a bibliog. examination of thought expressed in Am. and British writings of 1949[1951-1952] The library '49-'53 3v annot
 United States. Superintendent of documents. Foreign relations. (Price list 65, 35th ed) U.S. Gov. ptg. office '58 25p
 Westerfield, Bradford. Foreign policy and party politics; Pearl Harbor to Korea. Yale univ. press '55 p429-35

See also

- Monroe doctrine
 Pan Americanism
 United States—Diplomatic and consular service

Asia

- Battistini, Lawrence Henry. United States and Asia. (Bks. that matter) Praeger '55 p345-51
 Cameron, Meribeth E. China, Japan, and the United States; a study guide. Am. Assn. of univ. women '56 12p annot
 Wade, William W. ed. U. S. policy in Asia. (Reference shelf, v27, no6) Wilson '55 p 185-91
 China
 Fairbank, John King. United States and China. new ed. completely rev & enl (Am. foreign policy lib) Harvard univ. press '58 p321-44 annot
 Rodziński, Witold. Agresja amerykańska w Chinach, w latach 1945-1949. Książka i Wiedza '56 p269-80
 Vevier, Charles. United States and China, 1906-1913; a study of finance and diplomacy. Rutgers univ. press '55 p220-6

Great Britain

- Allen, Harry Cranbrook. Great Britain and the United States; a history of Anglo-Am. relations (1783-1952) St Martin's '55 p984-98
 Perkins, Bradford. First rapprochement; England and the United States, 1785-1805. Univ. of Pa. press '55 p221-40

Iran

- Yeselson, Abraham. United States-Persian diplomatic relations, 1883-1921. Rutgers univ. press '56 p238-43

Japan

- Schroeder, Paul W. Axis alliance and Japanese-American relations, 1941. Cornell univ. press '58 p229-37

Latin America

- Palmer, Thomas Waverly. Search for a Latin American policy. Univ. of Fla. press '57 p211-13 annot
 Stuart, Graham Henry. Latin America and the United States. 5th ed Appleton '55 incl bibliog

Liberia

- Bixler, Raymond Walter. Foreign policy of the United States in Liberia. Pageant press '57 p 125-30

UNITED STATES—Foreign relations—Cont.

Poland

Kusielewicz, E. Wilson and Poland. Polish R 1:119-21 Autumn '56

Russia

Scott, John. Political warfare; a guide to competitive coexistence; with a foreword by C. D. Jackson. Day '55 p245-9
Tarsalsdzé, Alexandre. Czars and presidents; the story of a forgotten friendship. McDowell '58 p359-69

Freedmen's bureau

Bentley, George R. History of the Freedmen's bureau. Univ. of Pa. '55 p266-79

Genealogy

Lynn historical society, Lynn, Massachusetts. List of manuscript genealogies in the library of the Society. The society '53 7p
Stevenson, Noel C. Search and research, the researcher's handbook; a guide to official records and lib. sources for investigators, historians, genealogists, lawyers, and librarians. rev ed Deseret '59 364p annot

Government employees

See United States—Officials and employees

Government publications

Andriot, John L. U.S. government statistics; guide & index; 1956 pilot edition. Documents index '56 vp annot
Andriot, John L. U.S. government statistics; 1957 basic volume. rev & enl ed Docs. index '58 1v
Council on social work education. United States government publications in social welfare; a sel. bibliog; 2d ed, comp. by Winberta M. Yao. The council '56 81p
Holbrook, F. K. and Dye, J. W. Checklist of current state, federal and Canadian publications; rev. to June 10, 1957. Law Lib J 50:263-77 Ag '57
New York school of social work. U.S. government publications in social welfare; a sel. list. Council on social work education '54 87p annot
Outstanding U.S. government publications of 1955. Wilson Lib Bul 30:772-4 Je '56 annot
Plischke, Elmer. American foreign relations; a bibliog. of official sources. Bur. of gov. research, College of business & public adm, Univ. of Me. '55 71p annot
Powell, John Harvey. Books of a new nation. United States gov. pubs. 1774-1814. Univ. of Pa. press '57 p 143-9 annot
Pretoria, library. Public health and safety; a sel. list of U.S. Gov. publications. (Smithsonian bibliog. no41) The library '53 13p
United States. Business and defense services administration. Food industries division. U.S. Government statistical publications for the food industries; listing and index comp. by C. V. Danielson. The division '55 22p
United States. Coast and geodetic survey. Publications of the coast and geodetic survey. 5th ed The survey '55 42p
United States. Congress. Joint committee on atomic energy. Membership, legislation, and publications. U.S. Gov. ptg. office '58 15p
United States. Small business administration. U.S. Government specifications directory; a guide to reference sources of U.S. Gov. specifications and standards, and appropriate indexes; prepared by the Office of procurement and technical assistance. The administration '54 19p
United States. Small defense plants administration. Specifications directory; a guide to the location of government activities & depository libs. receiving federal and military specifications & standards and appropriate indexes. Office of contract procurement, Procurement services div. '53 23p
United States. Superintendent of documents. United States government publications; monthly catalog. U.S. Gov. ptg. office. See numbers
See also
State publications

Bibliography

Lee, C. E. Selected bibliography of acquisition tools for government publications. News Notes Calif Lib 51:501-7 O '56 annot

Periodicals

Andriot, John L. U.S. Government serials & periodicals. pilot ed Doc. index '59 1v
Mellinat, C. H. U.S. government serials. Bklist 52:461-2 J1 1 '56
Pullen, William Russell. Check list of legislative journals issued since 1937 by the states of the United States of America. A.L.A. '55 59p
United States. Superintendent of documents. Government periodicals. (Price list 36, 96th ed) U.S. Gov. ptg. office '59 21p

Historic houses, etc.

Sweeney, John A. H. Grandeur on the Appoquinimink; the house of William Corbit at Odessa, Delaware. (Winterthur ser) Univ. of Del. press '59 p 131-8

History

Allen, Harry Cranbrook, and Hill, Charles Peter. British essays in American history. St Martins '57 p331-8
American heritage (periodical). Times of trial; ed. by Allan Nevins. Knopf '58 p253-4
Bailey, Thomas Andrew. American pageant; a history of the Republic. Little '56 incl bibliog
Baldwin, Leland Dewitt. Adult's American history; pragmatic democracy in action. Smith '55 incl bibliog annot
Bragdon, Henry W. and McCutchen, Samuel Proctor. History of a free people. Macmillan '56 incl bibliog
Burlingame, Roger. American conscience. Knopf '57 p407-20
Canfield, Leon Hardy, and Wilder, Howard Baker. Making of modern America; eds: Howard R. Anderson [and others] (Riverside social studies ser) Houghton '56 p782-3
Chitwood, Oliver Perry, and Owsley, Frank Lawrence. Short history of the American people. 2d ed Van Nostrand '55 p767-802
Coy, Harold. Americans. Little '58 p285-93 annot
Degler, Carl N. Out of our past; the forces that shaped modern America. Harper '59 p417-58 annot
Dolan, K. Reading list for American history. Ont Lib R 41:292-8 N '57
Faulkner, Harold Underwood. American political & social history. 7th ed Appleton '57 incl bibliog annot
Fenton, William Nelson. American Indian and white relations to 1830; needs & opportunities for study; an essay; a bibliog. by L. H. Butterfield [and others] (Needs and opportunities for study ser) Univ. of N.C. press '57 p31-122 annot
Gewehr, Wesley Marsh, and others, eds. American civilization; a history of the United States [contributors: J. Leona Bates and others] (McGraw-Hill ser. in education) McGraw '57 incl bibliog annot
Hamm, William Albert. From colony to world power; a history of the United States. rev ed Heath '57 incl bibliog
Harlow, Ralph Volney. United States: from wilderness to world power; 3d ed. rev. by Nelson Blake. Holt '57 p849-70
Hesseltine, William Best. Syllabus of United States history. rev ed Univ. of Wis. press '55 incl bibliog
Hicks, John Donald, and Mowry, George Edwin. Short history of American democracy. 2d ed Houghton '56 incl bibliog annot
Hofstadter, Richard, and others. United States: the history of a republic. Prentice-Hall '57 incl bibliog
Larned, Josephus Nelson. Literature of American history; a bibliog. guide, with sup, in which the scope, character, and comparative worth of bks. in sel. lists are set forth in brief notes by critics of authority; contributors: Charles M. Andrews [and others] (Annot. lists) A.L.A. '53 588, 37p
Miller, William. New history of the United States. Braziller '58 p439-49 annot
New York (state). Bureau of secondary curriculum development. American history bibliography; prepared for use with the handbook, Teaching Am. history. The bureau '56 112p

UNITED STATES—History—Continued

- Kae, John Bell, and Mahoney, Thomas Henry Donald. United States in world history; from its beginnings to world leadership. 2d ed (McGraw-Hill ser. in history) McGraw '55 p791-807 annot
- Recent articles of general interest. See numbers of Mississippi Valley historical review
- Riegel, Robert Edgar, and Long, David Foster. American story. (McGraw-Hill ser. in history) McGraw '55 2v v 1, p455-78; v2, p477-98 annot
- Roberts, Myrtle. Pattern for freedom; a history of the United States. Winston '53 incl bibliog
- Thompson, Daniel Garrison Brinton. Gateway to a nation; the middle Atlantic states and their influence on the development of the nation. Smith '56 p252-60
- United States. Superintendent of documents. American history. (Price list 50, 41st ed) U.S. Gov. ptg. office '57 24p
- Vrooman, Lee. Faith that built America. Arrowhead bks. '55 p200-11
- Writings on American history, 1950 [1-1952] (V38-40) (Am. historical assn. Annual rep) Nat. historical pubs. comm. '53-'58? 3v
- See also
- Frontier and pioneer life—United States
- United States—Economic history

Fiction

- Ahlens, Eleanor E. Enriching American history; an annot. bibliog. of fiction and biography for high school. (Curriculum bul. no 173) School of education, Univ. of Ore. '57 49p annot
- Dickinson, A. T. American historical fiction. Scarecrow '58 314p
- Ladley, Winifred C. Selective, annotated bibliography of books published 1945-1957, to be used in a social studies program concerning the United States, at the intermediate level. (Curriculum bul. no 188) School of education, Univ. of Ore. '58 48p annot
- Middle states council for the social studies. Bibliography committee. Bibliography of historical fiction and biography of the Middle Atlantic states. (Resource bul. no 1) The committee '58 26p annot
- Phillips, W. and others. American history in the novel, 1585-1900. Mid J 8:376-406 Spring '56 annot

Philosophy

- Beck, Roland H. Die frontiertheorie von Frederick Jackson Turner 1861-1932; darlegung und kritik von Turners Interpretation der amerikanischen geschichte. Europa-verlag '55 p 101-10
- Osgood, Robert Endicott. Ideals and self-interest in America's foreign relations; the great transformation of the twentieth century. Univ. of Chicago press '53 p455-77
- Strout, Cushing. Pragmatic revolt in American history; Carl Becker and Charles Beard. (Yale historical pubs. Wallace Notestein essays, no3) Yale univ. press '58 p 163-76

Sources

- Hockett, Homer Carey. Critical method in historical research and writing. Macmillan '55 p265-95
- Iowa. University. Library. Autograph letters and documents relating to the history of America, from the private collection of Mr & Mrs Philip D. Sang. State univ. of Iowa '56 114p
- Pease, Marguerite (Jenison). Guide to manuscript materials relating to western history in foreign depositories reproduced for the Illinois historical survey. rev ed (Pub. no5) Ill. historical survey, Univ. of Ill. '56 112p
- Pease, Marguerite (Jenison). Guide to manuscript materials of American origin in the Illinois historical survey. rev ed (Pub. no6) Ill. historical survey, Univ. of Ill. '56 115p
- Stevenson, Noel C. Search and research, the researcher's handbook; a guide to official records and lib. sources for investigators, historians, genealogists, lawyers and librarians. rev ed Deseret '59 364p annot
- United States. National historical publications commission. National program for the publication of historical documents; a rep. to the President. The commission '54 p98-106

Colonial period

- Aptheker, Herbert. Colonial era. (History of the Am. people) Int. pubs. '59 p 147-53
- Barck, Oscar Theodore, and Lefler, Hugh Falmagne. Colonial America. Macmillan '58 p731-47
- Boorstin, Daniel Joseph. Americans; the colonial experience. Random house '58 p375-421 annot
- Bridenbaugh, Carl. Cities in revolt; urban life in Am, 1743-1776. Knopf '55 p427-33 annot
- Brown, Robert Eldon. Middle-class democracy and the revolution in Massachusetts, 1691-1780. Cornell univ. press '55 p409-38
- Gaustad, Edwin Scott. Great awakening in New England. Harper '57 p 160-8
- Miller, John Chester. Origins of the American revolution; with a new introd. and a bibliography. Stanford univ. press '57 incl bibliog
- Newbold, Robert Clifford. Albany congress and plan of union of 1754. Vantage '55 p 194-208
- United States. Information agency. America's first one hundred and fifty years, in observance of the anniversary of the founding of Jamestown in 1607. (Subject bibliog. no23) The agency '57 17p
- Wright, Louis Booker. New interpretations of American colonial history. (Pub. no 16) Service center for teachers of history '59 22p annot

French and Indian war, 1755-1763

- Frégault, Guy. La guerre de la conquête. (Coll. Fleur de lys; études historiques canadiennes) Fides '55 p461-85
- McCardell, Lee. Ill-starred general: Braddock of the Coldstream guards. Univ. of Pittsburgh press '58 p315-28

Revolution

- Abernathy, Thomas Perkins. Western lands and the American revolution. (Va. Univ. inst. for research in the social sciences. Inst. monograph, no25) Russell & Russell '59 p370-92
- Adams, Randolph Greenfield. Political ideas of the American revolution; Britannic-Am. contributions to the problem of imperial organization, 1765-1775; with commentary by Merrill Jensen. 3d ed Barnes & Noble '58 p201-11 annot
- Anthony, Katherine Susan. First lady of the Revolution: the life of Mercy Otis Warren. Doubleday '58 p249-54
- Augur, Helen. Secret war of independence. Little '56 p343-8 annot
- Chidsey, Donald Barr. July 4, 1776; the dramatic story of the first four days of July, 1776. Crown '58 p 143-8
- Closen, Ludwig, baron von. Revolutionary journal, 1780-1783; tr. and ed. with an introd. by Evelyn M. Acomb. Univ. of N.C. press '58 p366-82
- Coleman, Kenneth. American revolution in Georgia, 1763-1789. Univ. of Ga. press '58 p328-40
- Falkner, Leonard. Forge of liberty; the dramatic opening of the Am. revolution. Dutton '59 p247-50
- Hacker, Louis Morton. Alexander Hamilton in the American tradition. McGraw '57 p264-6 annot
- Hoffman, Ross John Swartz, Edmund Burke. New York agent; with his letters to the New York assembly and intimate correspondence with Charles O'Hara, 1761-1776. (Memoirs, v41) Am. philosophical soc. '56 p616-19
- Koke, R. J. Struggle for the Hudson. N Y Hist Soc Q 40:171-5 Ap '56
- Lengyel, Cornel Adam. Four days in July; the story behind the Declaration of independence. Doubleday '58 p326-8
- Miller, John Chester. Alexander Hamilton: portrait in paradox. Harper '59 p623-39
- Miller, John Chester. Origins of the American revolution; with a new introd. and a bibliography. Stanford univ. press '57 incl bibliog
- Morgan, Edmund Sears. American revolution: a review of changing interpretations. Service center for teachers of history '58 20p
- Robinson, Blackwell Pierce. William R. Davie. Univ. of N.C. press '57 p456-76
- Roche, John Francis. Joseph Reed; a moderate in the Am. revolution. (Columbia studies in the social sciences, no595) Columbia univ. press '57 p271-85

- UNITED STATES—History—Revolution—*Cont.*
Schlesinger, Arthur Meier. Prelude to independence; the newspaper war on Britain. 1764-1776; Knopf '58 p316-18 annot
Tourtellot, Arthur Bernon. William Diamond's drum; the beginning of the War of the Am. revolution. Doubleday '59 p287-302 annot
Townsend, Sara Bertha. American soldier; the life of John Laurens; drawn largely from correspondence between his father and himself. Edwards & Broughton co. '58 p265-6

Revolution—Campaigns and battles

- Chidsey, Donald Barr. Valley Forge. Crown '59 p 176-86
Peckham, Howard Henry. War for independence, a military history. (Chicago history of Am. civilization) Univ. of Chicago press '58 p210-17

Revolution—Naval operations

- Morison, Samuel Eliot. John Paul Jones, a sailor's biography. Little '59 p431-43 annot

Revolution—Pictorial works

- Hutton, Ann (Hawkes). Portrait of patriotism; Washington crossing the Delaware. Chilton co. '59 p 178-81

1783-1865

- Cunliffe, Marcus. Nation takes shape, 1789-1837. (Chicago history of Am. civilization) Univ. of Chicago press '59 p202-10 annot
Walters, Raymond. Albert Gallatin; Jeffersonian financier and diplomat. Macmillan '57 p435-46

Constitutional period, 1789-1809

- Mitchell, Broadus. Alexander Hamilton; v 1. Youth to maturity, 1755-1788. Macmillan '57 p647-66

War of 1812

- Gilpin, Alec Richard. War of 1812 in the Old Northwest. Mich. state univ. press '58 p263-9

1815-1861

- Ward, John William. Andrew Jackson, symbol for an age. Oxford '55 p215-65

War with Mexico, 1845-1849

- Dufour, Charles L. Gentle tiger; the gallant life of Roberdeau Wheat. La. state univ. press '57 p217-26

Civil war

- Andrews, J. Cutler. North reports the Civil war. Univ. of Pittsburgh press '55 p761-80
Bean, William Gleason. Stonewall's man; Sandie Pendleton. Univ. of N.C. press '59 p235-40
Bridges, Leonard Hal. Civil war and reconstruction. (Pub. no 5) Service center for teachers of history '57 22p
Brownlee, Richard S. Gray ghosts of the Confederacy; guerilla warfare in the West, 1861-1865. La. state univ. press '58 p247-52
Bruce, Robert V. Lincoln and the tools of war; foreword by Benjamin P. Thomas. Bobbs-Merrill '56 p345-54
Buckridge, Justin O. Lincoln's choice. Stackpole co. '56 p240-2
Burke, Davis. Jeb Stuart; the last cavalier. Rinehart '57 p443-8
Catton, Bruce. This hallowed ground; the story of the Union side of the Civil war. (Mainstream of Am. ser) Doubleday '56 p424-9
Coker, Elizabeth Boatwright. La belle; a novel based on the life of the notorious southern belle, Marie Booser. Dutton '59 p317-20
Crozier, Emmett. Yankee reporters, 1861-65. Oxford '56 p423-30
Davis, Burke. Gray Fox; Robert Lee and the Civil war. Rinehart '56 p441-56 annot
Donald, David Herbert. Lincoln reconsidered; essays on the Civil war era. Knopf '56 p 187-200 annot
Dowdey, Clifford. Death of a nation; the story of Lee and his men at Gettysburg. Knopf '58 p353-74 annot
Dufour, Charles L. Gentle tiger; the gallant life of Roberdeau Wheat. La. state univ. press '57 p217-26
Durdan, Robert Franklin. James Shepherd Pike; republicanism and the American Negro, 1850-1882. Duke univ. press '57 p232-42 annot

- Eisenschiml, Otto. Why the Civil war? Bobbs '58 p201-3

- Hassler, Warren W. General George B. McClellan, shield of the Union. La. state univ. press '57 p331-42 annot

- Hyman, Harold Melvin. Era of the oath; northern loyalty tests during the Civil war and reconstruction. Univ. of Pa. press '54 p208-22

- Kantor, MacKinlay. Andersonville. World pub. '55 p762-7

- Kilby, Clyde S. Minority of one; the biography of Jonathan Blanchard. Eerdmans '59 p237-41

- Korngold, Ralph. Thaddeus Stevens; a being darkly wise and rudely great. Harcourt '55 p446-52

- Lewis, Lloyd. Sherman, fighting prophet; with a new appraisal by Bruce Catton. Harcourt '58 p655-69 annot

- Liddell Hart, Basil Henry. Sherman: soldier, realist, American. (Bks. that matter) Praeger '58 p432-41

- Meredith, Roy. Storm over Sumter; the opening engagement of the Civil war. Simon & Schuster '57 p207-10

- Miers, Earl Schenck. Great rebellion; the emergence of the Am. conscience. World pub. '58 p337-46

- Miers, Earl Schenck. Web of victory; Grant at Vicksburg. Knopf '55 p303-6

- Milham, Charles G. Gallant Pelham, American extraordinary; introd. by U. S. Grant. Public affairs press '59 p238-41

- Monaghan, James. Civil war on the western border, 1854-1865. Little '55 p399-433

- Nevins, Allan. War for the Union; v 1. The improvised war, 1861-1862. Scribner '59 p417-24

- Pullen, John J. Twentieth Maine; a volunteer regiment in the Civil war. Lippincott '57 p295-302

- Randall, James Garfield. Civil war and reconstruction; with sup. bibliography. Heath '53 p881-935

- Silver, David Mayer. Lincoln's Supreme court. (Ill. Univ. Ill. studies in the social sciences, v38) Univ. of Ill. press '56 p241-9

- Stern, Philip Van Doren. End to valor; the last days of the Civil war. Houghton '58 p373-6

- Swanberg, W. A. First blood; the story of Fort Sumter. Scribner '57 p340-4

- Swanberg, W. A. Sickles the incredible. Scribner '56 p419-23

- Weigley, Russell Frank. Quartermaster general of the Union army; a biography of M. C. Meigs. Columbia univ. press '59 p363-71

See also

- Women in Confederate states of America

Civil war—Aerial operations

- Hoehling, Mary (Duprey). Thaddeus Lowe, America's one-man air corps; born August 20, 1832, died Jan. 16, 1913. Messner '58 p 181-3

Civil war—Biography

- MacGiffin, Lee. Swords, stars and bars. Dutton '58 p 158-60

Civil war—Blockade

- Cochran, Hamilton. Blockade runners of the Confederacy. Bobbs '58 p335-8

Civil war—Campaigns and battles

- Barrett, John G. Sherman's march through the Carolinas. Univ. of N.C. press '56 p282-309

- Davis, Burke. To Appomattox; nine April days, 1865. Rinehart '59 p413-22

- Downey, Fairfax Davis. Guns at Gettysburg. McKay '58 p265-77

- Hoehling, Adolf A. Last train from Atlanta. Yoseloff '58 p551-8

- Kerby, Robert Lee. Confederate invasion of New Mexico and Arizona, 1861-1862. (Westernlore Great West and Indian ser. 13) Westernlore '58 p 147-51

- Mitchell, Joseph Brady. Decisive battles of the Civil war. Putnam '55 p216-18

- Nichols, Edward Jay. Toward Gettysburg; a biography of General John F. Reynolds. Pa. state univ. press '58 p259-64

- Schenck, Martin. Up came Hill; the story of the Light division and its leaders. Stackpole co. '58 p339-40

- Tucker, Glenn. High tide at Gettysburg; the campaign in Pennsylvania. Bobbs '58 p434-45

UNITED STATES—History—Civil war—Campaigns and battles—*Continued*

Wellman, Manly Wade. Rebel host: first at Bethel—last at Appomattox. Holt '56 p301-5 annot

Williams, Kenneth Powers. Lincoln finds a general; a military study of the Civil war; v4, Iuka to Vicksburg. Macmillan '56 p589-95

Williams, Kenneth Powers. Lincoln finds a general; a military study of the Civil war; v5, Prelude to Chattanooga. Macmillan '59 p377-82

Civil war—Fiction

Lively, Robert A. Fiction fights the Civil war; an unfinished chapter in the literary history of the Am. people. Univ. of N.C. press '57 p 197-224

Civil war—Medical and sanitary affairs

Cunningham, Horace Herndon. Doctors in gray; the Confederate medical service. La. state univ. press '58 p291-321 annot

Gibson, John Mendinghall. Soldier in white; the life of General George Miller Sternberg. Duke univ. press '58 p259-71

Marshall, M. L. Nurse heroines of the Confederacy. Med Lib Assn. Bul 45:335-6 J1 '57

Maxwell, William Quentin. Lincoln's fifth wheel; the political history of the United States Sanitary comm; pref. by Allen Nevins. Longmans '56 p351-9

Civil war—Naval operations

Boykin, Edward Carrington. Ghost ship of the Confederacy; the story of the Alabama and her captain, Raphael Semmes. Funk '57 p391-2

Carse, Robert. Blockade; the Civil war at sea. Rinehart '58 p266-7

Daly, Robert Welter. How the Merrimac won; the strategic story of the C.S.S. Virginia. Crowell '57 p 199-204

Macartney, Clarence Edward Noble. Mr. Lincoln's admirals; with a foreword by George Fielding Eliot. Funk '56 p318-25

Merrill, James M. Rebel shore; the story of Union sea power in the Civil war. Little '57 p234-8 annot

White, William Chapman, and White, Ruth M. Tin can on a shingle; with an introd. by Henry Steele Commager. Dutton '57 p 169-70

Civil war—Negro troops

Cornish, Dudley Taylor. Sable arm; Negro troops in the Union army, 1861-1865. Longmans '56 p316-22 annot

Civil war—Personal narratives

Hough, Alfred Lacey. Soldier in the West; the Civil war letters of Alfred Lacey Hough; ed. by Robert G. Athearn; with an introd. by John Newbold Hough. Univ. of Pa. press '57 p243-4

Jones, Katharine M. ed. Heroines of Dixie; Confederate women tell their story of the war. Bobbs '55 p413-19

19th century

Martin, James Joseph. Men against the state; the expositors of individualist anarchism in Am, 1827-1908; with a foreword by Harry Elmer Barnes. Libertarian bk. club '57 p284-99

1865-1898

Faulkner, Harold Underwood. Politics, reform and expansion, 1890-1900. (New Am. nation ser.) Harper '59 p281-304 annot

See also
Reconstruction (Civil war)

War of 1898

Freidel, Frank Burt. Splendid little war. Little '58 p313-14
McDevitt, V. Edmund. First California's chaplain. Acad. lib. '56 p255-9

20th century

Barck, Oscar Theodore, and Blake, Nelson Manfred. Since 1900; a history of the United States in our times. 3d ed Macmillan '59 p828-55 annot

Knoles, George Harmon. New United States; a history since 1896. Holt '59 incl bibliog
Leuchtenburg, William Edward. Perils of prosperity, 1914-32. (Chicago history of Am. civilization) Univ. of Chicago press '58 p277-97 annot

Mayer, George H. and Forster, Walter O. United States and the twentieth century. Houghton '58 incl bibliog
Peterson, Horace Cornelius, and Fite, Gilbert Courtland. Opponents of war, 1917-1918. Univ. of Wis. press '57 p351-71
Schlesinger, Arthur Meier. Age of Roosevelt; v 1, The crisis of the old order, 1919-1933. Houghton '57 p489-542

1933-1945

Perkins, Dexter. New age of Franklin Roosevelt, 1932-45. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 176-81

History, Military

Dornbusch, Charles Emil. Histories of American army units, World war I and II and Korean conflict, with some earlier histories. Lib. & service club branch, Special services div, Dept. of the army '56 310p

Downey, Fairfax Davis. Sound of the guns; the story of Am. artillery from the ancient and honorable company to the atom cannon and guided missile. McKay '56 p307-22

Dupuy, Richard Ernest, and Dupuy, Trevor Nevitt. Brave men and great captains. Harper '59 p355-62

Dupuy, Richard Ernest, and Dupuy, Trevor Nevitt. Military heritage of America. (McGraw-Hill ser. in history) McGraw '56 p729-52

Mills, Walter. Arms and men; a study in Am. military history. Putnam '56 p367-71 annot

Smith, Dale O. U.S. military doctrine; a study and appraisal; foreword by Carl Spaatz. Duell, Little '55 p237-45

United States. Department of the army. Writing of American military history; a guide. (Pamphlet no20-200) U.S. Gov. ptg. office '56 p99-143

United States. Department of the army. Office of military history. Study and writing of American military history; a guide, by Paul McD. Robinett. The office '54 p 161-231

United States. Engineer school. Library. Early American wars; a bibliography. The library '55 1v

See also

United States—Army—History

History, Naval

Potter, Elmer Belmont, and Fredland, John Roger, eds. United States and world sea power; auths: Henry H. Adams [and others] Prentice-Hall '55 p923-38

United States. Division of naval history. Selected and annotated bibliography on United States naval history, naval biography, naval strategy, and tactics. The division '56 22p

See also

United States—Navy—History

Industries and resources

American economic association. Readings in industrial organization and public policy; sel. by a com. of the Association. (Ser. of repub. articles on economics, v8) Irwin '58 p393-426

Bain, Joe Staten. Industrial organization. Wiley '59 incl bibliog

Kirksey, C. D. Interindustry study of the Sabine-Neches area of Texas. Bur. of business research, Univ. of Tex. '59 p 136-41

Mausser, Ferdinand F. and Schwartz, David J. Introduction to American business. Am. bk. co. '56 incl bibliog

Oklahoma. University. Library. Harry W. Bass collection in business history in the Library, as of February 20, 1956. The library '56 76p

Teitelbaum, Perry D. List and index of interindustry research items and miscellaneous papers. (Interindustry misc. paper no 100) Office of chief economist, Bur. of mines '54 73p

Vance, Stanley. American industries. Prentice-Hall '55 p603-10

Directories

United States. Bureau of foreign commerce. Sources of information on American firms. U.S. Dept. of commerce '57 12p

UNITED STATES—Continued

Insular possessions

Coulter, John Wesley. Pacific dependencies of the United States. Macmillan '57 incl bibliog

United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p

See also

Guam
Puerto Rico
Samoa

Intellectual life

Bode, Carl. Anatomy of American popular culture, 1840-1861. Univ. of Calif. press '59 p277-81 annot

Gabriel, Ralph Henry. Course of American democratic thought. 2d ed Ronald '56 p487-93 annot

May, Henry Farnham. End of American innocence: a study of the first years of our time. 1912-1917. Knopf '59 p399-413 annot

Rosenberg, Bernard, and White, David Manning, eds. Mass culture; the popular arts in America. Free press '57 incl bibliog

Samuels, Ernest. Henry Adams, the middle years. Harvard univ. press '58 p489-97

Smith, Wilson. Professors & public ethics; studies of northern moral philosophers before the Civil war. Cornell univ. press '56 p217-37

Wright, Louis Booker. Cultural life of the American colonies, 1607-1763. (New Am. nation ser) Harper '57 p253-74 annot

Library of Congress

United States. Library of Congress. General reference and bibliography division. Library of Congress; a sel. list of references. The division '56 20p

United States. Superintendent of documents. Library of Congress. (Price list 83, 7th ed) U.S. Gov. ptg. office '59 6p

Marine corps

Jerome, Sally (Hunter) and Shea, Nancy Brinton. Marine corps wife. Harper '55 p289-90

United States. Superintendent of documents. Navy. (Price list 63, 38th ed) U.S. Gov. ptg. office '59 15p

National museum

United States. Superintendent of documents. National museum, Smithsonian institution. Indians. (Price list 55, 33d ed) U.S. Gov. ptg. office '59 5p

National security council

Stanley, Timothy W. American defense and national security; foreword by Robert Cutler. Public affairs press '56 p 189-92

Navy

Lovette, Leland Pearson. Naval customs, traditions & usage. 4th ed U.S. Naval inst. '59 p340-5

United States. Superintendent of documents. Navy. (Price list 63, 38th ed) U.S. Gov. ptg. office '59 15p

History

Braisted, William Reynolds. United States navy in the Pacific, 1897-1909. Univ. of Tex. press '58 p247-62

Smelser, Marshall. Congress founds the navy, 1787-1798. Univ. of Notre Dame press '59 p214-17 annot

United States. Division of naval history. Selected and annotated bibliography on United States naval history, naval biography, naval strategy, and tactics. The division '56 22p

History—Sources

United States. Naval academy, Annapolis. Museum. Catalogue of the Rosenbach collection of manuscripts. The museum '56 10p

Neutrality

Smith, Daniel Malloy. Robert Lansing and American neutrality, 1914-1917. (Calif. Univ. Pubs. in history, v59) Univ. of Calif. press '58 p221-9

Officials and employees

Bernstein, Marver H. Job of the federal executive. Brookings inst. '58 p223-32 annot

Stahl, Oscar Glenn. Public personnel administration; 4th ed. of the previous work by Mosher [and others] Harper '56 p583-615

Salaries, allowances, etc.

Krause, Robert D. Pros and cons of longevity pay plans. (Personnel rep. no591) Public personnel assn. '59 p40-1

Politics and government

Anderson, William. Nation and the states, rivals or partners? Univ. of Minn. press '55 p255-7 annot

Binkley, Wilfred Ellsworth. American political parties; their natural history. 3d ed rev & enl Knopf '58 p453-70

Binkley, Wilfred Ellsworth, and Moos, Malcolm Charles. Grammar of American politics; the nat. government. 3d ed rev & enl Knopf '58 p767-91

Blaisdell, Donald Christy. American democracy under pressure. Ronald '57 p280-8

Book reviews, notes and bibliography. See numbers of American political science review

Bruce, Harold Rozelle. College text in American national government. rev ed Holt '57 incl bibliog

Burns, James MacGregor, and Peltason, Jack Walter. Government by the people; the dynamics of Am. nat, state, and local government. 3d ed Prentice-Hall '57 p919-56 annot

Carr, Robert Kenneth, and others. American democracy in theory and practice; national, state and local government. rev ed Rinehart '55 incl bibliog annot

—Same. 3d ed Rinehart '59 p945-79 annot

De Grazia, Alfred. American way of government; national, state, and local edition. Wiley '57 p939-52

Ferguson, John Henry, and McHenry, Dean Eugene. American system of government. 4th ed (McGraw-Hill ser. in political science) incl bibliog

Gosnell, Cullen Bryant, and others. Fundamentals of American government; nat, state and local. (McGraw-Hill ser. in political science) McGraw '57 incl bibliog

Gosnell, Cullen Bryant, and others. Fundamentals of American national government. (McGraw-Hill ser. in political science) McGraw '55 incl bibliog

Government is your business; all four years. Lib J 81:1870-3 S 1 '56

Hinderaker, Ivan Henrik. Party politics. Holt '56 p676-89 annot

Holloway, William Vernon, and Ader, Emile Bertrand. American government; national, state, and local. Ronald '59 incl bibliog

Hulton, J. G. Democracy, U.S.A. N Y Pub Lib Br Lib Bk News 34:3-10 O '56 annot

Irish, Marian Doris, and Prothro, James Warren. Politics of American democracy. Prentice-Hall '59 p607-24 annot

Johnson, Claudius Osborne. American government; national, state, and local. 2d ed Crowell '55 incl bibliog

Johnson, Claudius Osborne. American national government. 4th ed Crowell '55 incl bibliog

Johnson, Claudius Osborne. Government in the United States. 6th ed Crowell '56 incl bibliog

Kennedy, John Fitzgerald. Profiles in courage. Harper '56 p249-61

Lockmiller, David Alexander. Enoch H. Crowder; soldier, lawyer and statesman, 1859-1932. (Mo. Univ. Studies, v27) Univ. of Mo. studies '55 p263-74

Luckey, Henry Carl. 85 American years; memoirs of a Neb. congressman. Exposition '55 p222-30 annot

McCamy, James Lucian. American government. Harper '57 p829-45

Magruder, Frank Abbott. American government; rev. by William A. McClenaghan. Allyn '57 incl bibliog

Meyers, Marvin. Jacksonian persuasion; politics and belief. Stanford univ. press '57 p218-27

Morlan, Robert Loren. Political prairie fire; the Nonpartisan league, 1915-1922. Univ. of Minn. press '55 p391-402

Nye, Russel Blaine. Midwestern progressive politics; a historical study of its origins and development, 1870-1958. Mich. state univ. press '59 p363-86

Ogg, Frederic Austin, and Ray, Perley Orman. Essentials of American government; 8th ed. by William H. Young. (Century political science ser) Appleton '59 incl bibliog

UNITED STATES—Politics and government— *Continued*

- Pullen, William Russell. Check list of legislative journals issued since 1937 by the states of the United States of America. A.L.A. '55 59p
- Reviews of books and documents. See numbers of Public administration review
- Rienow, Robert. American government in today's world. Heath '59 p30-8 annot
- Rienow, Robert. American government in today's world. (Heath social studies) Heath '56 p730-8 annot
- Swartz, Willis George. American governmental problems. (Van Nostrand political science ser) Van Nostrand '57 incl bibliog
- Westerfield, Bradford. Foreign policy and party politics: Pearl Harbor to Korea. Yale univ. press '55 p429-35
- Zink, Harold, and others. American government and politics; national, state, and local. (Van Nostrand political science ser) Van Nostrand '58 incl bibliog
- See also*
- State governments
- United States—Congress
- United States—Executive departments
- West—Politics

Colonial period

- Labaree, Leonard Woods. Royal government in America; a study of the British colonial system before 1783. (Am. classics) Ungar '58 p449-68 annot

Constitutional period, 1789-1809

- Gaines, Pierce Welch. Political works of concealed authorship during the administrations of Washington, Adams and Jefferson, 1789-1809; with attributions. Yale univ. lib. '59 148p

1797-1801

- Kurtz, Stephen G. Presidency of John Adams; the collapse of federalism, 1795-1800. Univ. of Pa. press '57 p417-40 annot

19th century

- Lindsey, David. Sunset Cox: irrepressible democrat. Wayne state univ. press '59 p302-13

1815-1861

- Rayback, Robert J. Millard Fillmore; biography of a president. (Buffalo historical soc. Pub. v40) Stewart '59 p447-57
- Van Deusen, Glyndon Garlock. Jacksonian era, 1828-1848. (New Am. nation ser) Harper '59 p267-83 annot

1817-1825

- Moore, Glover. Missouri controversy, 1819-1821. Univ. of Ky. press '53 p353-75

20th century

- Brogan, Denis William. Politics in America. Harper '54 p436-41

1913-1921

- Link, Arthur Stanley. Woodrow Wilson and the progressive era, 1910-1917. (New Am. nation ser) Harper '54 p283-313

1933-1945

- Burns, James MacGregor. Roosevelt: the lion and the fox. Harcourt '56 p490-538 annot
- Fusfeld, Daniel Roland. Economic thought of Franklin D. Roosevelt and the origins of the New Deal. (Columbia studies in the social sciences, no586) Columbia univ. press '56 p305-20 annot
- McCoy, Ronald R. Angry voices; left-of-center politics in the New Deal era. Univ. of Kan. press '58 p212-16

1945-

- Agar, Herbert. Price of power; Am. since 1945. (Chicago history of Am. civilization) Univ. of Chicago press '57 p 180-4

Population

- Taeuber, Conrad, and Taeuber, Irene B. Changing population in the United States; for the Social science research council in cooperation with the U.S. Dept. of commerce, Bur. of the census. Wiley '58 p327-34

Public works

- Municipal year book, 1956[1-1959] the authoritative resumé of activities and statistical data of American cities. (V23-26) Int. city managers' assn. '56-'59 4v 1956, p341-4; 1957, p336-9; 1958, p340-3; 1959, p351-4

- Upjohn institute for community research. Public works and employment from the local government point of view; a rep [by] Eugene C. McKean [and] Harold C. Taylor. Public adm. service '55 p257-66

Race problems

- California. Department of justice. Division of criminal law and enforcement. Guide to race relations for peace officers; rep. prepared by Emmet Daly. The division '52 p21-4
- Greenberg, Jack. Race relations and American law. Columbia univ. press '59 p421-37 annot
- Kephart, William M. Racial factors and urban law enforcement. Univ. of Pa. press '57 p207-9
- Landes, R. Biracialism in American society: a comparative view. Am Anthropol 57:1262-3 D '55
- Wilner, Daniel M. and others. Human relations in interracial housing; a study of the contact hypothesis. Univ. of Minn. press '55 p 162-3

See also

- Jews in the United States
- Negroes in the United States
- United States—Foreign population

Religion

- Conn, Charles W. Like a mighty army moves the Church of God, 1886-1955. Church of God pub. house '55 p363-7
- Herberg, Will. Protestant, Catholic, Jew; an essay in Am. religious sociology. Doubleday '55 p298-313
- Institute for religious and social studies. Patterns of faith in America today; ed. by F. Ernest Johnson. (Religion and civilization ser) Harper '57 incl bibliog
- Osborn, Ronald E. Spirit of American Christianity. Harper '58 p225-34 annot

See also

- Catholic church in the United States
- Lutheran church in the United States
- Methodist church in the United States
- Negroes in the United States—Religion
- Protestant churches—United States
- Protestant Episcopal church in the United States of America

Sanitary affairs

- United States. Superintendent of documents. Health and hygiene. (Price list 51, 48th ed) U.S. Gov. ptg. office '59 30p

Securities and exchange commission

- Rappaport, Louis H. SEC accounting practice and procedure. Ronald '56 p509-16

Social conditions

- Bourriez-Gregg, Françoise. Les classes sociales aux États-Unis. (Paris. École pratique des hautes études. Centre d'études économiques. Études et mémoires, 15) A. Colin '54 p223-8
- Bremner, Robert H. From the depths; the discovery of poverty in the United States. N.Y. univ. press '56 p309-45
- Brunner, Edmund de Schweinitz, and Hallenbeck, Wilbur Chapman. American society: urban and rural patterns. (Harper's social science ser) Harper '55 incl bibliog
- Ciocco, A. and Perrott, D. Statistics on sickness as a cause of poverty. J Hist Med 12:59-60 Ja '57
- Cronin, John Francis. Social principles and economic life. Bruce pub. '59 incl bibliog annot
- Cuber, John Frank and others. Problems of American society: values in conflict. 3d ed Holt '56 incl bibliog annot
- Gordon, Milton Myron. Social class in American sociology. (Sociological ser) Duke univ. press '58 p257-72
- Hoffsommer, Harold. Sociology of American life; an intro. analysis. (Prentice-Hall sociology ser) Prentice-Hall '58 incl bibliog
- Hogan, John D. and Ianni, Francis A. J. American social legislation. (Harper's social science ser) Harper '56 incl bibliog
- Queen, Stuart Alfred, and others. American social system; social control, personal choice, and public decision; ed. by M. F. Nimkoff. Houghton '56 incl bibliog annot
- Tyler, Poyntz, ed. Social welfare in the United States. (Reference shelf, v27, no3) Wilson '55 p200-9

UNITED STATES—*Continued*

Social life and customs

- Bridenbaugh, Carl. Cities in revolt; urban life in Am, 1743-1776. Knopf '55 p427-33
- Tryon, Warren Stenson, ed. Mirror for Americans; life and manners in the United States, 1790-1870, as recorded by Am. travelers. Univ. of Chicago press '52 3v v 3, p783-91
- Warner, William Lloyd. Living and the dead; a study of the symbolic life of Americans. (Yankee city ser, v5) Yale univ. press '59 p509-19
- Wright, Louis Booker. Cultural life of the American colonies, 1607-1763. (New Am. nation ser) Harper '57 p253-74 annot

Statistics

- Andriot, John L. U.S. government statistics; 1957 basic volume. rev & enl ed Docs. index '58 1v
- United States. Congress. Joint committee on the economic report. Reports of Federal reserve consultant committees on economic statistics; hearings before the Subcom. on economic statistics, Eighty-fourth Congress, first session, pursuant to sec5 (a) of Public law 304, 79th Congress. U.S. Gov. ptg. office '55 p346-51
- United States. Superintendent of documents. Census publications. (Price list 70, 35th ed) U.S. Gov. ptg. office '59 21p

Supreme court

- Roettinger, Ruth Locke. Supreme court and state police power; a study in federalism; foreword by W. W. Pierson. Public affairs press '57 p233-9
- Schmidhauser, John Richard. Supreme court as final arbiter in federal-state relations. 1789-1957. Univ. of N.C. press '58 p231-5
- Silver, David Mayer. Lincoln's Supreme court. (Ill. Univ. Ill. studies in the social sciences, v38) Univ. of Ill. press '56 p241-9

Territorial expansion

- Clark, Thomas Dionysius. Frontier America; the story of the westward movement. Scribner '59 p765-97
- Graebner, Norman A. Empire on the Pacific; a study in Am. continental expansion. Ronald '55 p258-65 annot

Territories

- United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '58 2p
- See also*
Alaska.
Hawaiian Islands

Vice presidents

See Vice presidents—United States

UNITED STATES and Greece. *See* Greece and the United States

UNITED STATES and Japan. *See* Japan and the United States

UNITED STATES in literature

Larrabee, Eric, ed. American panorama; essays by fifteen Am. critics on 350 bks. past and present which portray the U.S.A. in its many aspects. N.Y. univ. press '57 436p

See also

United States—Fiction

UNITED STATES of Europe (proposed) *See* European federation

UNIVERSAL language. *See* Language, Universal

UNIVERSE. *See* Cosmology

UNIVERSITIES. *See* Colleges and universities

UNIVERSITY catalogs. *See* Catalogs, College

UNIVERSITY libraries. *See* Libraries, University and college

UNIVERSITY professors. *See* College professors and instructors

UPPER PALATINATE

History

Neuerscheinungen zur geschichte Regensburgs und der Oberpfalz. Hist Verein Oberpfalz & Regensburg. Verh. 93:313-18; 94:177-86; 95:245-66; 96:475-78; 97:421-37; 98:309-27 '52-'57

URAL-ALTAIC languages

Ural-altaische arbeiten in den jahren 1953-1954. Ural-Altaische Jahrb 26 no 1-2:128-33 54

Wickman, Bo. Form of the object in the Uralic languages. Almqvist '55 p 150-4

See also

Altaic languages

URALIAN languages. *See* Finno-Ugrian languages

URANIUM

Cooper, Margaret. Bibliography and index of literature on uranium and thorium and radioactive occurrences in the United States; pt5: Connecticut, Delaware, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin. (Special papers, 61) Geological soc. of Am. '58 472p

Crawford, John Edward, and Paone, James. Facts concerning uranium exploration and production. (U.S. Bur. of mines. Handbook) U.S. Gov. ptg. office '56 incl bibliog

Frondel, Clifford, and others. X-ray powder data for uranium and thorium minerals; a contribution to geochemistry. (U.S. Geological survey. Bul. 1036-G) U. S. Gov. ptg. office '56 p 152-3

Frondel, C. Mineral composition of gummite. Am Min 4:566-8 Jl '56

Geffroy, J. and Sarcia, J. A. Notion de gîte épithermale uranifère et les problèmes qu'elle pose. Soc Géol France Bul 8:189-90 D '58

Grainger, L. Uranium and thorium. Pitman '58 p 196-9

Griffith, J. W. Bibliography on the occurrence of uranium in Canada and related subjects. (Canada. Geological survey. Paper 56-5) Canada. Dept. of mines & technical surveys '56 34p

Gruner, J. W. Concentration of uranium in sediments by multiple migration-accretion. Econ Geol 51:517-20 S '56

Harrington, Charles Dana, and Ruehle, Archie Edwin, eds. Uranium production technology. Van Nostrand '59 incl bibliog

Holden, Abe Noel. Physical metallurgy of uranium; prepared under contract with the U.S. Atomic energy commission. Addison-Wesley '58 incl bibliog

Kehn, Thomas M. Selected annotated bibliography of the geology of uranium-bearing coal and carbonaceous shale in the United States; sel. bibliogs. of uranium geology. (U.S. Geological survey. Bul. 1059-A) U.S. Gov. ptg. office '57 28p

Kerr, Paul Francis, and others. Marysvale, Utah, uranium area; geology, volcanic relations, and hydrothermal alteration. (Special paper 64) Geol. soc. of Am. '57 p 199-203

Koczy, F. F. Zur geochemie des urans im Ostseebecken. Geochimica & Cosmochimica Acta 11:102 Ja '57

Kohl, Emil. Uran. (Die metallischen rohstoffe, ihre lagerungsverhältnisse und ihre wirtschaftliche bedeutung, 10) Enke '54 incl bibliog

Nininger, Robert D. ed. Exploration for nuclear raw material. (Geneva ser. on the peaceful uses of atomic energy) Van Nostrand '56 incl bibliog

Nininger, Robert D. Minerals for atomic energy; a guide to exploration for uranium, thorium, and beryllium. 2d ed Van Nostrand '56 incl bibliog

Rade, J. Structural control of uranium mineralization in Australia. Geol Mag 96:189-90 My '59

Waters, Aaron Clement, and Granger, Harry Clifford. Volcanic debris in uraniferous sandstones and its possible bearing on the origin and precipitation of uranium. (Circ. 224) U.S. Geological survey '53 p25-6

Young, Gifford A. Enriched uranium fuel materials; a bibliog. of unclassified literature. Technical information service extension '56 33p

Isotopes

Eckelmann, W. R. and Kulp, J. L. Uranium-lead method of age determination. Geol Soc Am Bul 67:52-3; 68:1138-40 Ja '56, S '57

Metallurgy

United States. Atomic energy commission. Uranium recovery from raw materials; a bibliog. of unclassified rep. literature. Technical information service extension '56 39p

URANIUM—Continued

Toxicology

- Voegtlin, Carl, and Hodge, Harold C. eds. Pharmacology and toxicology of uranium compounds; with a sec. on the pharmacology and toxicology of fluorine and hydrogen fluoride. (Nat. nuclear energy ser. Manhattan project technical sec. Div. VI. Univ. of Rochester project v 1) McGraw '49-'53 4v incl bibliog

URANIUM alloys

- Rough, Frank A. and Bauer, Arthur A. Constitutional diagrams of uranium and thorium alloys. (Addison-Wesley physics bks) Addison-Wesley '59 incl bibliog

URANIUM ores

- Ballard, Thomas J. and Conklin, Quentin E. Uranium prospector's guide. Harper '55 incl bibliog
- Clegg, John W. and Foley, Dennis D. eds. Uranium ore processing. (Addison-Wesley bks. in nuclear science and metallurgy) Addison-Wesley '58 incl bibliog
- Davidson, C. F. On the occurrence of uranium in ancient conglomerates. Econ Geol 52:691-3 S '57
- Frondel, Clifford. Systematic mineralogy of uranium and thorium. (U.S. Geological survey. Bul. 1064) U.S. Gov. ptg. office '58 p361-96
- Jensen, M. L. Sulfur isotopes and the origin of sandstone-type uranium deposits. Econ Geol 53:615-16 Ag '58
- Melin, Robert E. Selected annotated bibliography of the geology of sandstone-type uranium deposits in the United States; sel. bibliogs. of uranium geology. (U.S. Geological survey. Bul. 1059-C) U.S. Gov. ptg. office '57 59-175p
- Miller, L. J. Chemical environment of pitchblende. Econ Geol 53:544-5 Ag '58
- Page, Lincoln Ridler, and others, comps. Contributions to the geology of uranium and thorium by the U.S. Geological survey and Atomic energy commission for the United Nations international conference on peaceful uses of atomic energy. Geneva, Switzerland, 1955. (U.S. Geological survey. Professional paper, 300) U.S. Gov. ptg. office '56 incl bibliog
- Volborth, A. Identification tables for uranium and thorium minerals. Econ Geol 53:307-8 My '58

URBAN life. See City and town life

URBANISM. See Cities and towns

URBANIZATION

- Little, K. Role of voluntary associations in West African urbanization. Am Anthropol 59:595-6 Ag '57

URBINO, Italy

- Moranti, Luigi. Bibliografia urbinata. (Biblioteca bibliog. italiana, 17) Sansoni '59 478p

UREA

- Finlayson, J. S. and Baumann, C. A. Responses of rats to urea and related substances. J Nutrition 59:220-1 Je '56
- Kuykendall, J. R. and Wallace, A. Absorption and hydrolysis of urea by detached citrus leaves immersed in urea solutions. Am Soc Hort Sci Proc 64:126-7 '54

UREDINEAE. See Rusts

URETERS

- Kiil, Fredrik. Function of the ureter and renal pelvis; pressure recordings and radiographic studies of the normal and diseased urinary tract of man. Saunders '57 p 198-205

Tumors

- Eriasson, Nils Olof. Ectopic ureterocele in infants and children; a clinical study; tr. by Joan Whitehouse. (Sup 197) Acta chirurgica scandinavica '54 p77-82

URETHRA

Surgery

- Johanson, Bengt. Reconstruction of the male urethra in strictures; application of the buried intact epithelium technic [tr. by Stanley H. Vernon] (Sup 176) Acta chirurgica scandinavica '53 p87-9

URIC acid

- Poulsen, Hemming Engeldund. Urinsyre, xantin og hypoxantin; en biokemisk-farmakologisk studie. Uric acid, xanthine and hypoxanthine; a biochemical-pharmacological study. Jørgensen '56 p75-85

URINARY calculi. See Calculi, Urinary

URINARY organs

See also

Genito-urinary organs
Kidneys
Ureters

Diseases

- Hutch, John Albert. Ureterovesical junction; the theory of extravasicalization of the intravesical ureter. Univ. of Calif. press '58 p 169-73

See also

Kidneys—Diseases

URINE

- Kiil, Fredrik. Function of the ureter and renal pelvis; pressure recordings and radiographic studies of the normal and diseased urinary tract of man. Saunders '57 p 198-205
- Lippman, Richard W. Urine and the urinary sediment; a practical manual and atlas. 2d ed Thomas '57 p 128-38
- Morley, N. H. and Storvick, C. A. Oxidized pyridine nucleotides in various fractions of the blood and niacin and tryptophan metabolites in the urine of women on a controlled adequate dietary. J Nutrition 63:552-4 D '57
- Price, J. M. and others. Quantitative studies on the urinary excretion of tryptophan metabolites by humans ingesting a constant diet. J Nutrition 60:332-3 N '56
- Smith, E. P. and others. Fluorimetric estimation of estrogens in bovine urine. J Dairy Sci 39:169-70 F '56
- See also
- Diuretics and diuresis
Hippuric acid

Analysis and pathology

- Sciarini, L. J. and Meigs, J. W. Biotransformation of benzidine (4,4'-diaminobiphenyl), an industrial carcinogen, in the dog. AMA Archives Ind Health 18:529-30 D '58

UROLOGY. See Genito-urinary organs

URONIC acids

- Payne, W. J. Studies on bacterial utilization of uronic acids. J Bact 72:837-8; 74:506; 76:306-7 D '56, O '57, S '58

URSPRUNG, Alfred, 1876-1952

- Fribourg. Université. Mathematisch-naturwissenschaftliche fakultät. Alfred Ursprung 1876-1952; in memoriam. (Freiburger universitätsreden, new ser, no 13) The university '52 p76-85

URSULINES

- Mary Gertrude, Sister. Ursulines in training; a study based upon the counsels of Saint Angela Merici. The author '56 p 168-70

URUGUAY

- Peraza Sarausa, Fermín. Bibliografía cubano-uruguaya, ed prelim (Biblioteca del bibliotecario, 47) Anuario bibliog. cubano '56 49p

URUGUAY River valley

- Associação das geografos brasileiros. Condições geográficas e aspectos geoeconômicos da Bacia Paraná-Uruguaí [bibliog. by D. Lino de Mattos] The association '58 2v v 1, p427-72

URUGUAYAN literature

- Peraza Sarausa, Fermín. Bibliografía cubano-uruguaya, ed prelim (Biblioteca del bibliotecario, 47) Anuario bibliog. cubano '56 49p

URWICK, Lyndall Fownes, 1891-

- Hook, Daphne Alice. L. Urwick; a bibliography. Urwick, Orr '57 47p annot

USURY. See Interest and usury

UTAH

- Checklist of articles on Utah, the Mormons, and the West published in Western humanities review, volumes I-X. West Hum R 10:311-12 Summer '56

Antiquities

- Gunnerson, James H. Archeological survey of the Fremont area. (Utah. Univ. Dept. of anthropology. Anthropological papers, no28) Univ. of Utah press '57 p 147-54
- Jennings, Jesse David. Danger cave; with a chapter on textiles by Sara Sue Rudy, and 6 apps. by Charles B. Hunt [and others] (Am. antiquity, v23, no2, pt2; Soc. for Am. archaeology. Memoirs, no 14) Univ. of Utah press '57 p288-97
- Same. (Utah. Univ. Dept. of anthropology. Anthropological papers, no27) Univ. of Utah press '57 p288-97

UTAH—Antiquities—*Continued*

- Meighan, Clement Woodward, and others. Archeological excavations in Iron county, Utah. (Anthropological papers, no25) Dept. of anthropology, Univ. of Utah '56 p 128-32
- Rudy, Jack R. Archeological excavations in Beef basin, Utah. (Anthropological papers, no20) Dept. of anthropology, Univ. of Utah '55 p97-101
- Rudy, Jack R. Archeological survey of western Utah. (Anthropological papers, no 12) Dept. of anthropology, Univ. of Utah '53 p 174-82
- Rudy, Jack R. Pine Park shelter, Washington county, Utah. (Anthropological papers, no 18) Dept. of anthropology, Univ. of Utah '54 p23-4
- Taylor, Dee Calderwood. Two Fremont sites and their position in Southwestern prehistory; with apps. by Noel Morss [and] William H. Burt; Robert Anderson, editor. (Utah. Univ. Dept. of anthropology. Anthropological papers, no29) Univ. of Utah press '57 p 174-85

Politics and government

- Utah foundation. State and local government in Utah; a description of the structure, operations, functions, and finances of all branches of state and local government in Utah—their depts, comms, and agencies. The foundation '54 p 192-5

UTE Indians

- Rockwell, Wilson. Utes; a forgotten people. Sage '56 p296-302

UTERUS

- Danielson, Carl Olaf. Prolapse of the uterus and vagina; clinical and therapeutic aspects; review of six hundred cases; tr. by Stanley H. Vernon. (V36. Sup 1) Acta obstetricia et gynecologica scandinavica '57 p 120-9
- Gelfant, S. and others. Uterine growth following stimulation by estrogen and inhibition by aminopterin and nitrogen mustard. J Exp Zool 128:244-6 Mr '55
- Lundgren, Nils. Studies on the vasculature of the corpus of the human uterus [tr. by L. James Brown] (V36. Sup 4) Acta obstetricia et gynecologica scandinavica '57 p 109-14

See also

Placenta

Cancer

- Berggren, Olof Gustav Adolf. Demographic studies on carcinoma of the uterine cervix in Sweden [from the Swedish by Virginia Uhlemann] (Sup 145) Acta radiologica '57 2v v 1, p 136-40

Surgery

- Gray, Laman Alexander. Vaginal hysterectomy: indications, technique, and complications. (Am. lecture ser, pub. no238) Thomas '55 p 125-33

Tumors

- Toxemias of pregnancy; ed. by Louis M. Hellman. Fibromyomas of the uterus; ed. by Robert Alexander Kimbrough. (Clinical obstetrics and gynecology, v 1, no2) Hoeber '58 incl bibliog

UTOPIAS

- Gray, Donald J. and Orrick, Allan H. Designs of famous utopias; materials for research papers. Rinehart '59 incl bibliog

V

VACATION schools. See Summer schools

VACATIONS, Employee

- Bergström, Svante B:son. Om semesterlön och provision: mit deutscher zusammenfassung. (Uppsala. Univ. Arsskrift 1954:6) Lundequistska bokhandeln '54 p 171-2

VACCINATION

See also

Inoculation

VACCINES

- Hilleman, M. R. Efficacy of and indications for use of adenovirus vaccine. Am J Public Health 48:157-8 F '58
- Kind, L. S. Altered reactivity of mice after inoculation with bordetella pertussis vaccine. Bact R 22:179-82 S '58

VACUUM

Classified abstracts. See numbers of Vacuum Electrochemical society. Electrothermics and metallurgy division. Vacuum metallurgy; papers presented at the vacuum metallurgy symposium of the Society, Oct. 6 and 7, 1954, Boston. The society '55 incl bibliog

VACUUM metallurgy

Bunshah, Rointan Framroze, ed. Vacuum metallurgy; lectures presented during the course on Vacuum metallurgy sponsored by the Dept. of metallurgical engineering in cooperation with the Office of special service to business and industry, N.Y. univ. New York, June 10-14, 1957. (Materials technology ser) Reinhold '58 incl bibliog

Harvard university. Graduate school of business administration. Vacuum melting; a rep, originally prepared for Prof. Georges F. Doriot; auth: Wallace E. Britton [and others] The school '57 p 132-6

VACUUM tubes

- Aldous, W. H. Thermionic and cold-cathode valves. Inst Elec Eng Proc 105:281 My '58
- Megla, Gerhard. Dezimeterwellentechnik; theorie und technik der dezimeterschaltungen. 2d ed Fachbuchverlag '53 p327-41
- Millman, Jacob. Vacuum-tube and semiconductor electronics. (McGraw-Hill electrical and electronic engineering ser) McGraw '58 incl bibliog
- Neeteson, Pieter Adrianus. Vacuum valves in pulse technique. 2d rev & enl ed Macmillan '59 p 191-2
- Paszowski, Bohdan. Lampy elektronowe; dla inżynierów pracujących w przemyśle lamp elektronowych, instytucjach i zakładach badawczych oraz dla studentów wyższych szkół technicznych. Państwowe wydawn. techniczne '53 incl bibliog
- Rowe, E. G. and others. Thermionic valves of improved quality for government and industrial purposes. Inst Elec Eng Proc pt B 102:354-6 My '55
- Wathen, R. L. Traveling wave tube; a record of its early history. Franklin Inst J 258:441-2 D '54

See also

Klystrons

VAGABONDS. See Rogues and vagabonds

VAGANTES. See Goliards

VAGINA

Danielson, Carl Olof. Prolapse of the uterus and vagina; clinical and therapeutic aspects; review of six hundred cases; tr. by Stanley H. Vernon. (V36. Sup 1) Acta obstetricia et gynecologica scandinavica '57 p 120-9

Diseases

- Hunter, A. G. and others. Granular vulvovaginitis. J Dairy Sci 41:1029-32 Ag '58
- Kendrick, J. W. and others. Infectious pustular vulvovaginitis of cattle. Cornell Vet 48:493-5 O '58

VAIL, Curtis Churchill Doughty, 1903-1957
Reed, C. B. Curtis C. D. Vail. Mod Lang Q 18:178-82 S '57

VAILATI, Giovanni, 1863-1909

Rossi-Landi, F. Materiale per lo studio di Vailati. R Crit Storia Filos 8:86-107 Ja '58

VAJS, Josip, 1865-

Pantelić, M. Bibliografija izvornih radova J. Vahsa s područja hrvatske glagoljske književnosti. Slovo no6/8:10-22 '57

VALADON, Suzanne, 1865-1938

Storm, John. Valadon drama; the life of Suzanne Valadon. Dutton '58 p261-4

VALDENSES. See Waldenses

VALDIVIA, Pedro de, ca 1500-1554

Chiappa, V. M. Anotaciones bibliográficas sobre Pedro de Valdivia, 1549-1953; adiciones y puestas al día por Rafael Mery Berisso. (In Valdivia, Pedro de. Cartas de Pedro de Valdivia que tratan del descubrimiento y conquista de Chile; ed. facsimilar dispuesta y anotada por José Toribio Medina; introd. de Jaime Eyzaguirre. Fondo histórico y bibliográfico José Toribio Medina '53 p255-329)

VALENCE

See also

Chelation

VALENTIN, Gabriel Gustav, 1810-1883

Hintzsche, Erich. Gabriel Gustav Valentin, 1810-1883; versuch einer bio- und bibliographie. (Berner beiträge zur geschichte der medizin und der naturwissenschaften, no 12) Haupt '53 p83-91

- VALENTINE, Charles Wilfrid, 1879-**
Birch, L. B. List of publications by C. W. Valentine. *Brit J Educ Psychol* 26:3-7 F '56
- VALENTINER, Wilhelm Reinhold, 1880-1958**
North Carolina. Museum of arts, Raleigh. Masterpieces of art; in memory of William R. Valentiner, 1880-1958, representing his achievements during 50 years of service in Am. museums [bibliog. by May Davis Hill] The museum '59 p237-319
- VALÉRY, Paul, 1871-1945**
Suckling, Norman. Paul Valéry and the civilizing mind. (Durham, England. Univ. Pubs) Oxford '54 p272-6
Walzer, Pierre Olivier. La poésie de Valéry. Cailler '53 p477-86
- VALLA, Lorenzo, 1406-1457**
Valla, Lorenzo. Oraciones y prefacios (por una renovación de los métodos de estudio) introd. textos y notas a cargo de Francesco Adorno y (Col. Tradición y tarea. Precursores) Centro de estudios humanísticos y filosóficos. Inst. de investigaciones histórico-culturales. Univ. de Chile '55 p 104-11
- VALLE CABRAL, Alfredo do, 1851-1894**
Rodrigues, J. H. Alfredo do Vale Cabral. R. Interam Bibliog 8:27-30 Ja '58
- VALLEE, Francois, 1860-1949**
Le Barzig, Ernest. Francois Vallée (Druide Ab-Hervé) sa vie, son œuvre. Cercle de Brocéliande '56 p27-30
- VALLEJO, César Abraham, 1872-1938**
Monguió, Luis. César Vallejo, 1892-1938; vida y obra; bibliografía; antología. (Autores modernos, 19) Hispanic inst. in the United States '52 p87-102
- VALLES, Jules Louis Joseph, 1832-1885**
Scheler, L. Bio-bibliographie de Jules Vallès. Europe 35:35-42 D '57
- VALUATION**
See also
Mine valuation
- VALUATION of land.** See Assessment
- VALUE**
Chamberlin, Edward Hastings. Theory of monopolistic competition; a re-orientation of the theory of value. 7th ed (Harvard economic studies, v38) Harvard univ. press '56 p277-346
Wittmann, Waldemar. Der wertbegriff in der betriebswirtschaftslehre. (Beiträge zur betriebswirtschaftlichen forschung, v2) West-deutscher verlag '56 p 107-12
- VALUE (psychology)**
Dukes, W. F. Psychological studies of values. *Psychol Bul* 52:44-50 Ja '55
Edwards, W. Theory of decision making. *Psychol Bul* 51:411-17 Jl '54
Tajfel, H. Value and the perceptual judgment of magnitude. *Psychol R* 64:203-4 My '57
Trent, R. D. Expressed values of institutionalized delinquent boys. *J Genet Psychol* 92:146-8 Je '58
- VALUES, Social.** See Social values
- VALVES**
See also
Internal combustion engines—Valves
- VANADIUM**
Evans, H. I. and Garrels, R. M. Thermodynamic equilibria of vanadium in aqueous systems as applied to the interpretation of the Colorado Plateau ore deposits. *Geochimica & Cosmochimica Acta* 15:148-9 N '58
Rostoker, William. Metallurgy of vanadium. (Wiley ser. on the science and technology of materials) Wiley '58 incl bibliog
Williamson, D. R. Notes on the geochemistry and economic concentration of vanadium. *Colo Sch Mines Mineral Ind Bul* 1:16 Jl '58
- VANADIUM poisoning**
Lewis, C. E. Biological actions of vanadium. *AMA Archives Ind Health* 19:424-5, 503; 20:465-6 Ap-May, D '59
- VAN BUREN, Martin, 1782-1862**
Remini, Robert Vincent. Martin Van Buren and the making of the Democratic party. Columbia univ. press '5 p247-59
- VAN ELCK, Paul Leemann.** See Leemann-Van Elck, P.
- VANONI, Ezio, 1903-1956**
Malcovati, Piero, and others, eds. Ezio Vanoni; per iniziativa del comune di Morbegno. Industria libraria tipografica editrice '58 p 123-42
- VAN TIL, Cornelius, 1895-**
Rushdoony, Rousas John. By what standard? an analysis of the philosophy of Cornelius Van Til. Presbyterian & reformed pub. '59 p208-9
- VAN VLECK, Edward Burr, 1863-1943**
Langer, R. E. and Ingraham, M. H. Edward Burr Van Vleck, 1863-1943. (In National academy of sciences. Biographical memoirs. Columbia univ. press '57 p407-9)
- VAPOR plating**
Battelle memorial institute, Columbus, Ohio. Vapor-plating: the formation of coatings by vapor-deposition techniques, by C. F. Powell [and others] (Electrochemical soc. ser) Wiley '55 incl bibliog
- VARESE (province)**
Bertolone, Mario. Varese. le sue castellanze e i suoi rioni. (Terra nostra; guide regionali di storia d'arte e d'economia, 2) Faccioli '52 p 143-52
- VARIABILITY (psychology)**
Fiske, D. W. Constraints on intra-individual variability in test responses. *Educ & Psychol Meas* 17:335-7 Autumn '57
See also
Behavior variability
- VARIATION (bacteriology)**
Eisler, D. M. and others. Dissociation in *pasteurella pestis*: immunological comparisons of smooth and nonsmooth variants. *J Bact* 76:595-6 D '58
Eisler, D. M. and others. Dissociation in *pasteurella pestis*: interrelations of smooth and nonsmooth variants. *J Bact* 76:605-6 D '58
- VARIATION (biology)**
Bader, R. S. Variability in wild and inbred mammalian population. *Fla Acad Sci Q J* 19:32-4 Mr '56
Keast, A. Variation and speciation in the Australian campophagidae. *Australian J Zool* 6:266-7 D '58
Komai, T. and Emura, S. Study of population genetics on the polymorphic land-snail *bradybaena similis*. *Evolution* 9:416-18 D '55
Prosser, C. L. Physiological variation in animals. Cambridge Philos Soc Biol R 30:255-61 Ag '55
Tantawy, A. O. Genetic variance of random-inbred lines of *drosophila melanogaster* in relation to coefficients of inbreeding. *Genetics* 42:135-6 Mr '57
Wyatt, A. J. Genetic variation and covariation in egg production and other economic traits in chickens. *Poultry Sci* 33:1273-4 N '54
See also
Adaptation (biology)
Natural selection
Species
- VARIATION (botany)**
Cherewick, W. J. Cereal smut races and their variability. *Can J Plant Sci* 38:489 O '58
Kriebel, Howard Burt. Patterns of genetic variation in sugar maple. (Research bul. 791) Ohio agricultural experiment station '57 p54-5
Kurabayashi, M. Evolution and variation in Japanese species of *trillium*. *Evolution* 12:309-10 S '58
Stebbins, G. L. Self fertilization and population variability in the higher plants. *Am Natur* 91:353-4 N '57
See also
Mutation (botany)
Variegation
- VARIATION (statistics)**
Cornfield, J. and Tukey, J. W. Average values of mean squares in factorials. *Ann Math Stat* 27:948-9 D '56
Kullback, S. Application of information theory to multivariate analysis. *Ann Math Stat* 23:102; 27:145-6 Mr '52, Mr '56
Lancaster, H. O. Structure of bivariate distributions. *Ann Math Stat* 29:735-6 S '58
Schaffé, H. Alternative models for the analysis of variance. *Ann Math Stat* 27:269-71 Je '56
Wallace, D. L. Asymptotic approximations to distributions. *Ann Math Stat* 29:651-4 S '58
See also
Regression (statistics)
- VARIATIONS, Calculus of.** See Calculus of variations

VARICOSE veins

Hilty, Heinrich. Die makroskopische gefäßvariabilität im mündungsgebiet der vena sapheena magna des menschen; ein topographischer beitrag zur chirurgischen angiology bei varicösen hautvenen und dem varicösen symptomkomplex sensu strictiore. Schwabe '55 p 145-8

VARIATION

Ar-Rushdi, A. H. Cytogenetics of variegation in a species hybrid in nicotiana. Genetics 42:325 My '57

VARIOLA. See Smallpox**VARISCO**, Bernardino, 1850-1933

Librizzi, Carmelo. Il pensiero di B. Varisco. 2d ed (Il pensiero moderno; collana di storia della filosofia, ser 1, v 10) CEDAM '53 p325-30

VARISTORS. See Electric resistors**VARIX**. See Varicose veins**VARNISH and varnishing**

Abstracts from the world's technical press. See numbers of Paint technology
Research association of British paint, colour & varnish manufacturers. Review of current literature relating to paint, colour, varnish and allied industries. The association. See numbers

See also

Lacquer and lacquering

VASCONCELOS, José, 1882-1959

Arce, David N. Bibliografía de José Vasconcelos. (Bibliogs. mexicanas contemporáneas. 6) Biblioteca nacional '58 22p

VASCULAR bundles

McGahan, M. W. Vascular differentiation in the vegetative shoot of xanthium chinense. Am J Bot 42:140 F '55

Marsden, M. P. F. and Steeves, T. A. On the primary vascular system and the nodal anatomy of ephedra. Arnold Arbor J 36: 256-7 Ap '55

Torrey, J. G. On the determination of vascular patterns during tissue differentiation in excised pea roots. Am J Bot 42:197-8 F '55

VASCULAR system

Welt, I. D. and MacMillan, J. T. World literature on cardiovascular drugs. Med Lib Assn Bul 46:60-72 Ja '58

See also

Blood vessels

Heart

Diseases

Barnett, Alfred John, and Fraser, Joseph Robert Emmott. Peripheral vascular disease. Melbourne univ. press '55 p 193-207

New York University-Bellevue medical center. Institute of physical medicine and rehabilitation. Cardiovascular rehabilitation; conference held May 25 to 27, 1956; ed. by Paul Dudley White [and others] McGraw '57 p 127-55

Redisch, Walter, and Tangco, Francisco F. Peripheral circulation in health and disease; with a special sec. by R. L. deC. H. Saunders and associates. Grune '57 incl bibliog
Sigroth, Kjell. Reflex vasodilatation of the fingers in the study of peripheral vascular disorders with special reference to diabetes mellitus. (Sup325) Acta medica Scandinavica '57 p 103-10

United States. Public health service. Division of special health services. Selected references on cardiovascular disease; an annot. bibliog. for nurses. (Pub. no472; Pub. health bibliog. ser. no 15) The division '56 52p

—Same. rev ed (Pub. no 472; Public health bibliog. ser. no 15) The division '58 72p

Walker, A. R. P. and Grusin, H. Coronary heart disease and cerebral vascular disease in the South African Bantu. Am J Clin Nutrition 7:269-70 My '59

White, Paul Dudley, and others. Rehabilitation of the cardiovascular patient. McGraw '58 incl bibliog

Zukel, W. J. and others. Cardiovascular disease programs for the community. Pub Health Rep 71:432-5 My '56

Surgery

Henry Ford hospital, Detroit. International symposium on cardiovascular surgery, studies in physiology, diagnosis and techniques; proceedings of the symposium held at the Hospital, March 1955; ed. by Conrad R. Lam. Saunders '55 incl bibliog

VASILIEV, Alexander Alexandrovich, 1867-1953
Der Neressian, S. Alexander Alexandrovich Vasiliev (1867-1953). Dum Oaks Pa no9-10: 13-21 '56

VASMER, Max, 1886-

Woltner, Margarete, and Bräuer, Herbert, eds. Festschrift für Max Vasmer zum 70. geburtstag am 28. Februar 1956. (Berlin. Freie univ. Osteuropa-inst. Abt. für slavische sprachen und literaturen (Slavisches seminar) Veröffentlichungen v9) Harrassowitz '56 p 1-22

VASQUEZ, Honorato, 1855-1933

Díaz Cueva, Miguel. Bibliografía de Honorato Vázquez. (Biblioteca ecuatoriana v 1) The author '55 187p

VATICAN council, 1869-1870

MacGregor, Geddes. Vatican revolution. Beacon press '57 p205-16

VAUDOIS. See Waldenses**VAUDOYER**, Jean-Louis, 1883-

Ceuvres de Jean-Louis Vaudoyer; essai de bibliographie. Biblio 25:10-11 Ja '57

VAUGHAN, Henry, 1622-1695

Vaughan, Henry. Works; ed. by L. C. Martin. 2d ed Oxford '57 p xxii-xxvii

VAUGHAN, Thomas Wayland, 1870-1952

Thompson, T. G. Thomas Wayland Vaughan. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p411-37)

VAZ FERREIRA, Carlos, 1872-1958

Albanell, N. Bibliografía de Vaz Ferreira. R Interam Bibliog 8:245-55 Jl '58

VÁZQUEZ-MACHICADO, Humberto, 1904-1957

Arnade, C. W. Humberto Vázquez-Machicado, 1904-1957. Hispan Am Hist R 38:270-2 My '58

VEBLÉN, Thorstein, 1857-1929

Dowd, Douglas Fitzgerald, ed. Thorstein Veblen: a critical reappraisal; lectures and essays commemorating the 100th anniversary of Veblen's birth [bibliog. by J. Dorfman] Cornell univ. press '58 p319-26

VECTOR analysis

Buerger, Martin Julian. Vector space and its application in crystal-structure investigation. Wiley '59 incl bibliog

See also

Linear programming

VEDANTA

Fausset, Hugh I. Anson. Flame and the light; meanings in Vedanta and Buddhism. Abelard-Schuman '58 p229-32

VEGA CARPIO, Lope Félix de, 1562-1635

Brown, Robert B. Bibliografía de las comedias históricas, tradicionales y legendarias de Lope de Vega; prólogo de Edmund de Chasca. (Iowa. Univ. Studies in Spanish language and literature, no 10) Editorial Academia '58 151p annot

Simón Díaz, José, and José Prades, Juana de. Ensayo de una bibliografía de las obras y artículos sobre la vida y escritos de Lope de Vega Carpio. Centro de estudios sobre Lope de Vega '55 233p

Vega Carpio, Lope Félix de. El príncipe despenado: a critical and annot. ed. of the autograph ms. by Henry W. Hoge. (Ind. Univ. Pubs. Humanities ser. no33) Ind. univ. press '55 p 177-83

VEGETABLE gardening

Bielka, R. Grundriss des feldgemüsebaues; eine einföhrung für studierende der landwirtschaft. Deutscher bauernverlag '57 p 180-9

Janes, Byron Everett, and others. 14-year study of vegetable crop rotations on a Merrimac fine sandy loam soil in Connecticut. (Bul. 319) Storrs agricultural experiment station, Univ. of Conn. '55 p50-1

Knott, James Edward. Vegetable growing. 5th rev ed Lea '55 incl bibliog

Lambeth, Victor Neal. Studies in moisture relationships and irrigation of vegetables. (Research bul. 605) Agricultural experiment station, Univ. of Mo. '56 p53-5

MacGillivray, John Henry. Vegetable production, with special references to western crops. Blakiston '53 incl bibliog

Mercado, Toribio. Guide to vegetable gardening in the Philippines. Advocate bk. supply co. '51 p 146-54

Mission Agrumes. Agrumes et fruits subtropicaux aux U.S.A.; sél. et culture; compte rendu de la mission organisée par l'association française pour le développement de la productivité, 29 oct. 1950-3 jan. 1951 [par] L Blanc [et al] Soc. d'éd. techniques coloniales p 184-9

VEGETABLE gardening—Continued

- Thompson, Homer Columbus, and Kelly, William C. Vegetable crops. 5th ed (McGraw-Hill publs. in the agricultural sciences) McGraw '57 p579-600
- Work, Paul. Vegetable production and marketing; 2d ed. by [the auth] and John Carew. (Wiley farm ser) Wiley '55 incl bibliog

See also

Truck farming

VEGETABLE juices

See also

Tomato juice

VEGETABLE oils. See Oils and fats**VEGETABLES**

- Yarnell, S. H. Cytogenetics of the vegetable crops. Bot R 22:154-66 F '56

Color

See Color of vegetables

Marketing

- Food and agriculture organization of the United nations. Marketing fruit and vegetables. (FAO marketing guide no2) The organization '57 p 193-5

Storage

- Mukula, Jaakko. On the decay of stored carrots in Finland [tr. by Liisa Pesonen] (Acta agriculturae scandinavica, sup2) Almavist '57 p 127-32
- Sereno, Mario N. and others. Effect of irradiation and subsequent controlled storage upon the composition of Maine Katahdin potatoes. (Bul. 563) Me. Agricultural experiment station, Univ. of Me. '57 p36-9

VEGETABLES, Dried

- Miers, J. C. and others. Factors affecting storage stability of spray-dried tomato powder. Food Tech 12:547-8 O '58
- United States. Agricultural research service. Western utilization research and development division. Management handbook; to aid emergency expansion of dehydration facilities for vegetables and fruits; prepared at the request of Office of the quartermaster general, Dept. of the army. The division '59 p 163-37

VEGETABLES, Frozen

- Dietrich, W. C. and others. Effect of degree of enzyme inactivation and storage temperature on quality retention in frozen peas. Food Res 20:490-1 S '55

VEGETATION

- Phillips, Edwin Allen. Methods of vegetation study. Holt '59 p97-102

See also

Chalk downs
Desert vegetation
Forest vegetation
Prairies
Seashore vegetation

Alaska

- Cahalane, Victor H. Biological survey of Katmai national monument. (Smithsonian misc. colls, v 138, no5) Smithsonian inst. '59 p229-31

Arctic regions

- Churchill, E. D. and Hanson, H. C. Concept of climax in arctic and alpine vegetation. Bot R 24:181-91 F '58
- Wilson, J. W. Observations on the temperatures of arctic plants and their environment. J Ecol 45:530-1 J1 '57

Australia

- Costin, A. B. High mountain vegetation of Australia. Australian J Bot 5:188-9 S '57

Canada

- Moss, E. H. Vegetation of Alberta. Bot R 21:562-7 N '55
- Ritchie, J. C. Native plants of Churchill, Manitoba, Canada. Can J Bot 34:318-20 Mr '56

Great Britain

- Perring, F. Theoretical approach to a study of chalk grassland. J Ecol 46:678-9 N '58
- Pigott, C. D. Vegetation of Upper Teesdale in the north Pennines. J Ecol 44:585-6 J1 '56
- Proctor, M. C. F. Ecological and historical factors in the distributions of the British helianthemum species. J Ecol 46:370-1 J1 '58
- Tallis, J. H. Studies in the biology and ecology of rhamomitrium lanuginosum Brid. J Ecol 46:288 J1 '58

Illinois

- Evers, Robert August. Hill prairies of Illinois. (Bul. v26, article 5) Ill. Natural history survey div. '55 p444-6

India

- Bharucha, F. R. and Shankarnarayan, K. A. Studies on the grasslands of the Western Ghats, India. J Ecol 46:704-5 N '58

Indiana

- Potzger, J. E. and others. Forest primeval of Indiana as recorded in the original U.S. land surveys and an evaluation of previous interpretations of Indiana vegetation. Butler Univ Bot Stud 13:109-11 D '56

Nigeria

- Clayton, W. D. Secondary vegetation and the transition to savanna near Ibadan, Nigeria. J Ecol 46:237-8 J1 '58

North America

- Bliss, L. C. and Cantlon, J. E. Succession on river alluvium in northern Alaska. Am Midl Nat 58:468-9 O '57
- Segadas-Vianna, F. Ecological study of the peat bogs of eastern North America. Can J Bot 33:683-4 N '55

Ozark mountains

- Steyermark, Julian Alfred. Vegetational history of the Ozark forest. (Studies. 31) Univ. of Mo. '59 p 133-8

Scotland

- Nicholson, I. A. and Robertson, R. A. Some observations on the ecology of an upland grazing in north-east Scotland with special reference to callunetum. J Ecol 46:270 J1 '58

Southwest

- Glending, George Elmo, and Paulsen, Harold A. Reproduction and establishment of velvet mesquite as related to invasion of semidesert grasslands. (U.S. Dept. of agriculture. Technical bul. no 1127) U.S. Gov. pgt. office '55 p48-60
- Humphrey, R. R. Desert grassland; a history of vegetational change and an analysis of causes. Bot R 24:246-52 Ap '58

Tanganyika

- Salt, G. Contribution to the ecology of upper Kilimanjaro. J Ecol 42:422-3 J1 '54

Tristan da Cunha

- Wace, N. M. and Holdgate, M. W. Vegetation of Tristan da Cunha. J Ecol 46:619-20 N '58

Tropics

- United Nations educational, scientific and cultural organization. Study of tropical vegetation. L'étude de la végétation tropicale; proceedings of the Kandy symposium jointly organized by the Gov. of Ceylon and UNESCO, Queens Hotel, Kandy, Ceylon, 19-21 March, 1956. (Humid tropics research) UNESCO '58 incl bibliog

VEGETATION surveys

- Daubenmire, R. Canopy-coverage method of vegetational analysis. Northwest Sci 33: 61-4 F '59

VEHICLES

- Harvard university. Department of industrial hygiene. Human body size and capabilities in the design and operation of vehicular equipment [by] Ross A. McFarland [and others] Harvard school of public health '53 p224-35

See also

Carriages
Motor vehicles

VEIDENBAUMS, Edvards, 1867-1892

- Vilsons, Alfons. Revolucionarais dzejnieks un domātājs Ed. Veldenbaums. Latvijas PSR Zinātņu akadēmijas izdevniecība '55 p73-5

VEINS

See also

Varicose veins

VELARDE, Ramón López. See López Velarde, R.**VELÁZQUEZ, Diego Rodriguez de Silva y, 1599-1660**

- López Jiménez, José. La vida y la obra de Velázquez: estudio biográfico y crítico [por] Bernardino de Pantorba [pseud] Compañía bibliográfica española '55 p259-76

- VENDING machines**
Rosen-von Hoewel, Harry von, and Rauschenbach, Gerhard, eds. *Handbuch der deutschen automatenwirtschaft* 1956; mit einem leitwort von Elmar Michel. Heymann '56 p299-306
- VENEERS and veneering**
See also
Plywood
- VENEREAL diseases**
Alkiewicz, Jan. *Materiały do polskiej bibliografii dermatologii i venerologii oraz ich pogranicza, od XVI wieku do 1951 roku*. Państwowe wydawn. naukowe '57 315p
Lomholt, Esbern. Home conditions; a socio-medical study of 1066 hospitalized patients with skin and venereal diseases. (Sup 40) *Acta dermatovenereologica* '58 p57-9
United States. Public health service. Division of venereal disease. Current literature on venereal disease. The division. *See numbers*
See also
Gonorrhea
Syphilis
Treponematoses
- VENETIAN painting.** *See* Painting, Venetian
- VENEZUELA**
Jankus, Alfred P. and Malloy, Neil M. *Venezuela, land of opportunity*. Pageant press '56 p233-6
- Antiquities
- Cruxent, José Maria and Rouse, Benjamin Irving. *Archeological chronology of Venezuela*. (Social science monographs, 6) Pan Am. union '58 p266-77
- Description and travel
- Alexander, Charles S. *Geography of Margarita and adjacent islands, Venezuela*. (Calif. Univ. Pubs. in geography, v 12, no2) Univ. of Calif. press '58 p 182-6
- History
- Spain. Sovereigns, etc. *Documentos para la historia colonial de los Andes venezolanos: siglos XVI al XVIII; prólogo por J. A. de Armas Chitty*. (Fuentes históricas, 1) Inst. de antropología e historia, Univ. central de Venezuela '57 317p
- VENEZUELAN literature**
History and criticism
Barrios Mora, José Ramón. *Compendio histórico de la literatura venezolana; obra adaptada a los programas de educación secundaria y normal con informe favorable de la comisión ad hoc designada por et M. E. N. 3d ed Ediciones Nueva Cádiz '52 incl bibliog*
- VENICE** Churches
See also
Venice—San Marco (basilica)
- San Marco (basilica)
- Musolino, Giovanni. *Basilica of St Mark in Venice; presentation by the Patriarch of Venice*. Cardinal Angelo Giuseppe Roncalli [tr. by John Guthrie] Ongania '56 p299-302
- VENOM**
American association for the advancement of science. *Venoms; papers presented at the 1st Int. conference on venoms, Dec. 27-30, 1954, at the annual meeting of the Association; ed. by Eleanor E. Buckley and Nandor Porges*. (Pub. no44) The association '56 incl bibliog
Christensen, Poul Agerholm. *South African snake venoms and antivenoms*. South African inst. for medical research '55 p 106-17
Halstead, B. W. and others. *Stonefish stings, and the venom apparatus of synanceja horrida (Linnaeus)*. *Am Micros Soc Trans* 75:393-7 O '56
Halstead, B. W. and others. *Venom apparatus of the California scorpion-fish scorpæna guttata Girard*. *Am Micros Soc Trans* 74: 195-8 Ap '55
See also
Poisonous animals
Poisonous fishes
- VENTILATION**
Bedford, T. *Research on heating and ventilation in relation to human comfort*. Heating Piping 30:134 D '58
Carrier, Willis Haviland, and others. *Modern air conditioning, heating, and ventilating*. 3d ed Pitman '59 p579-82
- Hampel, Thomas E. and Stone, R. L. *Literature review and design studies of gas appliance venting systems*. (Research bul. 68) Am. gas assn. laboratories '55 p231-7
See also
Air conditioning
- VENTURI, Pietro Tacchi.** *See* Tacchi Venturi, P.
- VERBENACEAE**
Moldenke, H. N. *Hybridity in the verbenaceae*. *Am Midl Natur* 59:366-70 Ap '58
- VERCELLI, Francesco**, 1883-1952
Pontificia accademia delle scienze, Rome. *Semaine d'étude sur le problème des micro-séismes*. (Scripta varia, 12) The academy '52 p407-13
- VERDI, Giuseppe**, 1813-1901
Ybarra, Thomas Russell. *Verdi; miracle man of opera*. Harcourt '55 p311-12
- VERGA, Giovanni**, 1840-1922
Catania. Università. *Biblioteca universitaria e ventimilliana*. Verga, De Roberto, Capuana; celebrazioni bicentinarie Biblioteca universitaria, Catania 1755-1955 la cura di Angelo Ciavarella] Giannotta '55 194p
- VERGIL.** *See* Virgil
- VERHAEREN, Émile**, 1855-1916
Culot, Jean Marie. *Bibliographie de Émile Verhaeren; préf. de Henri Liebrecht*. Palais des acad. '54 155p
Jones, Percy Mansell. *Verhaeren. (Studies in modern European literature and thought)* Yale univ. press '57 p62-4
- VERLAINE, Paul Marie**, 1844-1896
Hanson, Lawrence and Hanson, Elizabeth. *Verlaine: fool of God*. Random house '57 p377-82
- VERMIN.** *See* Animals. Predatory
- VERNALIZATION**
Gott, M. B. and others. *Studies in vernalization of cereals*. *Ann Bot* 19:125-6 Ja '55
- VERNE, Jules**, 1828-1905
Chini, Luisa. *Giulio Verne. (Saggi sugli scrittori per l'infanzia)* Le Monnier '54 p67-100
- VERNIZZI, Renato**, 1904-
Borgese, Leonardo. *Renato Vernizzi*. G. Ferrari '54 p 19-20
- VERSIFICATION**
See also
Spanish language—Versification
- VERTEBRAE**
See also
Intervertebral disk
- VERTEBRATES**
Berrill, Norman John. *Origin of vertebrates*. Oxford '55 p249-54
Hinde, R. A. *Behaviour and speciation in birds and lower vertebrates*. Cambridge Philos Soc Biol R 34:119-28 F '59
Romer, Alfred Sherwood. *Vertebrate story [a rev. & enl. ed. of Men and the vertebrates]* Univ. of Chicago press '59 p419-22
Society for endocrinology. *Comparative endocrinology of vertebrates; proceedings of a conference held at the Dept. of zoology, Univ. of Liverpool from 12 to 16 July 1954; ed. by I. Chester Jones & P. Eckstein*. (Memoirs, no4-5) Cambridge '55-'56 2v incl bibliog
Symposium on regeneration in vertebrates. Brown university. 1956. *Regeneration in vertebrates; ed. by Charles S. Thornton*. (Developmental biology conference ser. 1956) Univ. of Chicago press '59 p99-108
See also under names of Vertebrates, e.g. Birds; Fishes
- Anatomy
- Wersäll, Jan. *Studies on the structure and innervation of the sensory epithelium of the cristae ampullares in the guinea pig; a light and electron microscopic investigation*. (Sup 126) *Acta oto-laryngologica* '56 p80-5
- VERTEBRATES, Fossil**
Bibliography of vertebrate paleontology and related subjects, 1950-1951[-1957-1958] Soc. of vertebrate paleontology '52-'59 8v
Denison, Robert Howland. *Review of the habitat of the earliest vertebrates*. (Pub. 800) Fieldiana: geology, v 11, no8) Chicago natural history museum '56 p445-57
Geology and vertebrate paleontology of upper eocene strata in the northeastern part of the Wind River basin, Wyoming, by Harry A. Tourtelot and Charles Lewis Gazin. (Smithsonian misc. colls., v 131, no8; v 134, no4) Smithsonian inst. '56-'57 2v v 1, p26-7; v2, p31-3

VERTEBRATES, Fossil—Continued

- Johnston, C. Stuart, and Savage, Donald Elvin. Survey of various late cenozoic vertebrate faunas of the Panhandle of Texas. (Calif. Univ. Pubs. in geological sciences, v31, no2-3) Univ. of Calif. press '55 2v no2, p49; no3, p70
- Miller, H. W. Check-list of the cretaceous and tertiary vertebrates of New Jersey. *J Paleont* 29:913-14 S '55
- Orvig, T. Notes on some paleozoic lower vertebrates from Spitsbergen and North America. *Norsk Geol Tids* 37 no3-4:347-53 '57
- Ray, Clayton E. List, bibliography, and index of the fossil vertebrates of Florida. (Special pub. no3) Fla. Geological survey '57 p25-95
- Robertson, J. D. Habitat of the early vertebrates. *Cambridge Philos Soc Biol R* 32: 183-7 My '57
- Westoll, T. S. Origin of continental vertebrate faunas. *Geol Soc Glasgow Trans* 23:103-5 D '58

See also under names of fossil vertebrates, e.g. Amphibia, Fossil

VERTICAL integration. See *Integration (economics)*

VERWEY, Albert, 1865-1937

- Hanot, M. De beginselen van Albert Verweys literaire kritiek, met een bibliografie van en over het kritisch werk van Albert Verwey. (Vlaamsche acad. voor taal- en letterkunde, Ghent. Uitgaven, ser6, no78) Secretarie der academie '57 p201-98

VERZIJL, Jan Hendrick Willem, 1888-

- Symbolae Verzijl, présentées au professeur J. H. W. Verzijl à l'occasion de son LXX^{ième} anniversaire. Nijhoff '58 p431-53
- VESPUCCI, Amerigo, 1451-1512**
- Arciniegas, Germán. Amerigo y el Nuevo mundo. *Hermes* '55 p369-76
- Same; with title: Amerigo and the New world; the life & times of Amerigo Vespucci; tr. from the Spanish by Harriet de Onís. Knopf '55 p315-23

Comitato onoranza ad Amerigo Vespucci nel quinto centenario della nascita. Mostra vespucciana; catalogo; Firenze, Palazzo vecchio, giugno 1954-settembre 1955. The committee '55 188p

Majó Framis, Ricardo. Américo Vespucci; el hombre, penetrado en lo posible de su intimidad espiritual; el relato crítico de sus cuatro navegaciones; la invención del nombre de América; la pugna de las opiniones europeas en torno al signo vespucciano, durante el siglo XVI. (Milicia de España, 21) Compañía bibliográfica española '52 p278-93

VESSELS (ships) See Ships**VESTDIJK, Simon, 1898-**

Grijzen, M. Bibliografie van S. Vestdijk tot 17 oktober 1958. De Bezige bij '58 44p

VETERANS

- Kir-Stimon, W. Follow-up study of counseling with anxiety neurotics. *Personnel & Guid* 34:480 Ap '56
- United States. Superintendent of documents. Army. (Price list 19, 48th ed) U.S. Gov. ptg. office '59 11p
- United States. Superintendent of documents. Defense. Veterans affairs. (Price list 85, 4th ed) U.S. Gov. ptg. office '59 28p

VETERINARIANS

Angel, Juvenal Londoño. Specialized careers in veterinary medicine. (Monograph no35) World trade acad. press '56 p25-6

VETERINARY anatomy

Foust, Harry Lewis, and Getty, Robert. Atlas and dissection guide for the study of the anatomy of domestic animals. 3d ed Iowa state college press '54 incl bibliog

VETERINARY bacteriology

Merchant, Ival Arthur. Veterinary bacteriology and virology; 5th ed. by the auth. and R. A. Packer. Iowa state college press '56 incl bibliog

VETERINARY dermatology

Král, Frank, and Novak, Benjamin Joseph. Veterinary dermatology; introd. by John D. Beck. Lippincott '53 incl bibliog

VETERINARY materia medica and pharmacy

Jones, Leo Meyer. Veterinary pharmacology and therapeutics. 2d ed Iowa state college press '57 incl bibliog

VETERINARY medicine

Abstracts. See numbers of Indian journal of veterinary science and animal husbandry

Advances in veterinary science, v 2[-4] Academic press '55-'58 3v incl bibliog

Bierer, B. W. Short history of veterinary medicine in America. Mich. state univ. press '55 p 101-13

Current literature. See numbers of American veterinary medical association. *Journal*

Davidson, T. Charms and amulets in animal disease. *Am Vet Med Assn J* 133:74 J1 1 '58

Jones, Thomas Carlyle, and Gleiser, Chester, A. eds. Veterinary necropsy procedures. Lippincott '54 incl bibliog

Lima. Universidad de San Marcos. Facultad de medicina veterinaria. Contribución a la bibliografía veterinaria americana; recopilada por Ramón Ponce Paz. The faculty '51 47p

Merchant, Ival Arthur. Outline of the infectious diseases of domestic animals. Burgess '57 incl bibliog

Royal college of veterinary surgeons, London. Library. Catalogue of modern works, 1900-1954; with a sec. showing periodicals and reports. 2d ed The library '55 98p

Scheidy, S. F. and McNally, K. S. Tranquilizing drugs in veterinary practice. *Cornell Vet* 48:346-7 J1 '58

United States. Department of agriculture. Animal diseases. (Yearbk. of agriculture, 1956) U.S. Gov. ptg. office '56 incl bibliog

United States. Department of agriculture. Index catalogue of medical and veterinary zoology; sup 1[-10] U.S. Gov. ptg. office '53-60 10v

See also

Abortion in animals

Communicable diseases in animals

History

Smithcors, J. F. Veterinary public health matters in colonial America. *Am Vet Med Assn J* 132:200-1 Mr 1 '58

Thompson, S. W. and Leikind, M. C. Evolution of the military veterinarian in the United States. *Am Vet Med Assn J* 132:143-4 F 15 '58

Periodicals

Alfort, France. Ecole nationale vétérinaire. Bibliothèque. Répertoire des périodiques et des congrès actuellement en compte à la bibliothèque de l'Ecole nationale vétérinaire d'Alfort, Seine. The library '52? 36p (i.e. 47)

Copenhagen. Veterinær- og landbohøjskole. Bibliotek. Tidsskrifter og andre løbende publikationer. The school '56 69p

Royal college of veterinary surgeons, London. Library. Catalogue of modern works, 1900-1954; with a sec. showing periodicals and reports 2d ed The library '55 98p

VETERINARY obstetrics

Roberts, Stephen J. Veterinary obstetrics and genital diseases. The author '56 incl bibliog

VETERINARY pathology

Smith, Hilton Atmore, and Jones, Thomas Carlyle. Veterinary pathology. Lea '57 incl bibliog

VIABILITY (bacteria) See Bacteria—Viability and virulence**VIANNEY, Jean Baptiste Marie, Saint, 1786-1859**

Trouncer, Margaret (Lahey). Saint Jean Marie Vianney: curé of Ars. Sheed '59 p259-60

VIBRATION

Abramson, H. Norman. Introduction to the dynamics of airplanes. Ronald '58 incl bibliog

Arnoldi, Robert Alfred. Research progress in U.S. on the damping of vibrations, March 31, 1951. (Internal damping of materials. 1) IUTAM '51 p 15-27

British internal combustion engine research association. Handbook on torsional vibration; comp. by E. J. Nestorides. Cambridge '58 incl bibliog

Burton, Ralph. Vibration and impact. (Addison-Wesley ser. in mechanical engineering) Addison-Wesley '58 incl bibliog

Crandall, Stephen H. and others, eds. Notes for the M.I.T. special summer program on random vibration. Technology press. Mass. inst. of technology '58 incl bibliog

DenHartog, J. P. Vibration: a survey of industrial applications. *Am Soc Naval Eng J* 70:704 N '58

Gilg, Bernhard. Bericht über die forschung im gebiet der schwingungsdämpfung fester körper im deutschen sprachgebiet (Deutschland, Oesterreich [sic] Schweiz) mit besonderer bertücksichtigung der Jahre 1938-1950 (erste hälfte) (Amortissement interne des matériaux, 2) IUTAM '51 p 15-31

VIBRATION—Continued

- Jacobsen, Lydik S. and Ayre, Robert S. Engineering vibrations, with applications to structures and machinery. (McGraw-Hill ser. in mechanical engineering) McGraw '58 incl bibliog
- King, A. J. Vibration and noise of mechanisms and machines. *Am Soc Naval Eng J* 69:765-6 N '57
- Macduff, John N. and Curreri, John R. Vibration control. McGraw '58 p439-45
- Morrill, Bernard. Mechanical vibrations. Ronald '57 incl bibliog
- National research council. Highway research board. Vibration and stresses in girder bridges [papers] presented at the 34th annual meeting, Jan. 11-14, 1955. (Bul. 124) The board '56 incl bibliog
- Plunkett, R. Mechanical impedance methods for mechanical vibrations. *Noise Control* 5:35 Mr '59
- Structural design for dynamic loads [by] Charles H. Norris [and others] (McGraw-Hill civil engineering ser) McGraw '59 incl bibliog
- Vigness, I. Fundamental nature of shock and vibration. *Elec Manuf* 63:108 Je '59
- See also
Oscillations
- VIBRATION** (aeronautics) See Airplanes—Vibration

VICE-PRESIDENTS**United States**

- Tompkins, Dorothy Louise (Campbell) Culyver. Office of vice president; a sel. bibliography. Bur. of public adm. Univ. of Calif. '51 19p
- Williams, Irving G. Rise of the vice presidency; introd. by Edward R. Murrow. Public affairs press '56 p259-61
- VICO, Giovanni Battista, 1668-1744**
- Vico, Giovanni Battista. La scienza nuova, e opere scelte; a cura di Nicola Abbagnano. (Classici italiani, v64) Unione tipografico-editrice torinese '52 p27-41
- Vico, Giovanni Battista. Opere, a cura di Fausto Nicolini. (La letteratura italiana; storia e testi, v43) Ricciardi '53 p xvii-xlvi
- VICTORIA, queen of Great Britain, 1819-1901**
- Gernsheim, Helmut, and Gernsheim, Alison. Victoria R; a biography with 400 ill. based on her personal photograph albums. Putnam '59 p301-2
- Haycraft, Molly (Costain). Queen Victoria. Messner '56 p 183-4

VIENNA

- Gugitz, Gustav. Bibliographie zur geschichte und stadtkunde von Wien, nebst quellen- und literaturhinweisen; hrsg. vom Verein für landeskunde von Niederösterreich und Wien. Verlag für jugend & volk '47-'58 4v

Nationalbibliothek

- Buchowiecki, Walther. Der barockbau der ehemaligen Hofbibliothek in Wien, ein werk J. B. Fischers von Erlach; beiträge zur geschichte des prunksaales der österreichischen Nationalbibliothek. (Museion; veröffentlichungen der österreichischen Nationalbibliothek in Wien, n.f. 2. reihe; Allgemeine veröffentlichungen, v 1) Prachner '57 p235-9

Siege, 1529

- Sturminger, Walter. Bibliographie und ikonographie der Türkenbelagerungen Wiens, 1529 und 1683. (Austria. Kommission für neuere geschichte Österreichs. Veröffentlichungen, 41) Böhlau nachf. '55 420p

Siege, 1683

- Sturminger, Walter. Bibliographie und ikonographie der Türkenbelagerungen Wiens, 1529 und 1683. (Austria. Kommission für neuere geschichte Österreichs. Veröffentlichungen, 41) Böhlau nachf. '55 420p

VIET NAM

- Ambekar, C. G. Viet-Nam; a reading list. The author '53 42p
- Huard, Pierre. Alphonse, and Durand, Maurice. Connaissance du Viet-nam. Ecole française d'Extrême-Orient '54 incl bibliog
- Michigan. State university of agriculture and applied science. East Lansing. Vietnam project. What to read on Vietnam; a sel. annot. bibliography. Inst. of Pacific relations '59 67p
- Parks, Oral E. and others. Recent articles on Vietnam: an annotated bibliography. Mich. state univ. press '58 vp

- Prague, Universita Karlova. Knihovna. Lidové demokratické země Asie: Korea, Vietnam, Mongolsko; výberový seznam literatury; sest. Miroslav Kaftan. (Čteme a studujeme, 1956, no2) The library '56 15p

Antiquities

- Hackenberg, R. A. Cambodia, Laos and Vietnam. *Asian Perspect* 1:55-9 Summer '57

History

- Blanchet, Marie Thérèse. La naissance de l'état associé du Viet-Nam. Génin '54 p205-10
- Buttinger, Joseph. Smaller dragon; a political history of Vietnam. Praeger '58 p470-520 annot

Politics and government

- Fall, Bernard B. Viet-Minh regime; gov. and adm. in the Democratic republic of Vietnam; issued jointly with the Southeast Asia program, Cornell university. rev & enl ed Inst. of Pacific relations '56 p 188-96

VIGILANCE committees

- Coblentz, Stanton Arthur. Villains and vigilantes; the story of James King, of William, and pioneer justice in California. new rev ed Yoseloff '57 p255-6

VIKINGS

- Oleson, T. J. Vikings in America: a critical bibliography. *Can Hist R* 36:166-73 Je '55 annot

VILLA, Francisco, 1877-1923

- Braddy, Haldeen. Cock of the walk, qui-qui-qui; the legend of Pancho Villa. Univ. of N.Mex. press '55 p 169-74

VILLAGES**India**

- Marriott, McKim, ed. Village India; studies in the little community; papers by Alan R. Beale [and others] (Comparative studies of cultures and civilizations, no6) Univ. of Chicago press '55 incl bibliog
- Same. (Memoirs, no83) Am. anthropological assn. '55 incl bibliog
- Mayer, Albert, and others. Pilot project, India; the story of rural development at Etawah, Uttar Pradesh; with a foreword by Govind Ballabh Pant. Univ. of Calif. press '58 p345-50

VILLAR, Emilio Huguet del, 1871-1951

- Villar, Emilio Huguet del. Méthode de classification et analyse des sols; base scientifique pour leur cartographie harmonique universelle. (Rabat, Morocco. Inst. scientifique chérifien. Travaux, no2) Editions ints. '53 p 189-93

VILLAUME, Peter, 1746-1806

- Wothge, A. Ein vergessener pädagoge der aufklärung; Peter Villaume. Halle Univ Wiss Z Gesellsch & Sprachw Reihe 6:452-4 Ap '57

VILLIERS DE L'ISLE-ADAM, Jean Marie Mathias Philippe Auguste, comte de, 1838-1889

- Lebois, André. Villiers de l'Isle-Adam, révélateur du verbe. Messelier '52 p265-70

VILLON, François, b 1431

- Battaglia, Salvatore. François Villon; appunti d'un corso universitario. Pironi '54 p234-5

VINEGAR

- Schierbeck, J. Manufacture of vinegar. (T.I.S. rep. no 17) Technical information service, Nat. research council, Canada '51 p62-8

VIO, Tommaso de (Gaetano) cardinal, 1469-1534

- Vio, Tommaso de. Analogy of names, and The concept of being; literally tr. and annot. by Edward A. Bushinski, in collaboration with Henry J. Koren. (Duchesne studies. Philosophical ser, 4) Duchesne univ. press '53 p4

VIOLENT deaths**See also**

- Homicide

Murder**VIOLETS**

- Moore, D. M. Population studies on viola lactea Sm. and its wild hybrids. *Evolution* 13:331-2 S '59

VIPERS. See Snakes**VIRCHOW, Rudolf Ludwig Karl, 1821-1902**

- Klemperer, P. Pathology of Morgagni and Virchow. *Bul Hist Med* 32:37-8 Ja '58

VIRGIL (Publius Vergilius Maro) 70-19 B.C. Mambelli, Giuliano. Gli annali delle edizioni virgiliane. (Biblioteca di bibliog. italiana, 27) Olschki '54 p351-4
Radke, G. Fachbericht Vergil. *Gymnasium* 64 no 1/2:161-92 '57
Vergilius Maro, Publius. *Aeneid*; newly tr. with an introd. by Kevin Guilnagh. (Rinehart eds, 63) Rinehart '53 p xxv-xxvii

VIRGIN birth

See also
Immaculate conception

VIRGIN ISLANDS

United States. Superintendent of documents. Alaska, Hawaii, Guam, Puerto Rico, Samoa, and Virgin Islands. (Price list 60, 39th ed) U.S. Gov. ptg. office '53 2p

VIRGIN Mary. See Mary, Virgin

VIRGINIA

Fishwick, Marshall William. *Virginia tradition*; introd. by Henry Beston. Public affairs press '56 p 104-8

Simkins, Francis Butler, and others. *Teacher's guide for Virginia*: history, government, geography. Scribner '57 incl bibliog

Government publications

Virginia. State library, Richmond. *Bibliography of Virginia*: pt5. Containing the titles of the printed documents of the Commonwealth, 1916-1925. by Wilmer L. Hall. (Bul. v25) The library '55 611p

History

Fleming (John F.) incorporated. *New York. Virginia's role in America's history*, told in fifteen of its most important books and documents [catalogue] The company '58 38p
Hemphill, William Edwin, and others. *Cavalier commonwealth: history and gov. of Virginia*. McGraw '57 p660-3

James, Alfred Procter. *Ohio company, its inner history*. Univ. of Pittsburgh press '59 p355-9

Lee, Cazenove Gardner. *Lee chronicle: studies of the early generations of the Lees of Virginia*; comp. and ed. by Dorothy Mills Parker. N.Y. univ. press '57 p369-73
Miers, Earl Schenck. *Blood of freedom: the story of Jamestown, Williamsburg, and Yorktown*. (Williamsburg in Am. ser. 3) Colonial Williamsburg '58 p 171-4 annot

Swen, Earl Gregg, and others. *Selected bibliography of Virginia, 1607-1699*. Va. 350th anniversary celebration corp. '57 72p
Werthenbaker, Thomas Jefferson. *Patrician and plebeian in Virginia*; or, The origin and development of the social classes of the Old Dominion. Russell & Russell '59 p216-37 annot

Sources

Colonial Williamsburg, inc. *Guide to the manuscript collections of colonial Williamsburg*; comp. by Lynette Adcock. The society '54 58p

Politics and government

Hemphill, William Edwin, and others. *Cavalier commonwealth: history and gov. of Virginia*. McGraw '57 p660-3

VIRTUES

Henry, Antoine M. ed. *Virtues and states of life*, by a group of theologians; tr. by Robert J. Olsen and Genevieve T. Lennon under the direction of Louis J. Putz. (Theology lib. v4) Fides '57 incl bibliog

VIRULENCE (bacteria)

See Bacteria—Virulence and virulence

VIRUS diseases

Gordon, I. and Whitney, E. *Virus diarrheas of adults and their possible relationships to infantile diarrhea*. N Y Acad Sci Ann 68 no 1:224-5 '56

Hochin, J. E. and Cnits, M. *Lymphocytic choriomeningitis infection of mice as model for the study of latent virus infection*. Can J Microbiol 4:162-3 Ap '58

Houston neurological society. *Viral encephalitis: a symposium*, 5th annual scientific meeting of the Society; comp. and ed. by William S. Fields (and) Russell J. Blattner. Thomas '58 incl bibliog

Hughes, K. M. *Annotated list and bibliography of insects reported to have virus diseases*. Hilgardia 26 no 14:613-25 My '57
Madin, S. H. and Traum, J. *Vesicular exanthema of swine*. Bact R 19:18-19 Mr '55

Progress in medical virology, v 1. Hafner '58 304p incl bibliog

Rhodes, Andrew James, and Van Rooyen, Clemel Evelyn. *Textbook of virology, for students and practitioners of medicine*. 3d ed Williams & Wilkins '58 incl bibliog

Robertson, G. G. and others. *Study of abnormalities in early chick embryos inoculated with Newcastle disease virus*. J Exp Zool 129:31-3 Je '55

Rutgers university, New Brunswick, New Jersey. *Institute of microbiology. Perspectives in virology: a symposium*, ed. by Morris Pollard. Wiley '59 incl bibliog

Smith, Kenneth Manley, and Markham, Roy. *Mumps, measles & mosaics: a study of animal and plant viruses*. (New naturalist lib. Special v 10) Praeger '54 incl bibliog
Steinhaus, E. A. *New records of insect-virus diseases*. Hilgardia 26:423-5 Ja '57

Walker, Duard L. and others, eds. *Symposium on latency and masking in viral and rickettsial infections: the proceedings of a conference held at the Univ. of Wis. medical school*. Sept. 4, 5 and 6, 1957. Burgess '58 incl bibliog

Wallis, R. C. *Incidence of polyhedrosis of gypsy-moth larvae and the influence of relative humidity*. J Econ Entom 50:583 O '57

See also

Bluetongue in sheep

Influenza

Myxoma, Infectious

Rickettsial diseases

VIRUS diseases in plants

Bawden, Frederick Charles. *Plant viruses and virus diseases*. 3d rev ed (New ser. of plant science bks, v23) Chronica botanica '56 incl bibliog

Brierley, P. and Smith, F. F. *Carnation viruses in the United States*. Phytopathology 47:721 D '57

Corbett, M. K. *Apparent hypersensitivity of potato hybrids to potato virus Y*. Phytopathology 45:155 Mr '55

Crowley, N. C. *Studies on the seed transmission of plant virus diseases*. Australian J Biol Sci 10:460-2 N '57

Darrow, G. M. and others. *Importance of virus diseases in the cultivation of strawberries in the United States*. Am Soc Hort Sci Proc 63:551-2 '54

Day, M. F. *Mechanism of the transmission of potato leaf roll virus by aphids*. Australian J Biol Sci 8:512-13 N '55

Esau, K. *Anatomic effects of barley yellow dwarf virus and maleic hydrazide on certain gramineae*. Hilgardia 27 no 1:67-9 S '57

Esau, K. *Anatomist's view of virus diseases*. Am J Bot 43:748 N '56

Folsom, D. *Testing potato seedling varieties in Maine for field resistance to leafroll and for desirable horticultural characteristics*. Am Potato J 32:384-5 O '55

Girolami, G. *Comparative anatomical effects of the curly-top and aster-yellows viruses on the flax plant*. Bot Gaz 116:321-2 Je '55

Goodchild, D. J. *Relationships of legume viruses in Australia*. Australian J Biol Sci 9:223-9, 236-7 My '56

Hooker, W. J. and others. *Virus X resistance in potato*. Am Potato J 31:210-12 Jl '54

Matthews, Richard Ellis Ford. *Plant virus serology*. Cambridge '57 p 117-22

Porter, C. A. and Weinstein, L. H. *Biochemical changes induced by thiouracil in cucumber mosaic virus-infected and non-infected tobacco plants*. Boyce Thompson Inst Contrib 19:104-6 Jl '57

Richards, Bert Lorin, and Cochran, Lloyd Curtis. *Virus and viruslike diseases of stone fruits in Utah: a handbk. for their identification and control*. (Bul 384) Utah agricultural experiment station. Utah state agricultural college; Horticultural crops research branch. Agricultural research service, U.S. Dept. of agriculture 5-? p 126-7
Rubio Huertos, Miguel. *Los virus de las plantas*. (Pubs, 14; Monografias de ciencia moderna, 56) Inst. de edafologia y fisiologia vegetal. Consejo superior de investigaciones cientificas '56 p 141-55

Smith, Kenneth Manley, and Markham, Roy. *Mumps, measles & mosaics: a study of animal and plant viruses*. (New naturalist lib. Special v 10) Praeger '54 incl bibliog

Sturgess, O. W. *Leaf shrivelling virus diseases of the tomato*. Queensland J Ag Sci 13:219-20 D '56

Sylvester, E. S. *Beet yellows virus transmission by the green peach aphid*. J Econ Entom 49:800 D '56

VIRUS diseases in plants—Continued

- Sylvester, E. S. Lettuce mosaic virus transmission by the green peach aphid. *Phytopathology* 45:368-70 J1 '55
- Tomlinson, N. and Woodbridge, C. G. Evaluation of a colorimetric and ultraviolet absorption test for diagnosis of plant virus diseases as applied to stone and small fruits. *Can J Ag Sci* 35:123 Mr '55
- Yarwood, C. E. Mechanical transmission of an apple mosaic virus. *Hilgardia* 23:627-8 J1 '55

See also

Viruses, Plant

VIRUSES

- Ackermann, W. W. Cellular aspects of the cell-virus relationship. *Bact R* 22:236-9 D '58
- Beard, J. W. Viruses as a cause of cancer. *Am Scientist* 46:250-4 S '58
- Burnet, Sir Frank Macfarlane. Enzyme, antigen and virus; a study of macromolecular pattern in action. Cambridge '56 p 180-93
- Burnet, Sir Frank Macfarlane. Principles of animal virology. Academic press '55 incl bibliog
- Green, M. R. Carbohydrate metabolism of mouse muscle in relation to infection with coxsackie virus, group A. *J Exp Zool* 133: 501-4 D '56
- Hauduroy, Paul, and others. Problèmes actuels de virologie. Masson '54 incl bibliog
- Maramorosch, K. Viruses that infect and multiply in both plants and insects. *N Y Acad Sci Trans* 20:392-3 Mr '58
- Moulder, J. W. Biochemical aspects of the growth of feline pneumonitis virus in the chick embryo yolk sac. *Bact R* 18:175-6 S '54
- Nemes, Elmer Pierre. Notes on the virus origin of cancer and a new test for the diagnosis of cancer from urine specimens. Remle research inc. '55 np
- New York academy of sciences. Cellular biology, nucleic acids and viruses, by V. G. Alfreij (and others) consulting ed: Thomas M. Rivers. (Special pubs, v5) The academy '57 incl bibliog
- Rooyen, C. E. van. Revision of Holmes's classification of animal viruses, suborder III (zoophagineae) *Can J Microbiol* 1:243-8 D '54
- Rutgers university, New Brunswick, New Jersey. Institute of microbiology. Perspectives in virology; a symposium, ed. by Morris Pollard. Wiley '59 incl bibliog
- Smith, Kenneth Manley, and Markham, Roy. Mumps, measles & mosaics; a study of animal and plant viruses. (New naturalist lib. Special v 10) Praeger '54 incl bibliog
- Society for general microbiology. Virus growth and variation; 9th symposium of the Society held at the Senate house, Univ. of London, Apr. 1959 led. by A. Isaacs and B. W. Lacey Cambridge '59 incl bibliog
- Sosa-Martinez, J. and Lennette, E. H. Studies on a complement fixation test for herpes simplex. *J Bact* 70:214-15 Ag '55
- Wood, B. M. and Garren, H. W. Study of the resistance of Rhode Island reds to implants of lymphoid tumor strain RPL-12. *Poultry Sci* 37:325-6 Mr '58
- Yarwood, C. E. Generation time and the biological nature of viruses. *Am Natur* 90:101-2 Mr '56

See also

Bacteriophage

VIRUSES, Plant

- Badami, R. S. Changes in the transmissibility by aphids of a strain of cucumber mosaic virus. *Ann Ap Biol* 46:562 D '58
- Bagnall, R. H. and Bradley, R. H. E. Resistance to virus Y in the potato. *Phytopathology* 48:125 Mr '58
- Bagnall, R. H. and others. Potato viruses M, S, and X in relation to interveinal mosaic of the Irish cobbler variety. (Research bul. 198) Agricultural experiment station, Univ. of Wis. '56 p44-5
- Bawden, Frederick Charles. Plant viruses and virus diseases. 3d rev ed (New ser. of plant science bks, v23) *Chronica botanica* '56 incl bibliog
- Black, L. M. Concepts and problems concerning purification of labile insect-transmitted plant viruses. *Phytopathology* 45: 216 Ap '55

- Easton, G. D. and others. Immunity to virus Y in the genus *solanum*. (Research bul. 205) Agricultural experiment station, Univ. of Wis. '58 p28-31
- Frazier, N. W. and Posnette, A. F. Relationships of the strawberry viruses of England and California. *Hilgardia* 27 no 17:494-6 Ag '58
- John, V. T. Review of plant viroses [sic] in India. *Madras Univ J secB* 27:438-50 Ag '51
- McEwen, F. L. and others. Host range and transmission of the pea enation mosaic virus. *J Econ Entom* 50:774-5 D '57
- Silberschmidt, K. Potato viruses in the Americas. *Phytopathology* 44:419-20 Ag '54
- Stahmann, M. A. and Kaesberg, P. Concepts and problems concerning the electron microscopy of plant viruses. *Phytopathology* 45:195 Ap '55
- Steere, R. L. Concepts and problems concerning the assay of plant viruses. *Phytopathology* 45:205-8 Ap '55
- Sylvester, E. S. Aphid transmission of non-persistent plant viruses with special reference to the brassica nigra virus. *Hilgardia* 23:93-8 Je '54
- Thresh, J. M. Some effects of tannic acid and of leaf extracts which contain tannins on the infectivity of tobacco mosaic and tobacco necrosis viruses. *Ann Ap Biol* 44:617-18 D '56
- Willison, R. S. and Weintraub, M. Properties of a strain of cucumber-mosaic virus isolated from prunus hosts. *Can J Bot* 35:770-1 S '57

VISCOSITY

- Carr, N. L. and others. Viscosity of hydrocarbon gases under pressure. *J Pet Tech* 6:54-5 O '54
- Rheology abstracts. See numbers of British society of rheology. Bulletin
- Whittenberger, R. T. and Nutting, G. C. High viscosity of cell wall suspensions prepared from tomato juice. *Food Tech* 12: 424 Ag '58

See also

Fluidity

VISIBILITY

- National research council. Highway research board. Night visibility; 1955[1958] papers presented at the 34th[37th] annual meeting, 1955[1958] (Bul. 127, 146, 163, 191) The board '56-'58 4v incl bibliog
- Rex, C. H. Computation of relative comfort and relative visibility factor ratings for roadway lighting. *Illum Eng* 54:310 My '59

VISION. See Eye; Sight**VISITING housekeepers**

- Child welfare league of America, incorporated. Standards for homemaker service for children. The league '59 p42
- Selected bibliography on home-help service. *Int Social Serv R* no 1:60 Ja '56

VISITING teachers

- Sneed, Ruth. School visits home; an action research study of home visiting by home economics teachers with implications for the total school program. (Bul. 30, no2) Bur. of school service, Univ. of Ky. '57 p61-3

VISTALLI, Francesco, 1877-1951

- In memoria di mons. Francesco Vistelli; con uno scritto di sua eminenza il card. Roncalli. Banca popolare di Bergamo '53 p33-47

VISUAL instruction. See Audio-visual education**VITAL statistics**

- Demographic yearbook, 1955 [prepared by] Statistical office, Dept. of economic affairs. (V7) United nations '55 p751-72

See also

Census
Demography
Fecundity
Mortality
Sex ratio

VITAMIN therapy

- Shils, Maurice Edward, and Goodhart, Robert Stanley. Flavonoids in biology and medicine; a critical review. (Nutrition monograph ser, no2) Nat. vitamin foundation '56 p80-101

VITAMINS

- Anderson, G. J. and others. Effect of high level vitamin supplementation of high and low energy rations on egg production and egg shell quality. *Poultry Sci* 36:1375-6 N '57
- Commonwealth bureau of animal nutrition. Nutrition abstracts and reviews. The bureau. See numbers

VITAMINS—Continued

- Harrell, Ruth Flinn, and others. Effect of mothers' diets on the intelligence of offspring; a study of the influence of vitamin supplementation of the diets of pregnant and lactating women on the intelligence of their children. Teachers college '55 p66-71
- Knobloch, Eduard. Fyzikálné chemické metody stanovení vitamínů. (Československá akad. věd. Sekce chemická. Studie a přeměny, v 14) Nakl. Československé akad. věd '56 incl bibliog
- MacNair, Vera. Effects of storage and cooking on carotene and ascorbic content of some sweet potatoes grown in northwest Arkansas. (Bul. 574) Agricultural experiment station, College of agriculture & home economics, Univ. of Ark. '56 p 16-17
- Merck and company, incorporated. Vitamin B₁₂ in animal nutrition. (Merck service bul) Chemical div. '57 incl bibliog
- Miller, Carey D. and others. Vitamin values of foods used in Hawaii. (Technical bul. 30) Hawaii agricultural experiment station, Univ. of Hawaii '56 p92-4
- National vitamin foundation. Report to the Board of governors by the Scientific director, January 1, 1955-December 31, 1955(-January 1, 1958-December 31, 1958) The foundation '56-59 4v 1955, p27-49; 1956, p60-72; 1957, p22-45; 1958, p31-65 annot
- National vitamin foundation. Symposium on some recent observations on biological relationships; proceedings of the scientific sessions of the 12th annual meeting of the Foundation. New York city, March 5, 1957. (Nutrition symposium ser. no 16) The foundation '58 incl bibliog
- National vitamin foundation. Symposium on the role of some of the newer vitamins in human metabolism and nutrition; proceedings of the Nutrition symposium held at Vanderbilt univ, School of medicine, Nashville, Tenn, Oct. 20-21, 1955. (Nutrition symposium ser. no 12) The foundation '56 incl bibliog
- National vitamin foundation. Symposium on vitamin metabolism; proceedings of a symposium held under the auspices of the Univ. of Tex. and the Foundation, New York city, March 6, 1956. (Nutrition symposium ser. no 13) The foundation '56 incl bibliog
- Newman, B. and Palermo, B. T. Are topical vitamins underestimated? *Am Perfumer & Aromatics* 73:46 My '59
- North, J. D. K. and Sinclair, H. M. Effect of a combined deficiency of thiamine and of pantothenic acid on the nervous system of the rat. *J Nutrition* 61:232-4 F '57
- Relata. See numbers of Internationale zeitschrift für vitaminforschung
- Shils, Maurice Edward, and Goodhart, Robert Stanley. Flavonoids in biology and medicine; a critical review. (Nutrition monograph ser. no2) Nat. vitamin foundation '56 p80-101
- See also
Blood—Vitamin content
Flour, Enriched
Liver—Vitamin content
Milk—Vitamin content
Plants—Vitamin content
Wheat germ
- Biological assay
- Weits, J. Preparation of roughage samples for biological determination of vitamin D content. *J Dairy Sci* 41:1092-3 Ag '53
- Therapeutic use
- See Vitamin therapy
- Vitamin A
- Bagchi, K. and others. Etiology of phrynodermia. *Am J Clin Nutrition* 7:257-8 My '59
- Cama, H. R. and others. Effect of thyroid activity on the conversion of carotene and retinene to vitamin A and on serum proteins. *J Nutrition* 63:582-3 D '57
- Fisher, L. R. and Kon, S. K. Vitamin A in the invertebrates. *Cambridge Philos Soc Biol R* 34:31-6 F '59
- Harms, R. H. and others. Evidence for a substance in fish solubles which enhances vitamin A storage in chick livers. *Poultry Sci* 35:290-1 Mr '56
- Harms, R. H. and others. Storage of vitamin A in chick livers as a criterion of stability, availability, and dietary level. *Poultry Sci* 34:1133 S '55
- Hedenberg, Inge. Macroscopic and microscopic changes and stone formation in the urinary tract in experimentally produced vitamin A deficiency in rats and some notes on the effect of large doses of vitamin A on the uterine, vaginal, and vesical epithelium; tr. by Joan Whitehouse. (Sup 192) *Acta chirurgica scandinavica* '54 p81-7
- Moore, Thomas. Vitamin A. Elsevier '57 incl bibliog
- Rousseau, J. E. and others. Relationship between plasma vitamin A and liver vitamin A in calves fed a vitamin A depletion ration and calves fed minimum levels of vitamin A or carotene. *J Dairy Sci* 37:1381-2 N '54
- Rousseau, J. E. and others. Relative value of carotene from alfalfa and vitamin A from a dry carrier fed at minimum levels to Holstein calves. *J Dairy Sci* 37:898-9 Jl '54
- See also
Carotene
- Vitamin B complex
- Smith, Q. T. and Allen, R. S. B-vitamin levels in the blood of young dairy calves fed a milk replacement diet with and without aureomycin. *J Dairy Sci* 37:1196-7 O '54
- See also
Nicotinic acid
Pantothenic acid
Riboflavin
Thiamin
- Vitamin B₁
- See Carnitine
- Vitamin B₁
- See Thiamin
- Vitamin B₂
- See Riboflavin
- Vitamin B₆
- See Pyridoxine
- Vitamin B₁₂
- Bentley, O. G. and others. Effect of trace minerals on growth performance and vitamin B₁₂ synthesis of steers. *J Animal Sci* 13:800-1 N '54
- Dryden, L. P. and others. Comparative assay for vitamin B₁₂ in certain milk products by various rat growth methods. *J Nutrition* 59:100-2 My '56
- Ellenbogen, L. and others. Effect of intrinsic factor on absorption of vitamin B₁₂ in healthy individuals. *Am J Clin Nutrition* 6:29 Ja '58
- Hartman, A. M. and others. Vitamin B₁₂ content of milk and milk products as determined by rat assay. *J Nutrition* 59:86-8 My '56
- Howe, E. E. Effect of vitamin B₁₂ on growth-retarded children: a review. *Am J Clin Nutrition* 6:24-5 Ja '58
- Johnson, B. C. Studies on the mechanism of action of vitamin B₁₂ in animal nutrition. *Am J Clin Nutrition* 6:48-9 Ja '58
- Lochhead, A. G. and Burton, M. O. Incidence in soil of bacteria requiring vitamin B₁₂ and the terregens factor. *Soil Sci* 82:244-5 S '56
- Mackay, I. F. S. and others. Influence of vitamin B₁₂ and aureomycin upon the growth of protein-deficient children. *J Nutrition* 59:168-70 My '56
- Merck and company, incorporated. Vitamin B₁₂. (Merck service bul) Chemical div. '58 incl bibliog
- Montoye, H. J. Vitamin B₁₂: a review. *Res Q* 26:311-13 O '55
- Rosenthal, H. L. and Hampton, J. K. Absorption of cyanocobalamin (vitamin B₁₂) from the gastrointestinal tract of dogs. *J Nutrition* 56:81 My '55
- Smith, S. E. and Loosli, J. K. Cobalt and vitamin [B₁₂] in ruminant nutrition. *J Dairy Sci* 40:1224-7 O '57
- Southcott, B. A. and Tarr, H. L. A. Microbiological formation of vitamin B₁₂. *Can J Microbiol* 2:201-2 Mr '57
- Williams, Richard Tecwyn, ed. Biochemistry of vitamin B₁₂; a symposium held at the London school of hygiene and tropical medicine on 19 Feb. 1955. (Biochemical soc London. Symposia, no 13) Cambridge '55 incl bibliog
- Vitamin C
- See Ascorbic acid

VITAMINS—Continued

Vitamin D

- Herting, D. C. and Steenbock, H. Vitamin D and gastric secretion. *J Nutrition* 57:481-2 D '55
 Steenbock, H. and Herting, D. C. Vitamin D and growth. *J Nutrition* 57:466-8 D '55

Vitamin E

- Eastman Kodak company. Distillation products industries. Annotated bibliography of vitamin E (alpha-tocopherol) in the nutrition of turkeys, ducks, and pheasants, 1934 to 1955; comp. by Stanley R. Ames [and others] The company '55 28, 4p
 Eastman Kodak company, Rochester. New York. Distillation products industries. Annotated bibliography of vitamin E, 1955-1957. (V4) The company '58 216p
 Machlin, L. J. and others. Effect of antioxidants on vitamin E deficiency symptoms and production of liver peroxide in the chicken. *J Nutrition* 67:341-3 F '59
 Scott, M. L. and others. Studies on vitamin E in poultry nutrition. *J Nutrition* 56:400-2 JI '55

See also
 Tocopherols

Vitamin P

See also
 Flavonoids

VITICULTURE. See Grapes

- VIVALDI, Antonio, 1675?-1741
 Pincherle, Marc. Vivaldi; genius of the baroque; tr. from the French by Christopher Hatch. Norton '57 p267-8
 VLEESCHAUWER, Herman Jean de, 1899-
 rauche, G. A. Das schriftum [sic] von H. J. de Vleeschauwer. Mousaion no26:21-46 '57

VOCABULARY

- Jennings, Charles B. and others. Consider your words. Harper '59 p 163-8 annot
 Otterman, L. M. Value of teaching prefixes and word-roots. *J Educ Res* 48:615-16 Ap '55

VOCAL music

See also
 Songs

VOCATION (in religious orders, congregations, etc)

- Biot, René, and Galimard, Pierre. Medical guide to vocations; tr. from the French and adapted into English by Robert P. Odenwald. Newman press '55 p287-94

VOCATIONAL buildings. See School shops

VOCATIONAL education

- Benge, R. C. Technical and vocational education in the United Kingdom; a bibliog. survey. (United Nations educational, scientific and cultural organization. Educational studies and docs, no27) UNESCO '58 51p
 Emerson, Lynn Arthur. Vocational-technical education for American industry; occupations, sel. references, educational programs. (U.S. Office of education. Circ. no530) U.S. Gov. ptg. office '58 p 13-23 annot
 Inter-American seminar on vocational education. University of Maryland, 1952. Educación vocacional (técnica) en América: informe final del Seminario Interamericano de educación vocacional (técnica) (Seminarios interamericanos de educación, no9) Div. of education, Pan American union '54 p318-91
 International labor office. Library. Bibliography on vocational training. (Bibliog. contributions, no 12) The library '57 39, 12p
 —Appendix. List of I.L.O. publications and documents on vocational training. The library '57 12p
 Jones, Walter Benton. Problems in teaching industrial arts and vocational education: a job analysis and suggested solutions. Bruce pub. '58 incl bibliog
 Movshovich, M. I. Technical and vocational education in the U.S.S.R.; a bibliographical survey. (Educational studies and docs, no30) UNESCO '59 53p
 Patterson, C. H. Predicting success in trade and vocational school courses: review of the literature. *Educ & Psychol Meas* 16: 391-400 Autumn '56
 Roberts, Roy W. Vocational and practical arts education; history, development, and principles. (Exploration ser. in education) Harper '57 incl bibliog

United Nations educational, scientific and cultural organization. International bibliography of technical and vocational education. (Educational studies and docs, no31) UNESCO '59 72p annot

Vocational and technical education; reviews the literature for the six-year period since Oct. 1950. *R Educ Res* 26:345-411 O '56

See also

Agricultural education
 Education, Cooperative
 Employees—Training
 Industrial education
 Technical education

VOCATIONAL guidance

- Angel, Juvenal Londoño. Employment service handbook for 1956-57. 2d ed rev & enl World trade '56 p 116-19
 Baer, Max Frank, and Roeber, Edward C. Occupational information. 2d ed (Professional guidance ser) Science research associates '58 incl bibliog
 Best books of 1954[-1958] on vocational guidance. *Nat Assn Sec Sch Prin Bul* 39:171-4; 40:161-5; 41:151-5; 42:158-62; 43:203-8 My '55, My '56, My '57, My '58, My '59 annot
 Burt, Jesse Clifton. Your vocational adventure. Abingdon '59 p 187-96
 California. Department of education. Bureau of guidance. Occupational pamphlets; a rev. list of free and inexpensive pamphlets. The bureau '56 17p
 Darley, John Gordon, and Hagenah, Theda. Vocational interest measurement; theory and practice. Univ. of Minn. press '55 p267-71
 Federation employment and guidance service. Free occupational and vocational guidance literature. The service '55 50p
 Guidance index, 1956[-1957] Science research associates '56-'57 2v
 Lash, Henry L. Current literature in vocational guidance; an annot. bibliography. 3d ed (Los Angeles junior college chronicles; Pub. no521) Los Angeles school districts '59 25p
 Lofquist, Lloyd H. Vocational counseling with the physically handicapped. (Cent. psychology ser) Appleton '57 p357-67
 Michels, Marjorie E. Occupational information; a classified bibliography. Counseling center, Univ. of Calif. '56? 23p
 Nevada. State board of vocational education. Guidance division. Bibliography of the Guidance mail service loan library. (Guidance aid no3) The division '55 12p
 New York life insurance company. Career information service. Guide to career information; a bibliog. of recent occupational literature; foreword by Devereux C. Josephs. Harper '57 203p annot
 Ohio. State department of education. Guidance services section. Fifty sources of occupational information. (Guidance services) The section '58 7p annot
 Patterson, C. H. Use of projective tests in vocational counseling. *Educ & Psychol Meas* 17:551-5 Winter '57
 Shosteck, Robert. What to read guide; a bibliog. of current literature on 400 occupations and industries. 2d rev ed B'nai B'rith vocational service '56 180p
 Strong, Edward Kellogg. Vocational interests 18 years after college. (Minn. lib. on student personnel work) Univ. of Minn. press '55 p 198-9
 Super, Donald Edwin. Psychology of careers; an introd. to vocational development. Harper '57 p323-46
 Super, Donald Edwin, and Bachrach, Paul B. Scientific careers and vocational development theory; a review, a critique and some recommendations. (HMLI pamphlets) Horace Mann-Lincoln inst. of school experimentation, Teachers college '57 p 123-35
 Super, Donald Edwin, and others. Vocational development; a framework for research. (Horace Mann-Lincoln inst. of school experimentation. Career pattern study monograph 1) Teachers college '57 p 135-42
 United States. Department of labor. Occupational information for counselors; an annotated bibliography. The department '56 16p
 —Same, rev ed The department '58 24p
 See also
 Educational guidance
 Occupations

VOCATIONAL interest test. See Strong vocational interest blank

VOCATIONS. See Occupations

- VÖGE, Wilhelm, 1868-1952**
Vöge, Wilhelm. Bildhauer des mittellalters; gesammelte studien; vorwort von Erwin Panofsky [bibliog. by Gräfin Carla Rothkirch] Gebr. Mann '58 p245-8
- VOGL, Johann Michael, 1768-1840**
Liess, Andreas. Johann Michael Vogl, hofoperist und Schubertsänger. H. Böhlau nachf. '54 p201-2
- VOGT, Thorolf, 1888-1958**
Orftedal, I. Thorolf Vagt. Norsk Geol Tids 39 no 1:3-11 '59
- VOICE**
Greene, Margaret C. L. Voice and its disorders. Pitman '57 p213-18
Orthmann, Werner. Sprechkündliche behandlung funktioneller stimmstörungen; anwendung der kaumethode (Fröschels, Chewing approach) für hyperkinetische stimmstörungen. (Berlin. Univ. Inst. für sonderschulwesen. Beiträge zum sonderschulwesen, heft 11) Marhold '56 p 165-74
See also
Larynx
Phonetics
Singing
Speech
- VOLATILE substances**
Webb, A. D. and Kepner, R. E. Some volatile aroma constituents of vitis vinifera var. muscat of Alexandria. Food Res 22:394-5 J1 '57
- VOLCANIC ash, tuff, etc.**
Hay, R. L. Origin and weathering of late pleistocene ash deposits on St Vincent, B.W.I. J Geol 67:86-7 Ja '59
Martin, E. C. Some field and petrographic features of American and New Zealand ignimbrites. N Z J Geol & Geophys 2:410-11 My '59
Ross, C. S. Provenience of pyroclastic materials. Geol Soc Am Bul 66:433-4 Ap '55
- VOLCANOES**
Aramaki, S. 1783 activity of Asama volcano. Japan J Geol & Geoz 28:31-3 S '57
Bibliography. See numbers of American geophysical union. Transactions thru 1958
Bout, P. and others. Géomorphologie et glaciologie en Islande centrale. Norois 2:568-71 O '55
Foster, H. L. and Mason, A. C. 1950 and 1951 eruptions of Mihara Yama, Oshima volcano, Japan. Geol Soc Am Bul 66:760-1 Je '55
Isshiki, N. Petrology of plutonic cognate ejecta from Nishi-yama volcano, Hachijojima, the Seven Lu islands, Japan. Japan J Geol & Geog 29:72-4 Ag '58
Shelton, J. S. Glendora volcanic rocks, Los Angeles basin, California. Geol Soc Am Bul 66:83-9 Ja '55
Wentworth, Chester Keeler, and Macdonald, Gordon Andrew. Structures and forms of basaltic rocks in Hawaii. (U.S. Geological survey. Bul. 994) U.S. Gov. ptg. office '53 p91-5
Williams, Howel, and Meyer-Abich, Helmut. Volcanism in the southern part of El Salvador; with particular reference to the collapse basins of lakes Coatepeque and Ilopango. (Calif. Univ. Pubs. in geological sciences, v32, no 1) Univ. of Calif. press '55 p53-4
See also
Earthquakes
Lava
- VOLCANOES, Submarine**
Gigout, M. Le volcan sous-marin d'âge acadien de Sidi-Said-Maâchou. Soc Géol France Bul 6:572-4 D '56
- VOLES.** See Field mice
- VOLLMER, Hans, 1878-**
Hamsch-George, Magdalena, ed. Festschrift Hans Vollmer [aus anlass seiner fünfzigjährigen tätigkeit als mitarbeiter und herausgeber des Thieme-Becker Allgemeines lexikon der bildenden künstler von der antike bis zur gegenwart] Seemann '57 p289-92
- VOLTAGE**
See also
High voltages
- VOLTAGE regulators**
Benson, Frank Atkinson. Voltage stabilized supplies; basic principles, characteristics, and applications. Macdonald '57 p309-42
Benson, F. A. and Gillespie, E. F. Influence of arkon content on the characteristics of glow-discharge tubes. Inst Elec Eng Proc 104 ptB:504-5 S '57
- Haine, M. E. and Jervis, M. W. Use of an electron velocity analyser to stabilize a 50-kv direct-voltage source to a few parts in a million. Inst Elec Eng Proc pt B 102: 272 My '55
Norris, E. T. Transformers, regulators and reactors. Inst Elec Eng Proc 105 ptA:248-9 Je '58
- VOLTAIC arc.** See Electric arc
- VOLTAIRE, François Marie Arouet de, 1694-1778**
Besterman, Theodore. Quelques éditions anciennes de Voltaire inconnues à Bengesco. The author '54? 134-204p
Brussels. Bibliothèque royale de Belgique. Collection voltairienne du Comte de Launoit. The library '55 131p
Pomeau, René. La religion de Voltaire. Lib. Nizet '56 p463-96
Rowe, Constance. Voltaire and the state. Columbia univ. press '55 p229-37
- VOLTMETERS**
Palm, Albert. Elektrostatische messgeräte. (Wissenschaftliche bücherei. Bücher der messtechnik. Abt. V: Messung elektrischer grössen. Buch 5 C 4) Braun '51 p73-6
- VOLUMETRIC analysis**
Beamish, F. E. and Westland, A. D. Inorganic gravimetric and volumetric analysis. Anal Chem 28:704-5; 30:820-2 Ap '56, Ap '58
Conway, Edward Joseph. Microdiffusion analysis and volumetric error. 4th rev ed Macmillan '58 p449-58
DeFord, D. D. and Bowers, R. C. Electroanalysis and coulometric analysis. Anal Chem 30:618-19 Ap '58
Laitinen, H. A. Amperometric titrations. Anal Chem 28:669-71; 30:660-1 Ap '56, Ap '58
Madsen, Edmund Rancke. Development of titrimetric analysis till 1806. Gad '58 p227-39
Petzold, Walter. Die cerimetric und die anwendung der ferroine als massanalytische redoxindikatoren; eine zusammenfassende darstellung, hrsg. von E. Merck AG, Darmstadt. Verlag Chemie '55 p242-307
Reilley, C. N. Potentiometric titrations. Anal Chem 28:677-8; 30:776-8 Ap '56, Ap '58
Riddick, J. A. Acid-base titrations in non-aqueous solvents. Anal Chem 28:685-7; 30: 803-5 Ap '56, Ap '58
Schwarzenbach, Gerold. Complexometric titrations; tr. and rev. in collaboration with the auth. by Harry Irving. Interscience '57 p 108-25
Smith, W. T. and others. Volumetric and gravimetric analytical methods for organic compounds. Anal Chem 28:713-14; 30:827-9 Ap '56, Ap '58
- VONDEL, Joost van den, 1587-1679**
Melles, J. Joost van den Vondel; de geschiedenis van zijn leven; ingeleid door P. J. H. Vermeeren. Kemink '57 p293-8
- VON MISES, Ludwig, 1881-**
Sennholz, Mary Homan, ed. On freedom and free enterprise; essays in honor of Ludwig von Mises, presented on the occasion of the fiftieth anniversary of his doctorate, Feb. 20, 1956; contributors: C. Antoni [and others] Van Nostrand '56 p xlii-xiv
- VON NEUMANN, John, 1903-1957**
Bochner, S. John von Neumann. (In National academy of sciences. Biographical memoirs. (V32) Columbia univ. press '58 p448-57)
Ulam, S. John von Neumann, 1903-1957. Am Math Soc Bul 64:42-9 My '58
- VOODOOISM**
Métraux, Alfred. Voodoo in Haiti; tr. by Hugo Charteris. Oxford '59 p379-90
- VOORBURG, Netherlands**
Linnartz, Frans Jozef. Dorp aan de Vliet, geschiedenis van Voorburg; samengesteld door Gabriël Gorris [pseud. and others] Van Leeuwen '53 p290-6
- VORONCA, Ilarie**
Voronca, Ilarie. Poèmes choisis; avec une introd. de Tristan Tzara. Seghers '56 p61
- VORSTIUS, Joris, 1894-**
Kaegbein, P. Veröffentlichungen von Joris Vorstius, 1917-1953 (In Roloff, Heinrich, ed. Bibliothek, bibliothekar, bibliothekswissenschaft; festschrift Joris Vorstius zum 60. geburtstag dargebracht. Harrassowitz '54 p 1-16)
- VORTEX motion**
Westley, R. Bibliography and survey of the vortex tube. (CoA note no9) Cranfield, [Eng]. College of aeronautics '54 38p

VOTING

Kirsch, Arthur D. Social distance in voting behavior related to N variables. (Studies in higher education, '56; Further studies in attitudes, ser. 24) Div. of educational reference, Purdue univ. '57 p38-42

See also

Suffrage

VOWELS

House, A. S. and Stevens, K. N. Analog studies of the nasalization of vowels. J. Speech & Hear Dis 21:231-2 Je '56

VOYAGES, Imaginary

See also

Interplanetary voyages

VOYAGES and travels

Fossati Bellani, Luigi Vittorio. I libri di viaggio e le guide della raccolta Luigi Vittorio Fossati Bellani; catalogo descrittivo, a cura di Antonio Pescarozzi; pref. di Giuseppe de Luca; ricordo di Marino Moretti. (Sussidi eruditi, 9-11) Edizioni di storia e letteratura '57 3v

Giraldo Jaramillo, Gabriel. Bibliografía colombiana de viajes. (Biblioteca de bibliografía colombiana, 2) Editorial ABC '57 224p

Penrose, Boies. Travel and discovery in the renaissance, 1420-1620. 2d ed Harvard univ. press '55 p335-6

Rowe, Newton Allan. Voyage to the Amorous islands; the discovery of Tahiti. Essential bks. '56 p249-51

Warner, Oliver. English maritime writing: Hakluyt to Cook. (Bibliog. ser. of sups. to British bk. news, no 105) Longmans '58 p33-5 annot

Whitebrook, Robert Ballard. Coastal exploration of Washington; foreword by Henry R. Wagner. Pacific bks. '59 p 139-46

See also

Discoveries (in geography)

Explorers

Overland journeys to the Pacific

Pilgrims and pilgrimages

Pirates

Seafaring life

Shipwrecks

Whaling

VULCANIZATION

Akron University. Rubber division. Library. Continuous vulcanization of extrusions for wire and cable. (Bibliog. no26) The library '56 12p annot

VYBÍRAL, Bohuš, 1887-1951

Šolcová, Marta. Dr. B. Vybírál; bibliografický soupis knih a překladů z jihoslovanských literatur. (Pub. v4/55) Knihovna, Univ. v Olmouci '55 33p

W

WACE, fl 1170

Keller, Hans Erich. Etude descriptive sur le vocabulaire de Wace. (Akad. der wissenschaften, Berlin. Inst. für romanische sprachwissenschaft. Veröffentlichungen, no7) Akademie-verlag '53 p387-93

WACH, Joachim, 1898-1955

Kitagawa, J. M. Bibliography of Joachim Wach (1922-55) J. Relig 37:185-8 Ji '57

Kitagawa, J. M. and others. Bibliographie Joachim Wach. Archives Sociol Relig 1:64-9 Ja '56

WACKERNAGEL, Martin, 1881-

Münster. Universität. Kunstgeschichtliches seminar. Festschrift, Martin Wackernagel zum 75. geburtstag. Böhlau '58 p212-16

WAGE payment plans

Covert, L. L. and Ferguson, Sheena D. Wage incentives; a literature survey. (T.I.S. rep. no 58) Technical information service, Nat. research council, Canada '59 59, 10p annot

Louden, J. Keith. Wage incentives [by the auth. and] J. Wayne Deegan. 2d ed Wiley '59 p219-22

Marriott, R. Incentive payment systems; a review of research and opinion. Staples press '57 p210-24

Princeton university. Industrial relations section. Incentive wage systems; a sel. annot. bibliography. (Bibliog. ser, no83) The section '55 24p annot

—Same; rev ed (Bibliog ser, no83) The section '56 20p annot

See also

Profit sharing

Guaranty of earnings

Bureau of national affairs, Washington, D.C. Guaranteed annual wage: existing plans, employer & union approaches, bargaining strategy; prepared by Arnold Wolfe Frutkin [and others] (BNA operations manual) The bureau '55 p 154-8

California personnel management association. Research division. Guaranteed annual wage & employment stabilization; a bibliog; a coll. of current reference and research sources prepared for the Association and the Western management assn. by Elizabeth McIndoe. The association '56 19p

New York chamber of commerce. Selected bibliography on the guaranteed annual wage. The chamber '55 3p

Research council for economic security. Guaranteed wages; a sel. bibliography. (Pub. no 106) The council '55 15p

Thole, Henry C. and Gibbons, Charles C. Guaranteed annual wage and business stabilization; a bibliography. W. E. Upjohn inst. for community research '55 14p

United States. Unemployment insurance service. Supplemental unemployment benefit plans and unemployment insurance [by Harper R. Fortune and Reginald D. Tumbleson] (BES no U-172) U.S. Bur. of employment security '57 p29-35

WAGES

Bergström, Svante B:son. Om semesterlön och provision; mit deutscher zusammenfassung. (Uppsala. Univ. Årsskrift 1954:6) Lundequistska bokhandeln '54 p 171-2

Lichter, Helmuth. Leistungs- und soziallohn im wirtschaftsmechanismus. Tritsch '54 p 103-9

Lovejoy, Lawrence C. Wage and salary administration. Ronald '59 p485-91

Princeton university. Industrial relations section. Executive compensation. (Sel. references, no65) The section '55 4p annot

Princeton university. Industrial relations section. Wage-price issue. (Sel. references, no77) The section '57 8p annot

Reynolds, Lloyd George, and Taft, Cynthia H. Evolution of wage structure; with a sec. by Robert M. Macdonald. (Yale studies in economics, 6) Yale univ. press '56 p385-92

Wolf, William B. Wage incentives as a managerial tool. Columbia univ. press '57 p 131-7

See also

Cost and standard of living

Non-wage payments

Prices

Profit sharing

Annual wage

See Wage payment plans—Guaranty of earnings

Minimum wage

Princeton university. Industrial relations section. Economic issues in federal minimum wage legislation. (Sel. references, no64) The section '55 4p annot

WAGES, Guaranteed. See Wage payment plans—Guaranty of earnings

WAGNER, Henry Raup, 1862-1957

Hammond, G. P. and Patterson, J. E. Henry Raup Wagner, 1862-1957. Hispan Am Hist R 37:489-94 N '57

Zamorano club of Los Angeles. Published writings of Henry R. Wagner; issued by the Club at the first Far western meeting of the Bibliographical soc. of Am, held at the Henry E. Huntington lib. on Aug. 27, 1955, in honor of Henry R. Wagner; with a foreword by Lawrence Clark Powell and a pref. by Francis P. Farquhar. Ward Ritchie press '55 30p annot

WAGNER, Max Leopold, 1880-

Manuppella, G. Bibliografia di Max Leopold Wagner. Bol Filol 15 no1/2:39-124 '54

WAGNER, Richard, 1813-1883

Barth, Herbert. Internationale Wagner-bibliographie. Internationale Wagner bibliographie. Bibliographie internationale de la littérature sur Wagner, 1945-1955. Ed. Musica '56 56p

WAKE, William, abp, 1657-1737

Skyes, Norman. William Wake, archbishop of Canterbury, 1657-1737. Cambridge '57 2v v2, p272-8

WALD, Abraham, 1902-1950

Wald, Abraham. Selected papers in statistics and probability; ed. for the Inst. of mathematical statistics, T. W. Anderson [and others] McGraw '55 p20-4

WALDEN

Hinz, Paulus. Der Naumburger Meister; ein protestantischer Mensch des XIII. Jahrhunderts. 4th rev & enl ed Evangelische verlagsanstalt '54 p 155-64

WALES

Bibliotheca celtica; a register of pubs. relating to Wales and the Celtic peoples & languages, 1953[-1957] (ser3, v 1-5) Nat. lib. of Wales '54-'58 5v

Bowen, Emrys George, ed. Wales; a physical, historical and regional geography. Methuen '57 incl bibliog

Library association. County libraries section. Face of Wales. (Readers' guide, new ser, no46) The section '58 32p

Library association. Wales and Monmouthshire branch. Subject index to Welsh periodicals, 1941-45. (V6) The branch '57 81p

History

Hughes, Cledwyn. Royal Wales, the land and its people. Roy pubs. '57 p 197-9

WALL board

Neusser, Herbert. Holzfaserplatten, ihre Herstellung und ihre Eigenschaften. (Schriftenreihe, no3) Österreichische Gesellschaft für Holzforschung '51 p201-8

WALLACE, Robert Charles, 1881-1955

Hawley, J. E. Memorial of Robert Charles Wallace. Am Min 41:318-20 Mr '56

Hawley, J. E. Memorial to Robert Charles Wallace (1881-1955) Geol Soc Am Proc 1955: 180-2 J1 '56

WALLACHIA**History****Sources**

Documenta privind istoria României: B. Tara românească. Mihail Roller, redactor responsabil. Editura Academiei Republicii Populare Române '51-'54 11v

WALLBOARD. See Wall board**WALLENSTEIN-WEINSTEIN, Nathan von. See West, N. pseud.****WALLOON dialect**

La philologie wallonne en 1954[-1957] Dial Belg-Rom 12:175-253; 13:161-242; 14:155-280; 15:179-295 J1 '55, J1 '56, J1 '57, J1 '58

WALLOON folklore. See Folklore, Walloon**WALLS**

Hunt, William Dudley. Contemporary curtain wall; its design, fabrication, and erection. Dodge '58 p440-6

See also

Mural painting and decoration

WALNUT**Diseases and pests**

Michelbacher, Abe Ezra, and Ortega, John C. Technical study of insects and related pests attacking walnuts. (California. Agricultural experiment station. Bul. 764) Div. of agricultural sciences, Univ. of Calif. '58 p82-6

WALPOLE, Horace, 1st baron, 1678-1757

Walpole, Horace. Honest diplomat at the Hague; the private letters of Horatio Walpole, 1715-1716; ed. by John J. Murray. (Ind. Univ. Pubs. Social science ser, no 13) Ind. univ. press '55 p365-76

WALPOLE, Horace, 4th earl of Orford, 1717-1797

Honour, Hugh. Horace Walpole. (Bibliog. ser. of sups. to British bk. news, no92) Longmans '57 p39-44

WALTHER von der Vogelweide, ca 1170-1230

Schirmer, Karl Heinz. Die strophik Walthers von der Vogelweide; ein Beitrag zu den aufbauprinzipien in der lyrischen dichtung des hochmittelalters. Niemeyer '56 p 175-8

WALTON, Izaak, 1593-1683

Bottrall, Margaret (Smith). Izaak Walton. (Bibliog. ser. of sups. to British bk. news, no63) Longmans '55 p37-9

WAR

Kotzsch, Lothar. Concept of war in contemporary history and international law. (Etudes d'histoire économique, politique et sociale. 18) Droz '56 p299-310

United States. Department of the army. Army library. Bibliography on limited war. (PAM 20-60) The library '58 53p

Waltz, Kenneth Neal. Man, the state, and war; a theoretical analysis. (Topical studies in int. relations) Columbia univ. press '59 p239-51

See also

Disarmament
Guerrilla warfare
Militarism
Military art and science
Military policy
Naval art and science
Peace
Strategy

Economic aspects**See also**

World war, 1939-1945—Economic aspects

Relief of sick and wounded**See also**

Medicine, Military

Social aspects**See War and society****WAR (international law)**

Greenspan, Morris. Modern law of land warfare. Univ. of Calif. press '59 p684-95

Kotzsch, Lothar. Concept of war in contemporary history and international law. (Etudes d'histoire économique, politique et sociale. 18) Droz '56 p299-310

Perena Vicente, Luciano. Teoría de la guerra en Francisco Suárez. Inst. Francisco de Vitoria. Consejo superior de investigaciones científicas '54 2v v 1, p32-48

Wehberg, Hans. Krieg und Eroberung im Wandel des Völkerrechts. (Völkerrecht und Politik, v 1) Metzner '53 p 121-6

See also

Aggression (international law)
Prisoners of war
Recognition (international law)
World war, 1939-1945—Atrocities

WAR, Prisoners of. See Prisoners of war**WAR, Psychology of****See also**

Morale
Propaganda
World war, 1939-1945—Psychological aspects

WAR and agriculture. See Agriculture and war**WAR and art. See Art treasures in war****WAR and religion****See also**

Conscientious objectors

WAR and society

Janowitz, Morris. Sociology and the military establishment. Russell Sage '59 p 109-12

WAR crimes

Carjeu, P. M. Projet d'une juridiction pénale internationale. Pedone '53 p326-32

Kosicki, Jerzy. Bibliografia piśmiennictwa polskiego za lata 1944-1953 o hitlerowskich zbrodniach wojennych. Wydawn. prawnicze '55 177p

WAR of the Spanish succession, 1701-1714. See

Spanish succession, War of, 1701-1714

WAR poetry

Blunden, Edmund. War poets, 1914-1918. (Bibliog. ser. of sups. to British bk. news, no 100) Longmans '58 p40-3

WAR veterans. See Veterans**WARBLE flies**

Organization for European economic cooperation. European productivity agency. Organization of control of warble fly infestation in cattle. (Project no205) The agency '57 p71-3

WARFARE, Biological. See Biological warfare**WARFARE, Submarine. See Submarine warfare****WARNER, Hugh Compton**

Warner, Hugh Compton. Divorce and remarriage; what the church believes and why. Allen '54 p90-1

WARNER, Langdon. 1881-1955

Plumer, J. M. Langdon Warner. 1881-1955. Ars Orient 2:635-6 '57

WARREN, Mercy (Otis) 1728-1814

Anthony, Katherine Susan. First lady of the Revolution: the life of Mercy Otis Warren. Doubleday '58 p249-54

WARS. See Military history**WARTS**

Rasmussen, Kaj A. Verrucae plantares: symptomatology and epidemiology. (Sup39) Acta dermato-venereologica '58 p 140-4

WARWICK, England

Wilson, Roger Burdett. Hand-list of books relating to the county of Warwick. Wilson '55 35p

WASHINGTON, Booker T. 1859?-1915
Spencer, Samuel Reid. Booker T. Washington and the Negro's place in American life; ed. by Oscar Handlin. (Lib. of Am. biography) Little '55 p203-6 annot

United States. Library of Congress. Manuscript division. Booker T. Washington: a register of his papers in the Library of Congress. The library '58 105p

WASHINGTON, George, 1732-1799
Cunliffe, Marcus. George Washington, man and monument. Little '58 p217-23 annot
Freeman, Douglas Southall. George Washington: a biography. Scribner '48-'57 7v incl bibliog

Stetson, Charles Wyllys. Washington and his neighbors. Garrett '56 p314-19
Washington, Richard. Secrets along the Potomac; the true story of the most important Am. river & the fascinating events that occur & have occurred in its vicinity. Washington bk. co. '55 p205-50

WASHINGTON, D.C.
Jones, Dorothea. Washington is wonderful. Harper '56 p271-2

United States. Library of Congress. Legislative reference service. Washington metropolitan area; sel. references, 1948-1958. U.S. Gov. ptg. office '59 29p

Description

Willcockson, Mary. Know your capital city: brought up to date by Juanita Winn. (U.S. Office of education. Bul. 1958, no 15) U.S. Gov. ptg. office '58 p45-6 annot

White House

See White House

WASHINGTON (state)
Brier, Howard M. Sawdust empire; the Pacific Northwest. Knopf '57 p266-9

Antiquities

Daugherty, R. D. Archaeology of the Lind Coulee site. Washington. Am Phil Soc Proc 100:276-8 Je '56

Economic conditions

Washington (state). Department of commerce and economic development. Business economic research division. Sources of economic & marketing data, for the state of Washington; comp. by Richard Beebe. The division '59? 79p

WASHINGTON and Jefferson college, Washington, Pennsylvania

Coleman, Helen Turnbull Waite. Banners in the wilderness; early years of Washington and Jefferson college. Univ. of Pittsburgh press '56 p267-73

WASPS

Bohart, Richard Mitchell, and Schlinger, Evert I. California wasps of the genus oxybelus (hymenoptera: sphecidae, crabroninae) (Calif. Insect survey. Bul. v4, no4) Univ. of Calif. press '57 p 131

Cooper, K. W. Biology of eumenine wasps. J Exp Zool 134:508-9 Ap '57

Lamburn, John Battersby Crompton. Hunting wasp, by John Crompton [pseud] Houghton '55 p236

Linsley, E. G. and MacSwain, J. W. Some observations on the nesting habits and prey of cericeris californica cresson (hymenoptera, sphecidae) Entom Soc Am Ann 49:84 Ja '56

WASSERMANN, Jakob. 1873-1934
Voegeli, Walter. Jakob Wassermann und Die trägheit des herzens. Keller '56 p 156-8

WASTE, Disposal of. See Sewage disposal

WASTE paper

Technical association of the pulp and paper industry; auths: A. M. Altieri [and others] (Tappi monograph ser, no 16) The association '56 incl bibliog

WASTE products

Kahle, Humbert Scott, and Gray, Leo R. Utilization and disposal of poultry by-products and wastes. (U.S. Agricultural marketing service. Marketing research rep. no 143) U.S. Govt. ptg. office '56 p50-4

See also

Crop residues
Radioactive waste disposal
Salvage (waste, etc)
Slag
Sulfite liquor
Trade waste
Wood waste

WATCHES. See Clocks and watches

WATER

American geophysical union. Annotated bibliography on hydrology (1951-54) and sedimentation (1950-54) United States and Canada. (U.S. Inter-agency com. on water resources. Notes on hydrologic activities, bul. no7; Sedimentation bul. no7) U.S. Gov. ptg. office '56 207p

Bibliography. See numbers of American geophysical union. Transactions thru 1958

Carter, Douglas B. Water balance of the Mediterranean and Black seas. (Pubs. in climatology, v9, no3) Drexel inst. of technology '56 p 171-4

Collis, John Stewart. Moving waters. Sloane '55 p237-8

Eardley, A. J. and others. Hydrology of Lake Bonneville and sediments and soils of its basin. Geol Soc Am Bul 68:1200-1 S '57

Hydrologische bibliographie für das jahr 1952[-1955] Deutschland (No 10-13) hrsg. vom Meteorologischen und hydrologischen dienst der DDR. Akademie-verlag '55-'58 4v

Németh, E. Hydrological research in Hungary. Acta Tech 18 no 1-2:167-206 '57

Rosenqvist, T. Physico-chemical properties of soils; soil-water systems. Am Soc Civil Eng Proc 85 [SM2 no20001:52-3 Ap '59

Symposium on arid zone hydrology, Ankara, 1952. Actes du Colloque d'Ankara sur l'hydrologie de la zone aride. (Programme de la zone aride, 2) UNESCO '53 incl bibliog

Todd, D. K. Frequency analysis of stream-flow data. Am Soc Civil Eng Proc 83 [HY 1 no 11681:7-9 '57

Van Hylckama, Tircio E. A. Water balance of the earth. (Pubs. in climatology, v9, no2) Drexel inst. of technology '56 p 111-17

Wundt, Walter. Gewässerkunde. Springer '53 p305-10

See also

Dew
Floods
Fog
Hydration
Hydraulic engineering
Ice
Lake water
Lakes
Ocean
Oceanography
Rain and rainfall
Rivers
Sea water
Snow

Analysis

American society for testing materials. Symposium on radioactivity in industrial water and industrial waste water; presented at the 61st annual meeting, Boston, Mass, June 26, 1958. (Special technical pub. no235) The society '58 incl bibliog

Lindgren, C. G. Measurement of small quantities of hydrocarbon in water. Am Water Works Assn J 49:61-2 Ja '57

Love, S. K. and others. Water analysis. Anal Chem 27:688-90; 29:732-4; 31:787-9 Ap '55, Ap '57, Ap '59

Bacteriology

Berger, B. B. and Stevenson, A. H. Feasibility of biological warfare against public water supplies. Am Water Works Assn J 47:109-10 F '55

Harrison, M. E. and Heukelekian, H. Slime infestation—literature review. Sewage & Ind Wastes 30:1299-1302, 1363 O '58

Hvid-Hansen, Niels. Microbiological and hygienic studies on underground water in Sjaelland. Danish science '55 p 179-94

Laubusch, E. J. How safe is your chlorine residual? Pub Works 90:107 Mr '59

Laubusch, E. J. What you should know about the membrane filter. Pub Works 89:166+ Ap '58

See also

Sea water—Bacteriology

Composition

Lohr, Edwin Wallace, and Love, Samuel Kenneth. Industrial utility of public water supplies in the United States, 1952. (U.S. Geological survey. Water-supply paper 1299-1300) U.S. Gov. ptg. office '54 2v incl bibliog

Distribution

See also

Hydraulics

WATER—Continued

Fluoridation

- Exner, Frederick B. and Waldbott, George L. American fluoridation experiment; ed. by James Rorty. Devin-Adair '57 p251-64
- Hayes, R. L. and others. Postoperative effects of fluoridation on first permanent molars of children in Grand Rapids, Michigan. *Am J Pub Health* 47:199 F '57
- National research council. Ad hoc committee on fluoridation of water supplies. Report. November 29, 1951. (Pub. 214) The council '52 p7-8
- United States. Congress. House. Committee on interstate and foreign commerce. Fluoridation of water. Hearings before the Committee, Eighty-third congress, second session, on H. R. 2341, a bill to protect the public health from the dangers of fluorination of water. May, 25, 26 and 27, 1954. U.S. Gov. ptg. office '54 incl bibliog

Heavy water

- Murphy, George Mosley, and others, eds. Production of heavy water, by James O. Maloney [and others] (Nat. nuclear energy ser. Manhattan project technical sec. Div. III, v4F) McGraw '55 incl bibliog

Laws and legislation

- Dobkins, Betty Eakle. Spanish element in Texas water law. *Univ. of Tex. press* '59 p 163-79
- Goede, Barend de. Het beheer in het waterstaatsrecht. Bruna '51 p 133-6
- Haber, David, and Bergen, Stephen W. eds. Law of water allocation in the eastern United States; papers and proceedings of a symposium held in Washington, D.C. Oct. 1956. Ronald '58 p637-43
- Romualdi, A. N. Bibliografia recente sul diritto delle acque pubbliche. *Acqua* 37: 45-6 Mr '59

See also

- Fishery law and legislation
- Water rights

Purification

See also

- Feed water purification

WATER, Heavy. See Water—Heavy water

WATER, Underground

- Palmer, H. S. Origin and diffusion of the Herzberg principle with especial reference to Hawaii. *Pac Sci* 11:188-9 Ap '57
- Steinbruegge, G. W. and others. Ground water recharge by means of wells; an abstract of literature and rep. of project visits. Agricultural experiment station, Dept. of agricultural engineering, Univ. of Ark. '54 p53-119
- Todd, David Keith. Abstract of literature pertaining to sea water intrusion and its control. (Sanitary engineering research projects. Technical bul. no 10) College of engineering, Univ. of Calif. '53 74p
- Todd, David Keith. Annotated bibliography on artificial recharge of ground water through 1954. (U.S. Geological survey. Water-supply paper 1477) U.S. Gov. ptg. office '59 115p
- Todd, David Keith. Ground water hydrology. Wiley '59 incl bibliog
- Vacquey, V. and others. Prospecting for ground water by induced electrical polarization. *Geophysics* 22:686-7 Jl '57
- Vorhis, Robert Corson. Bibliography of publications relating to ground water, prepared by the Geological survey and cooperating agencies, 1946-55. (U.S. Geological survey. Water supply paper 1492) U.S. Gov. ptg. office '57 203p
- See also
- Drainage
- Hot springs
- Mine water
- Soil moisture

Arizona

- United States. Geological survey. Ground water in the Gila River basin and adjacent areas, Arizona; a summary, by L. C. Halpenny and others. The survey '52 p209-14

Denmark

- Hvid-Hansen, Niels. Microbiological and hygienic studies on underground water in Sjælland. *Danish science* '55 p 179-94

Florida

- Parker, Garald Gordon, and others. Water resources of southeastern Florida; with special reference to the geology and ground water of the Miami area. (U.S. Geological survey. Water-supply paper 1255) U.S. Gov. ptg. office '55 p949-55

Texas

- Texas. Board of water engineers. List of ground-water publications. The board '57 87p

Virginia

- Virginia. Division of water resources. Notes on ground water in Virginia. The division '59 p58-9

WATER beetles

- Balfour-Browne, Frank. British water beetles. (Pubs. no 127, 134, 141) Ray soc. '40-'58 3v v 1, p366-73; v2, p372-87; v3, p 198-206

WATER birds

- Bellrose, Frank Chapman. Lead poisoning as a mortality factor in waterfowl populations. (Ill. Natural history survey. Bul. v27, article 3) Ill. Dept. of registration & education '59 p287-8
- Bossenmaier, Eugene F. and Marshall, William H. Field-feeding by waterfowl in southeastern Manitoba. (Wildlife monographs, no 1) Wildlife soc. '53 p31-2
- Day, Albert M. North American waterfowl. 2d ed Stackpole co. '59 p353-6
- Elder, W. H. Effect of lead poisoning on the fertility and fecundity of domestic mallard ducks. *J Wildlife Mgt* 18:322-3 Jl '54
- Elder, W. H. and Weller, M. W. Duration of fertility in the domestic mallard hen after isolation from the drake. *J Wildlife Mgt* 18:501-2 O '54
- Fisher, James, and Lockley, Ronald Mathias. Sea-birds; an intro. to the natural history of the sea-birds of the North Atlantic. (New naturalist; a survey of British natural history) Collins '54 p297-313
- Hochbaum, Hans Albert. Travels and traditions of waterfowl. Univ. of Minn. press '55 p259-83
- Johnsgard, P. A. and Buss, I. O. Waterfowl sex ratios during spring in Washington state and their interpretation. *J Wildlife Mgt* 20:388 O '56
- Shortt, Angus Henry. Sports afield treasury of waterfowl; text by B. W. Cartwright. Prentice-Hall '57 incl bibliog
- United States. Fish and wildlife service. Distribution and status of waterfowl in the Missouri River basin. (Mo. River basin studies) The service '57 p 116-36

See also

Albatrosses

WATER conservation

- Harper, H. J. Fifty years of soil and water conservation research at the state level. *Soil Sci Soc Am Proc* 22:364-6 Jl '58

Europe

- Edelman, Cornelius Hendrik, and Eeuwens, B. E. P. Bibliography on land and water utilization and conservation in Europe. Food & agriculture organization of the United Nations '55 347p

WATER cress

Diseases and pests

- Tomlinson, J. A. Crook root of water-cress. *Ann Ap Biol* 46:607, 621 D '58

WATER flow. See Hydraulics

WATER in the body

- Edney, E. B. Water relations of terrestrial arthropods. (Cambridge monographs in experimental biology, no5) Cambridge '57 p94-105
- Rappaport, R. Uptake of water during development of amphibian tissues. *J Exp Zool* 127:51-2 O '54
- Schreiber, M. and Elvehjem, C. A. Water restriction in nutrition studies. *J Nutrition* 57:144-5 S '55

WATER marks. See Watermarks

WATER mites

- Mitchell, Rodger David. Check list of North American water-mites. (Fieldiana: zoology, v35, no3) Chicago natural history museum '54 p57-75

- Viets, Karl. Die milben des süßwassers und des meeres; hydrachnellae et halacaridae, acari; bibliog, katalog, nomenklator; v 1, Bibliographie. Fischer '55 476p

WATER plants. See Aquatic plants**WATER pollution**

- Aquatic life water quality criteria. Sewage & Ind Wastes 28:689-90 My '56
- Davis, C. C. Plankton and industrial pollution in Cleveland harbor. Sewage & Ind Wastes 27:848-50 J1 '55
- Great Britain. Department of scientific and industrial research. Water pollution abstracts. The department. See numbers
- Grune, W. N. and others. Effects of radioactive materials on anaerobic digestion. Sewage & Ind Wastes 30:1148-50, 1410 S. N '58
- Haney, P. D. and Schmidt, J. Representative sampling and analytical methods in stream studies. Sewage & Ind Wastes 30:819-20 Je '58
- Henderson, C. and others. Toxicity of synthetic detergents and soaps to fish. Sewage & Ind Wastes 31:305-6 Mr '59
- Hirsch, A. Biological evaluation of organic pollution of New Zealand streams. N Z J Sci & Tech 1:537-9 D '58
- Hughes, E. O. and others. Toxicity of a unicellular culture of microcystis aeruginosa. Can J Microbiol 4:235-6 Je '58
- Ingram, William Marcus. Handbook of selected biological references on water pollution control, sewage treatment, water treatment. rev ed (U.S. Public health service. Pub. no 214; Public health bibliog. no8) Water supply & water pollution control program '57 95p
- Ingram, W. M. Snail and clam infestations of drinking-water supplies. Am Water Works Assn J 48:267-8 Mr '56
- Klein, Louis. Aspects of river pollution; with chapters by J. R. Erichsen Jones and H. A. Hawkes. Academic press '57 incl bibliog
- Moulton, Edward Quennell, ed. Acid mine drainage problem in Ohio. (Bul. 166) Engineering experiment station, Ohio state univ. '57 p64-153 annot
- Organization for European economic cooperation. European productivity agency. Air and water pollution; the position in Europe and in the United States. (Project nos. 136 & 145) The agency '57 p 195-215
- Paine, G. H. and Gafin, A. R. Aquatic diptera as indicators of pollution in a mid-western stream. Ohio J Sci 56:303-4 S '56
- Palmer, C. M. Algae and other organisms in waters of the Chesapeake area. Am Water Works Assn J 50:349-50 J1 '58
- Palmer, C. M. and Ingram, W. M. Suggested classification of algae and protozoa in sanitary science. Sewage & Ind Wastes 27:1188 O '55
- Palmer, C. M. and Poston, H. W. Algae and other interference organisms in Indiana water supplies. Am Water Works Assn J 48:1345-6 O '56
- Palmer, C. M. and Tarzwell, C. M. Algae of importance in water supplies. Pub Works 86:120 Je '55
- Review of the literature of 1954[1958] on sewage, waste treatment, and water pollution. Sewage & Ind Wastes 27:515-71, 633-88; 28:630-6, 707-64; 29:497-523, 613-53, 729-56; 30:601-33, 717-56, 839-73; 31:501-41, 616-61, 763-803 My-Je '55. My-Je '56. My-J1 '57, My-J1 '58. My-J1 '59
- Setter, L. R. and Goldin, A. S. Measurement of low-level radioactivity in water. Am Water Works Assn J 48:1378-9 N '56
- Todd, David Keith. Abstract of literature pertaining to sea water intrusion and its control. (Sanitary engineering research projects. Technical bul. no 10) College of engineering, Univ. of Calif. '53 74p
- United States. Public health service. Division of sanitary engineering services. Source materials on water pollution control. rev ed (Pub. no243; Public health bibliog. ser. no22) The service '58 24p
- Wallen, I. E. and others. Toxicity to gambusia affinis of certain pure chemicals in turbid waters. Sewage & Ind Wastes 29:709-11 Je '57
- Whalley, Muriel E. Selected bibliography on water pollution caused by the petroleum industry. (T.I.S. rep. no47) Technical information service. Nat. research council, Canada '56 13p
- Whalley, Muriel E. Selected bibliography on water pollution caused by the pulp and paper industry. (T.I.S. rep. no48) Technical information service. Nat. research council, Canada '56 36p
- See also
Sewage disposal

WATER power

- United States. Superintendent of documents. Irrigation, drainage and water power. (Price list 42, 44th ed) U.S. Gov. ptg. office '57 18p
- See also
Hydroelectric plants
Tidal power
- Europe
- United nations. Economic commission for Europe. Le potentiel hydroélectrique de l'Europe et ses limites théoriques, techniques et économiques. The commission '53 incl bibliog
- France
- Bouchayer, François. Les pionniers de la houille blanche et de l'électricité; préf. de Raoul Blanchard. Librairie Dalloz '54 p 131-2
- United States
- See also
Tennessee Valley authority
- WATER purification**
- Cunningham, William Aaron, and Mills, William Carlos. Deionization of water for ice manufacture. (Engineering research ser. no46) Bur. of engineering research, Univ. of Tex. '56 p52-3
- Digest of current literature. See numbers of Water and water engineering
- Faber, H. A. Research progress in water and sewage. Water & Sewage Works 106:21-2 Ja '59
- Haney, P. D. Principles of flocculation related to water treatment. Am Soc Civil Eng Proc [HY 4 no 10361:10-11 Ag '56
- Hann, V. A. Disinfection of drinking water with ozone. Am Water Works Assn J 48:1320 O '56
- Howells, D. H. Sodium metaphosphate glass in water treatment. Am Soc Civil Eng Proc 183 SA 6 no 14641:13-16 D '57
- Ingram, William Marcus. Handbook of selected biological references on water pollution control, sewage treatment, water treatment. rev ed (U.S. Public health service. Pub. no214; Public health bibliog. no8) Water supply & water pollution control program '57 95p
- Morton, R. J. and Straub, C. P. Removal of radionuclides from water by water treatment processes. Am Water Works Assn J 48:557-8 My '56
- Petrů, A. Čištění průmyslových odpadních vod. Státní nakl. technické literatury '57 incl bibliog
- Straub, C. P. Limitations of water treatment methods for removing radioactive contaminants. Pub Health Rep 70:903-4 S '55
- United States. Division of water pollution control. Selected biological references applicable to water treatment [by] William Marcus Ingram. The division '52 34p
- See also
Filters and filtration
- Chlorination
- Laubusch, E. J. How safe is your chlorine residual? Pub Works 90:107 Mr '59
- Fluoride removal
- Savinelli, A. and Black, A. P. Defluoridation of water with activated alumina. Am Water Works Assn J 50:42-4 Ja '58
- WATER requirements of animals**
- Thorson, T. B. Relationship of water economy to terrestrialism in amphibians. Ecology 36:115-16 Ja '55
- WATER requirements of plants**
- Halkias, N. A. and others. Determining water needs for crops from climatic data. Hilgardia 24:231-3 D '55
- Hosokawa, T. and Kubota, H. On the osmotic pressure and resistance to desiccation of epiphytic mosses from a beech forest, south-west Japan. J Ecol 45:591 J1 '57
- Kozłowski, T. T. Water relations and growth of trees. J For 56:501-2 J1 '58
- Parker, J. Drought resistance in woody plants. Bot R 22:278-89 Ap '56
- Slatyer, R. O. Significance of the permanent wilting percentage in studies of plant and soil water relations. Bot R 23:628-36 D '57
- Stanhill, G. Effect of differences in soil-moisture status on plant growth: a review and analysis of soil moisture regime experiments. Soil Sci 84:211-14 S '57

WATER resources development

Al-Khashab, Wafiq Hussain. Water budget of the Tigris and Euphrates basin. (Chicago, Univ. Dept. of geography. Research paper, no54) Univ. of Chicago press '58 p 103-5

Eckstein, Otto. Water-resource development: the economics of project evaluation. (Harvard economic studies, v 104) Harvard univ. press '58 p283-90

Stanford research institute, Stanford university. Economic considerations in the formulation and repayment of California water plan projects. a report; prepared for the John Randolph Haynes and Dora Haynes foundation. The institute '58 p:D 1-D 13

WATER rights

California. Department of public works. Division of water resources. Water right applications by State department of finance, assignments thereof, reservations for counties of origin, and other related matters, as authorized by part 2, division 6, of the Water code; rep. prepared by W. R. Giannelli. (Water right investigations) The division '55 incl bibliog

Georgia water use and conservation committee. Water in Georgia; a rep. on the historical, physical, and legal aspects of water in Georgia; prepared and submitted to the Governor, the General assembly, and the people of Georgia. Georgia water law rev. comm. '55 p73-85

WATER sports. See Aquatic sports**WATER storage**

Tennessee Valley authority. Library. Pumped storage for hydroelectric power; a sel. list of references in English, 1928-1939 [i.e. 1959] The library '59 9p

WATER supply

Acciaiuoli, Luis de Menezes Corrêa. Bibliographie géohydrologique des années 1924-1954 du Portugal. Conseil international des unions scientifiques '54? 95p

Addison, Herbert. Land, water, and food; a topical commentary on the past, present, and future of irrigation, land reclamation, and the food supplies they yield. Essential bks. '55 p238-40

Chaptal, L. Bibliography on the hydro-genesis problem. (In Winterkorn, Hans Friedrich. Why not tap the air for water? the Greeks did it, why can't we? The author '53? p9-15

Condensation. See numbers of American water works association. Journal

Digest of current literature. See numbers of Water and water engineering

Faber, H. A. One hundred best water and sewage books for engineers, chemists, and plant operators. Water & Sewage Works 104:160-4 Ap '57

Faber, H. A. Research progress in water and sewage. Water & Sewage Works 106:21-2 Ja '59

Literaturberichte über wasser, abwasser, luft und boden. Fischer. See numbers

Parker, Gerald Gordon, and others. Water resources of southeastern Florida; with special reference to the geology and ground water of the Miami area. (U.S. Geological survey. Water-supply paper 1255) U.S. Gov. ptg. office '55 p949-55

Todd, David Keith. Annotated bibliography on artificial recharge of ground water through 1954. (U.S. Geological survey. Water-supply paper 1477) U.S. Gov. ptg. office '59 115p

Vorhis, Robert Corson. Bibliography of publications relating to ground water, prepared by the Geological survey and co-operating agencies 1946-55. (U.S. Geological survey. Water supply paper 1492) U. S. Gov. ptg. office '57 203p

Wundt, Walter. Gewässerkunde. Springer '53 p305-10

See also

Dams

Filters and filtration

Irrigation

Water, Underground

Water pollution

Water purification

Fluorine content

See also

Water purification—Fluoride removal

Apulia

Merendi, Ariberto. Bonifica e trasformazione fondiario-agraria del tavoliere di Puglia. Laterza '52 p 175-80

Arctic regions

Clark, L. K. and Alter, A. J. Water supply in arctic areas: design features. Am Soc Civil Eng Proc 82 [SA 2 no 931]:9-11 Ap '56

Arizona

Schwalen, Harold Christy, and Shaw, R. J. Ground water supplies of Santa Cruz valley of southern Arizona between Rillito station and the international boundary. (Bul.288) Agricultural experiment station. Univ. of Ariz. '57 p 114

Baluchistan

Pithawalla, Manekji Bejanji. Problem of Baluchistan: development and conservation of water resources, soils and natural vegetation. Ministry of economic affairs, Gov. of Pakistan '53 p 153-62

California

Bigger, Richard. Flood control in metropolitan Los Angeles. (Calif. Univ. Pubs. in political science, v6) Univ. of Calif. press '59 p 183-90

Georgia

Georgia water use and conservation committee. Water in Georgia; a rep. on the historical, physical, and legal aspects of water in Georgia; prepared and submitted to the Governor, the General assembly, and the people of Georgia. Georgia water law rev. comm. '55 p73-85

Thomson, Medford Theodore, and others. Availability and use of water in Georgia. (Bul. no65) Ga. Dept. of mines, mining & geology '56 p314-16

Hungary

Ladik, George. Water supply in Hungary. (Pub. no20) Mid-European studies center, Free Europe com. '54 p59-63

Indiana

Palmer, C. M. and Poston, H. W. Algae and other interference organisms in Indiana water supplies. Am Water Works Assn J 48:1345-6 O '56

Iraq

Al-Khashab, Wafiq Hussain. Water budget of the Tigris and Euphrates basin. (Chicago, Univ. Dept. of geography. Research paper, no54) Univ. of Chicago press '58 p 103-5

Cressey, G. A. Shatt al-Arab basin. Middle East J 12:460 Autumn '58

Mississippi valley

Zadrozny, Mitchell G. Water utilization in the middle Mississippi valley. (Research paper no45) Dept. of geography, Univ. of Chicago '56 p 112-19

Nebraska

Keech, C. F. Ground-water resources of the Wood River unit of the lower Platte River basin. (Circ. 139) U.S. Geological survey '52 p48-9

New Hampshire

New Hampshire. State planning and development commission. New Hampshire water; governmental responsibilities and activities in relation to the water resources of New Hampshire; prepared for the New Hampshire State council on resources and development. The commission '53 p51-66

New Mexico

New Mexico. Arkansas, White and Red River coordination committee. Tentative plan for development of land & water resources, New Mexico portion, AWR river basins. The committee '53 7p at end

Poland

Poralla, Curt. Die nachkriegszeitliche wasserwirtschaft Polens; unter einbeziehung der wasserbauprojekte in den randgebieten. (Berlin. Freie univ. Osteuropa-inst. Wirtschaftswissenschaftliche veröfentlichungen, v 1) Duncker & Humblot '54 p 129-32

Texas

Texas. Board of water engineers. List of ground-water publications. The board '57 87p

United States

Arizona watershed program. Recovering rainfall; more water for irrigation. The program '56 2v incl bibliog

WATER supply—United States—*Continued*
Council of state governments. Reports on water resources; an annot. bibliog. of recent official reps. of state agencies. The council '55 20p

—Supplement, 1956 and 1957. The council '57 1p
Council of state governments. State administration of water resources. The council '57 p 147-53 annot.

Haber, David, and Bergen, Stephen W. eds. Law of water allocation in the eastern United States; papers and proceedings of a symposium held in Washington, D. C. Oct. 1956. Ronald '58 p637-43

Langbein, Walter Basil, and Hoyt, William G. Water facts for the nation's future; uses and benefits of hydrologic data programs. Ronald '59 p271-4

McKean, Roland Neely. Efficiency in government through systems analysis; with emphasis on water resources development. (Operations research soc. of Am. Pubs. in operations research, no3) Wiley '58 p311-18

Wyoming

Wyoming. Natural resource board. Selected bibliography on water resources. State of Wyoming. The board '56 15p

WATER supply engineering

Busch, Karl Franz. Wasserversorgung in stadt und landwirtschaft. Teubner '56 p322-57

WATERING of plants

Salter, P. J. and others. Effects of different water-regimes on the growth of plants under glass. J Hort Sci 29:268; 32:213. 225-6; 33:11-12 O '54, J1 '56, Ja '58

WATERMARKS

Labarre, E. J. Bücher über wasserzeichen; eine bibliographie. Philobiblon 1:237-51 S '57
Paper publications society. List of works on watermarks. The society '56 7p

Paper publications society. Nostitz papers; notes on watermarks found in the German imperial archives of the 17th & 18th centuries, and essays showing the evolution of a number of watermarks. (Monumenta chartæ papyraceæ historiam illustrantia, 5) The society '56 p xxxvii-xlii

Paper publications society. Short guide to books on watermarks. The society '55 16p

WATERS, Saline. See Saline waters

WATERWAYS

Press, Heinrich. Wasserstrassen und hafen; v 1. Binnenwasserstrassen und binnenhafen. Ernst '56 p483-94
See also

Canals

Inland navigation

Rivers

St Lawrence waterway and power project

WATERWORKS. See Water supply; Water supply engineering

WATTENBERG, Hermann, 1901-1944

Rakestraw, N. W. Hermann Wattenberg: a pioneer in a new field of exploration. J Chem Educ 33:222 My '56

WAUGH, Evelyn, 1903-

Doyle, P. A. Evelyn Waugh: a bibliog (1926-1956) Bul Bibliog 22:57-62 My '57

Stopp, Frederick John. Evelyn Waugh: portrait of an artist. Little '58 p235-40

WAVE filters, Electric. See Electric filters

WAVE guides

Cottony, H. V. and others. Antennas and waveguides, an annot. bibliography. Inst Radio Eng Trans AP-7:95-6 Ja '59

Shersby-Harvie, R. B. R. and others. Theoretical and experimental investigation of anisotropic-dielectric-loaded linear electron accelerators. Inst Elec Eng Proc 104 ptB: 287 My '57

WAVE mechanics

Heins, A. E. Scope and limitations of the method of Wiener and Hopf. Comm Pure & Ap Math 9:465-6 Ag '56

Keller, J. B. and others. Asymptotic solution of some diffraction problems. Comm Pure & Ap Math 9:263-4 My '56

WAVE motion, Theory of

Oberhettinger, F. On the diffraction and reflection of waves and pulses by wedges and corners. J Res Nat Bur Stand 61:363-4 N '58

WAVES

Francis, J. R. D. Wind action on a water surface. Inst Civil Eng Proc 12:214-16 F '59

Kramer, M. P. Annotated bibliography on storm surges. Meteorol Abst & Bibliog 6: 370-92 Mr '55

McDonal, F. J. and others. Attenuation of shear and compressional waves in Pierre shale. Geophysics 23:437-9 J1 '58

Neumann, G. and Pierson, W. J. Comparison of various theoretical wave spectra. Int Ship Prog 6:18-19 Ja '59

Rice, M. L. Recent literature on waves, current and swell. Meteorol Abst & Bibliog 9:472-503 Ap '58

Rundgren, Lennart. Water wave forces; a theoretical and laboratory study. (Stockholm. Tekniska högskolan. Handlingar, no 122) Lindstahl '58 p 116-21

Wiegel, R. L. and Kukk, J. Wave measurement along the California coast. Am Geophys Union Trans 38:674 O '57

See also

Elastic waves

Shock waves

WAXES

LeMaire, G. W. Waxes and wax-like materials. Colo Sch Mines Q 52:67-8 Ja '57

Warth, Albin H. Chemistry and technology of waxes. 2d ed Reinhold '56 incl bibliog

WAXMAN, Meyer, 1887-

Mishkin, L. C. Meyer Waxman: an appreciation and bibliography. (In Jewish book annual, 1955-1956. (V 13) Jewish bk. council of Am. '56 p39-42) annot

WAYNE county, Kentucky

Jillson, Willard Rouse. Bibliography of Wayne county, Kentucky; citations of ptd. and ms. sources touching upon its history, geology, cartography, coal, salt, oil, and gas, with annots. (1794-1958) Perry pub. co. '59 34p

WEALTH

Heilbroner, Robert Louis. Quest for wealth; a study of acquisitive man. Simon & Schuster '56 p261-7

Pinet, Frank. Probated estates in Kansas, 1940 and 1950; an analysis of their size and composition. Bur. of business research, Univ. of Kan. '56 p73-4

See also

Capital

Cost and standard of living

Income

Money

WEAPONS. See Arms and armor; Firearms

WEAPONS, Atomic. See Atomic weapons

WEATHER

American meteorological society. Industrial operations under extremes of weather by J. A. Russell [and others] ed. by J. A. Russell; with a foreword by Helmut E. Landsberg. (Meteorological monograph, v2, no9) The society '57 incl bibliog

American meteorological society. Meteorological abstracts and bibliography. The society. See numbers

Fisher, Robert Moore. How about the weather? with a foreword by Ernest J. Christie. rev ed Harper '58 p 161-3

Larsen, J. A. and Lahey, J. F. Influence of weather upon a ruffed grouse population. J Wildlife Mgt 22:69-70 Ja '58

Taylor, James Allan, and Yates, Robert Arthur. British weather maps. St Martins '58 p250-1

Thuronyi, G. Annotated bibliography on weather modification. Meteorol Abst & Bibliog 6:1433-1513 O '55

United States. Superintendent of documents. Weather, astronomy and meteorology. (Price list 43, 47th ed) U.S. Gov. ptg. office '59 19p

See also

Climatology

Humidity

Meteorology

Snow

Storms

Mental and physiological effects

Assmann, Dietmar. Die wetterföhligkeit des menschen; ursachen und pathogenese der biologischen wetterwirkung. Fischer '55 p 160-71

WEATHER and aviation. See Meteorology, Aeronautic

WEATHER control

American meteorological society. Cloud and weather modification: a group of field experiments; by S. Peterssen [and others] (Meteorological monographs, v2, no 11) The society '57 incl bibliog

United States. Advisory committee on weather control. Final report. The committee '58 2v incl bibliog

WEATHER forecasting

- Fisher, Robert Moore. How about the weather? with a foreword by Ernest J. Christie. rev ed Harper '58 p 161-3
- Gosdke, Carl Ludwig Schreiner, and others. Dynamic meteorology and weather forecasting. (Carnegie inst. of Washington. Pubs. 605) Am. meteorological soc. '57 incl bibliog Pennsylvania. State college. School of mineral industries. Final report on investigation of the optimum analytical techniques for weather analysis and forecasting; prepared by V. Moyer [and others] ed. by H. Neuberger The school '53 p 181-2
- Pettersen, Sverre. Weather analysis and forecasting. 2d ed McGraw '56 2v incl bibliog
- Rice, M. L. Recent literature on specialized forecasting techniques. Meteorol Abst & Bibliog 8:372-401 Mr '57
- Thuronyi, G. Annotated bibliography on numerical forecasting (supplement, 1954-1957) Meteorol Abst & Bibliog 8:304-40 Je '57
- Thuronyi, G. Annotated bibliography on tornado analysis and forecasting. Meteorol Abst & Bibliog 10:270-307 F '59
- Thuronyi, G. Recent literature on extended and long range forecasting. Meteorol Abst & Bibliog 9:875-901 J1 '58
- Thuronyi, G. Recent literature on hydrologic forecasting. Meteorol Abst & Bibliog 8: 657-82 My '57

WEATHERING

- Ritchie, T. and Plewes, W. G. Design of unit masonry for weather resistance. Roy Arch Inst Can 32:348 S '55

WEATHERING (rocks)

- Hay, R. L. Origin and weathering of late pleistocene ash deposits on St Vincent. B.W.I. J Geol 67:86-7 Ja '59
- Lovering, T. S. Significance of accumulator plants in rock weathering. Geol Soc Am Bul 70:799-800 Je '59

WEAVING

- Black, Mary Ellouise. Handweaver's reference. The author '54 94p
- Black, Mary Ellouise. New key to weaving; a textbk. of hand weaving for the beginning weaver. Bruce pub. '57 p560-5
- Blumenau, Lill. Art and craft of hand weaving, including fabric design. Crown '55 p 131-2
- Pritchard, Miriam Eleanor. Short dictionary of weaving; incl. some spinning, dyeing and textile terms and a beginner's guide to weaving and dyeing; concisely arr. for quick reference. Philosophical lib. '56 p 195-6
- Schuetz, M. Tablet weaving. Ciba R 117:29 N '56

See also

Damask weaving

WEBER, Alfred, 1868-1958

- Kepeszcuk, Josef. Alfred Weber; schriften und aufsätze, 1897-1955; bibliog. hrsg. vom Alfred-Weber-inst. für sozial- und staatswissenschaften an der Univ. Heidelberg; mit einer einleitung von Götz Roth. Piper '56 48p

WEBER, Karl Maria Friedrich Ernst, 1786-1826

- Dünnebeil, Hans. Schrifttum über Carl Maria von Weber mit schallplattenverzeichnis. 4th enl ed Bote & Bock '57 95p

WEBER, Max, 1864-1920

- Weber, Max. Soziologie, weltgeschichtliche analysen, politik [auswahlsammlung] mit einer einleitung von Eduard Baumgarten, hrsg. und erläutert von Johannes Winkelmann. (Kröners taschenausgabe, v229) Kröner '56 p490-504

WEBSTER, Daniel, 1782-1852

- Webster, Daniel. Daniel Webster reader; sel. and ed. by Bertha M. Rothe. (Docket ser, no5) Oceana '56 p251-2

WEBSTER, Noah, 1758-1843

- Skeel, Emily Ellsworth (Ford). Bibliography of the writings of Noah Webster; ed. by Edwin H. Carpenter. 1td ed New York pub. lib. '58 655p

WEEDICIDES. See Herbicides**WEEDS**

- Bibliography of weed investigations. See numbers of Weeds
- Isely, Duane. Weed identification and control in the north Central states. Iowa state college press '58 p 140-2 annot
- Muenscher, Walter Conrad Leopold. Weeds. 2d ed Macmillan '55 p519-31
- Mulligan, G. A. Chromosome numbers of Canadian weeds. Can J Bot 35:787-9 S '57

Control

- Bibliography of weed investigations. See numbers of Weeds
- Bylerud, A. Control of couch grass (agropyron repens P.B.) with trichloroacetic acid. Acta Ag Scand 8 no3:277-8 '58
- Crafts, A. S. Weed control; applied botany. Am J Bot 43:555-6 J1 '56
- Helgeson, Earl Adrian. Methods of weed control (FAO agricultural studies, no36) Food & agriculture organization of the United nations '57 p155-8
- Same; with title: Méthodes de désherbage. (Études agricoles de la FAO, no36) Food & agriculture organization of the United nations '57 p 174-7
- Same; with title: La lucha contra las malas hierbas. (FAO estudios agropecuarios, no36) Food & agriculture organization of the United nations '57 p 171-4
- Huffaker, C. B. Fundamentals of biological control of weeds. Hilgardia 27 no3:150-7 S '57
- Isely, Duane. Weed identification and control in the north Central states. Iowa state college press '58 p 140-2 annot
- Phillips, William Maurice, and Timmons, Francis Leonard. Bindweed, how to control it. (Bul. 366) Kan. agricultural experiment station '54 p39-40
- Reidel, K. Die standraumzumessung als technisierungsproblem der rübenpflege. Halle Univ Wiss Z Math Naturw Reihe 5:375-6 D '55
- Vanden Born, W. H. and Corns, W. G. Studies on seed dormancy, plant development, and chemical control of tartary buckwheat (faroppyrum tataricum (L.) Gaertn.) Can J Plant Sci 38:365-6, 373; 39:70 J1 '58, Ja '59

See also

Herbicides

WEBBERG, Hans, 1885-

- Schätzler, Walter, and Schlochau, Hans Jürgen, eds. Rechtsfragen der internationalen organisation; festschrift für Hans Webberg zu seinem 70. geburtstag. Klostermann '56 p404-8

WEIGHT (physiology)

- Hathaway, Millicent Louise. Heights and weights of children and youth in the United States. (Home economics research rep. no2) Inst. of home economics, Agriculture research service, U.S. Dept. of agriculture '57 p 106-31
- Hawthorne, B. E. and others. Metabolic patterns of a group of overweight, underweight and average weight women. J Nutrition 60:409-11 N '56
- Hillman, R. W. Relation of age and body weight to the frequency of local tissue changes suggestive of malnutrition. Am J Clin Nutrition 7:173-4 Mr '59
- Johnson, A. S. and Asmundson, V. S. Genetic and environmental factors affecting size of body and body parts of turkeys. Poultry Sci 36:966, 1056-7, 1061-2 S '57
- Liuzzo, J. A. and others. Determination of specific gravity by air displacement. J Animal Sci 17:520 Ag '58
- Young, C. M. and others. Weight reduction in obese young men. J Nutrition 61:454-6 Mr '57

See also

Corpulence

WEIGHING machines

See also

Scales (weighing instruments)

WEIGHTS and measures

- United States. Superintendent of documents. Scientific tests, standards. (Price list 64, 40th ed) U.S. Gov. ptg. office '59 25p

See also

Balance
Measuring instruments
Mensuration
Scales (weighing instruments)
Specific gravity

WEIL, Simone, 1909-1943

- Cabaud, Jacques. L'expérience vécue de Simone Weil, avec de nombreux inédits. Lib. Plon '57 p384-401

WEINGARTNER, Josef, 1885-

- Beiträge zur kunstgeschichte Tirols; festschrift zum 70. geburtstag Josef Weingartner's. (Schlern-schriften, 139) Wagner '55 p xlii-xv

WEINHEBER, Josef, 1892-1945

- Bergholz, Harry. Josef Weinheber, bibliographie. (Bibliotheca bibliog.; sammlung bibliog. handbücher, v 14) Krieg '53 105p

WELDING

- Abstracts of current literature. See numbers of British welding journal
- American welding society. A. W. S. bibliographies; approved by Technical council Nov. 5, 1957. The society '58 vp
- American welding society. Welding handbook; ed. by Arthur L. Phillips. 4th ed The society '57 incl bibliog
- Analyses d'articles techniques. See numbers of Mécanique documentation thru 1956?
- Barnett, Orville T. Filler metals for joining. (Reinhold reference bks) Reinhold '59 incl bibliog
- Cook, L. A. and Shafer, D. G. New forge welding of aluminum and magnesium alloys. Welding J 37:358 Ap '58
- Current welding literature. See numbers of Welding journal
- International institute of welding. Bibliographical bulletin for welding and allied processes. The institute. See numbers
- Istituto italiano della saldatura, Genoa. Bibliografia della saldatura, 1955. The institute '55 51p
- Neumann, J. Alex. and Bockhoff, Frank J. Welding of plastics. Reinhold '59 incl bibliog
- New literature. See numbers of Welding journal
- Sellon, William A. Arc welded projects for the school shop; a ser. of shop-tested projects constructed in school shops and presented as an aid to arc welding practice and a stimulus to welded project design. James F. Lincoln arc welding foundation '58 p43-6
- Sellon, William A. and Matthews, John. Arc welding; a brief text prepared for the beginning arc welding student with instructions and related information to introduce the art and science of arc welding. James F. Lincoln arc welding foundation '58 p43
- Vreedenburgh, C. G. J. New principles for the calculation of welded joints. Int Ship Prog 1 no 4:223 '54
- Wayman, C. M. and Stout, R. D. Study of factors affecting the strength and ductility of weld metal. Welding J 37:sup200 My '58
- Young, Gifford A. Welding and brazing; a bibliog. of unclassified rep. literature. (U.S. Atomic energy comm. TID-3059) Technical information service '55 46p
- See also
- Copper—Welding
- Electric welding
- Solder and soldering
- Steel—Welding

WELDING research

- Flanigan, A. E. and Saperstein, Z. P. Isothermal studies on the weld-metal micro-cracking of arc welds in mild steel. Welding J 35:sup556 N '56

WELFARE work in industry

- Wirz, Hans Gerold. Die personal-wohlfahrts-einrichtungen der schweizerischen privatwirtschaft; ihre stellung im steuerrecht und ihre beaufsichtigung; ausg. B. Buchdruckerei Stäfa '55 p xxxv-xlviii

See also

Industrial recreation

- WELLER, Karl, 1866-1943
- Weller, Karl, ed. Württembergische geschichte; 4. bis zur gegenwart erweiterte und neu bearb. auflage. Silberburg-verlag '58 p228-9

WELLESZ, Egon, 1885-

- Reti, R. Egon Wellesz, musician and scholar; bibliog. by Albi Rosenthal. Mus Q 42:6-13 Ja '56

WELSH drama

- Cardiganshire. Joint library. Dramâu Cymraeg: un act. The library '55 126p

- Cardiganshire. Joint library. Dramâu Cymraeg hir. The library '57 152p

WELSH language

- Bibliotheca celtica; a register of pubs. relating to Wales and the Celtic peoples & languages, 1953[1-1957] (ser3, v 1-5) Nat. lib. of Wales '54-'58 5v

WELSH literature

- Bibliotheca celtica; a register of pubs. relating to Wales and the Celtic peoples & languages, 1953[1-1957] (ser3, v 1-5) Nat. lib. of Wales '54-'58 5v

WELTY, Eudora, 1909-

- Smythe, K. H. Eudora Welty: a checklist. Bul Bibliog 21:207-8 Ja '56

WELWITSCHIA mirabilis

- Rodin, R. J. Leaf anatomy of welwitschia. Am J Bot 45:95, 103 F '58

WENDIC language

Dictionaries

- New York (city). Public library. Bibliography of Polish dictionaries; with a sup. of Lusatian and Polabian dictionaries; comp. by Richard C. Lewanski. The library '59 63p

WENDS

See also

Slavs

WENTER, Giorgio, 1890-

- Wenter, Giorgio, and Maroni, Riccardo. Giorgio Wenter. architetto e pittore. (Collana di artisti trentini, 10) Edizione di Collana artisti trentini '55 p38-48

WERLEOPARDS. See Leopard men

WERNER, Franz, 1810-1866

- Pritz, Josef. Franz Werner, ein leben für wahrheit in freiheit; ein beitrag zur geistes- und theologiegeschichte österreichs im 19. jahrhundert. Herder '57 p277-8

WERTHEIMER, Max, 1880-1943

- Wertheimer, Max. Productive thinking; ed. by Michael Wertheimer. enl ed Harper '59 p294-6

WESCOTT, Glenway, 1901-

- Kahn, S. M. Glenway Wescott: a bibliography. Bul Bibliog 22:156-60 S '58

WESLEY, Charles, 1703-1791

- Flint, Charles Wesley. Charles Wesley and his colleagues; with introd. notes by Gerald Kennedy [and others] Public affairs press '57 p213-17

WESLEY, John, 1703-1791

- Peters, John Leland. Christian perfection and American Methodism. Abingdon '56 p221-36

WEST, Nathanael, pseud. of Nathan von Walenstein-Weinstein, 1904-1940

- White, W. Nathanael West; a bibliography. Stud Bibliog 11:207-22 '58

WEST, Rebecca, 1892-

- Hutchinson, George Evelyn. Preliminary list of the writings of Rebecca West, 1912-1951. Yale univ. lib. '57 102p

WEST

- Holliday, William J. Western Americana, many of great rarity; the distinguished coll. formed by W. J. Holliday; public auction sale Apr. 20 [to] Apr. 22 1954. Parke-Bernet galleries '54 266p

- Howard, Robert West, ed. This is the West. Rand McNally '57 p241-4

- Perkin, R. L. Western Americana for '56. Lib J 82:1027-9 Ap 15 '57

- Utah. University. Library. Tillman D. Johnson collection. Tillman D. Johnson collection of the University; a sel. bibliog. comp. by Mary Jane Hair. The university '57 61p

Antiquities

- Wormington, Hannah Marie, and Lister, Robert H. Archaeological investigations on the Uncompahgre plateau in west central Colorado. Supplementary reports: Geology of the Taylor site by Charles B. Hunt; Petroglyphs of the Alva site by Al Look; Luster cave maize by Norton H. Nickerson and Ding Hou. (Proceedings, no2) Denver museum of natural history '56 p 127-9

Exploration

- McKelvey, Susan Delano. Botanical exploration of the trans-Mississippi West, 1790-1850. Arnold arboretum, Harvard univ. '55 incl bibliog

- Wallace, Edward Seccomb. Great reconnaissance; soldiers, artists and scientists on the frontier, 1848-1861. Little '55 p269-77 annot

History

- Billington, Ray Allen. Far Western frontier, 1830-1860. (New Am. nation ser) Harper '56 p293-311 annot

- Checklist of articles on Utah, the Mormons, and the West published in Western humanities review, volumes I-X. West Hum R 10:311-12 Summer '56

- Riegel, Robert Edgar. America moves west. 3d ed Holt '56 incl bibliog

- Stone, Irving. Men to match my mountains; the opening of the Far West, 1840-1900. (Mainstream of Am. ser) Doubleday '56 p436-42

- Van Every, Dale. Men of the western waters; a second look at the first Americans. Houghton '56 p231-6 annot

See also

Frontier and pioneer life—West

WEST—History—Continued

Sources

Lewis, Oscar. *Autobiography of the West*; personal narratives of the discovery and settlement of the Am. West. Holt '58 incl bibliog

Politics

Jonas, F. H. *Bibliography on western politics*. West Pol Q 11:sup7-167 D '58 annot

Social life and customs

Harris, William Foster. *Look of the Old West*. Viking '55 p302-5

WEST INDIAN cherries. See Barbados cherries

WEST INDIES

British bulletin of publications on Latin America, the West Indies, Portugal and Spain. Hispanic and Luso-Brazilian councils, Canning house lib. See numbers

History

Parry, John Horace, and Sherlock, Philip Manderson. *Short history of the West Indies*. St Martins '56 p297-304

Politics

Stichting voor internationale samenwerking der Nederlandse universiteiten en hogescholen. *Developments towards self-government in the Caribbean*; a symposium held under the auspices of the Netherlands univ. foundation for int. cooperation at the Hague, Sept. 1954. Van Hoeve '55 p271-85

WEST INDIES (federation)

Politics and government

Institute of Jamaica, Kingston. *West India reference library*. Select list of works on British West Indian federation. The library '57 12p

WEST INDIES, British

Burns, Sir Alan Cuthbert. *History of the British West Indies*. Allen '54 p769-80

See also

West Indies (federation)

WEST INDIES, Netherlands

Economic conditions

Nordlohne, Edgar. *De economisch-geografische structuur der Nederlandse Benedenwindse eilanden*. Enschedé '51 p 120-4

WEST PRUSSIA

Wermke, E. *Deutsche arbeiten über Ost- und Westpreussen seit 1945*. Königsberg Univ Jahrb 5:334-53 '54 annot

WEST VIRGINIA

Ambler, Charles Henry. *Waitman Thomas Wiley, orator, churchman, humanitarian*; together with a history of Wesley Methodist church, Morgantown, West Virginia. Standard pubs. '54 p263-71

History

Ambler, Charles Henry. *West Virginia, the Mountain state*; 2d ed. by [the auth. and] Festus Paul Summers. Prentice-Hall '58 p562-4 annot

Norona, Delf, ed. *West Virginia imprints, 1790-1863*; a checklist of bks, newspapers, periodicals and broadsides; comp. by [the ed] and Charles Shetler. (Pub. no 1) West Va. lib. assn. '58 316p annot

West Virginia history as featured by the press. See numbers of West Virginia history

WESTERN AUSTRALIA

Bolton, Geoffrey Curgenven. *Alexander Forrest; his life and times*. Melbourne univ. press; Univ. of Western Australia press '58 p 191-2

WESTPHALIA

Dortmund. Stadt- und landesbibliothek. *Westfälische bibliographie, 1954-1956* [-1956-1958] bearb. unter mitarbeit des Westfälisch-niederrheinischen inst. für zeitungsforschung. Ruhfus '56-'59 2v

Gruna, K. *Das Oldenburger Münsterland*; literaturbericht. Westfälische Forsch 8: 214-19 '55

Richterling, H. *Westfalen in zeitschriften des jahres 1955* [-1957] Westfälische Forsch 9:236-46; 10:224-35; 11:207-21 '56-'58

Ungedruckte dissertationen über Westfalen aus den jahren 1942-1947 [-1948-1953] Westfälische Forsch 9:199-208; 10:190-9; 11:152-67 '56-'58

Westfälische bibliographie zur geschichte, landeskunde und volkskunde; hrsg. von der Historischen kommission für Westfalen, in verbindung mit dem Verein für geschichte und altertumskunde Westfalens; bearb. von Alois Bömer und Hermann Degering; zum druck gebracht von Rudolf Schetter; v 1, A-K. (Provinzialinst. für westfälische landes- und volkskunde. Historische kommission. Veröffentlichungen, 24) Regensburg '55 663p

Church history

Schreiber, G. *Neuzeitliches Westfalen in kirchengeschichtlicher sicht*; Adolf Donders (1877-1944) und sein kreis. Westfälische Forsch 10:75-86 '57

History

Schröder, A. *Bibliographie von Hermann Rotherts schrifttum zur westfälischen geschichte*. Westfälische Forsch 8:181-3 '55

Social conditions

Naunin, Helmut, ed. *Landschaftliche selbstverwaltung; wiederaufbau in Westfalen, 1945-1951*. (Verwaltung und wirtschaft, no8) Ardey verlag '52 p299-302

WESTRUP, Jack Allan, 1904-
Luper, Albert Thomas. *Selected bibliography of the published writings of J. A. Westrup*. State univ. of Iowa '57 8p

WETZLAR, Germany

Schoenwerk, August. *Geschichtliche heimatkunde von stadt und kreis Wetzlar*. Pegasus verlag '54 p304-11

WEYL, Hermann, 1885-1955

Newman, M. H. A. *Hermann Weyl, 1885-1955*. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1957. The society '57 p324-8)

Weyl, Hermann. *Selecta Hermann Weyl*, hrsg. zu seinem siebzigsten geburtstag von der Eidgenössischen technischen hochschule in Zürich und vom Inst. for advanced study in Princeton. Birkhäuser '56 p582-92

WHALING

Sanderson, Ivan Terence. *Follow the whale*. Little '56 p397-405

WHATMOUGH, Joshua, 1897-

Pulgram, Ernst, ed. *Studies presented to Joshua Whatmough on his sixtieth birthday*. Mouton '57 p 1-16

WHEAT

Abstracts on baking materials and processing. See numbers of Bakers digest

Callaghan, Alan Robert, and Millington, A. J. *Wheat industry in Australia*. Angus & Robertson '56 p461-8

Krupka, R. M. and Towers, G. H. N. *Studies of the keto acids of wheat*. Can J Bot 36:176-7, 185-6 Ja '58

Kuspira, J. and Unrau, J. *Genetic analyses of certain characters in common wheat using whole chromosome substitution lines*. Can J Plant Sci 37:324-6 Ji '57

Nanda, K. K. and Chinoy, J. J. *Analysis of factors determining yield in crop plants; varietal differences in yield of grain and straw of wheat as influenced by photoperiodic treatments*. Plant Physiol 32:161-2 My '57

Nuttonson, Michael Y. *Wheat-climate relationships and the use of phenology in ascertaining the thermal and photo-thermal requirements of wheat; based on data of North America and of some thermally analogous areas of North America in the Soviet Union and in Finland*. Am. inst. of crop ecology '55 p383-8

Reitz, L.P. *Wheat breeding and our food supply*. Econ Bot 8:267-8 Ji '54

See also

Flour

Diseases and pests

Staples, R. C. *Changes in the organic acid composition of wheat leaves infected with the leaf rust fungus*. Boyce Thompson Inst Contrib 19:17-18 Ji '57

Sumere, C. F. van, and others. *Coumarins and phenolic acids in the uredospores of wheat stem rust*. Can J Microbiol 3:861-2 O '57

Lodging

Malkani, T. J. and Shrivastava, P. R. *Lodging in wheat*. Indian J Ag Sci 28:127-8 Mr '58

- WHEAT germ**
Rand, N. T. and Collins, V. K. Improving cereals with defatted wheat germ. Food Tech 12:588-9 N '58
- WHEAT trade**
Meinken, Kenneth William. Demand and price structure for wheat. (U.S. Dept. of agriculture. Technical bul. no 1136) U.S. Gov. ptg. office '55 p78-80
- WHICHER, George Frisbie, 1889-1954**
Whicher, George Frisbie. Poetry and civilization; essays; collected and ed. by Harriet Fox Whicher. Cornell univ. '56 p 141-2
- WHITE, Albert Easton, 1884-1956**
Michigan. University. Utilization of heat resistant alloys; a symposium presented at the University, March 11 and 12, 1954, in honor of Albert Easton White on his 70th birthday, for his pioneering and outstanding contributions to the research and development of alloys for high temperature service. Am. soc. for metals '54 p272-88
- WHITE, Gilbert, 1720-1793**
Ealing, England. Public libraries. Selbourne society library; a catalogue of mss, bks. and periodicals devoted to Gilbert White and natural history. The libraries '58 34p
- WHITE, Wallace Humphrey, 1877-1952**
United States. Library of Congress. Manuscript division. Wallace H. White; a register of his papers in the Library. The division '59 23p
- WHITE, William Hale, 1831-1913**
Stock, Irvin. William Hale White (Mark Rutherford) a critical study; foreword by Lionel Trilling. Columbia univ. press '56 p254-8
- WHITE ants.** See Termites
- WHITE collar workers.** See Office workers
- WHITE friars.** See Carmelites
- WHITE HOUSE**
Jensen, Amy (La Follette). White House and its thirty-two families. McGraw '58 p278-80
- WHITE mountains**
McCorison, M. A. New Hampshireiana. New Vermontiana. North Country Lib 1:10-12 D '58
- WHITE river massacre, 1879**
Sprague, Marshall. Massacre, the tragedy at White river. Little '57 p342-7
- WHITE RUSSIA**
Chicago. University. Bibliography of Belorussia; prepared by the University for Human relations area files. (Behavior science bibliogs) The university '56 12p
Chicago. University. Division of the social sciences. Aspects of contemporary Belorussia; ed. Philip L. Wagner; contributors: Zarko Bilbija [and others] (Subcontractor's monograph. HRAR 19) Human relations area files '55 p379-89
Vakar, Nicholas P. Bibliographical guide to Belorussia. (Harvard univ. Russian research center. Studies, 22) Harvard univ. press '56 63p
- WHITE RUSSIAN drama**
Seduro, Vladimir. Byelorussian theater and drama; ed. by Edgar H. Lehrman; foreword by Ernest J. Simmons. (Studies on the U.S.S.R. no 10) Research program on the U.S.S.R. '55 p428-80
- WHITE RUSSIAN literature**
History and criticism
Adamovich, Anthony. Opposition to sovietization in Belorussian literature (1917-1957) with a foreword by Alexander Dallin. Scarecrow '58 p 177-84
- WHITEFIELD, George, 1714-1770**
Henry, Stuart Clark. George Whitefield: way-faring witness. Abingdon '57 p211-18
- WHITMAN, Walt, 1819-1892**
Alegria, Fernando. Walt Whitman en Hispanoamérica. (Colección Studium, 5) The author '54 p409-19
Allen, Gay Wilson, ed. Walt Whitman abroad; critical essays from Germany, France, Scandinavia, Russia, Italy, Spain and Latin America, Israel, Japan, and India. Syracuse univ. press '55 p266-81
Bolton, England (Lancashire). Public libraries. Catalogue of works by and relating to Walt Whitman in the Reference library, including books, manuscripts, letters, portraits, association items. enl ed The libraries '55 55p
- Clark, Leadie Mae. Walt Whitman's concept of the American common man. Philosophical lib. '55 p 172-6
- Detroit. Public library. Walt Whitman; a sel. of the mss, bks, and assn. items gathered by Charles E. Feinberg. The library '55 128p
- Institutul român pentru relațiile culturale cu străinătatea. Expoziția Walt Whitman, București, noiembrie 1956. The institute '56 55p
- New York (city). Public library. Walt Whitman's correspondence; a checklist by Edwin H. Miller and Rosalind S. Miller. The library '57 161p
- Stark, Lewis M. and Gordan, John D. Walt Whitman's Leaves of grass; a centenary exhibition from the Lion Whitman coll. and the Berg coll. of the N.Y. Public library. N.Y. public lib. '55 46p
- United States. Library of Congress. Ten notebooks and a cardboard butterfly missing from the Walt Whitman papers; Walt Whitman mss. in the Lib. of Congress. The library '54 38p
- White, W. Walt Whitman's short stories: some comments on a bibliography. Bibliog Soc Am Pa 52 no4:300-6 '58 annot
- Whitman, Walt. Best of Whitman; ed. with an introd. and notes by Harold William Blodgett. Ronald '53 p467-71
- Whitman, Walt. Poems; sels. with critical aids; ed. by Gay Wilson Allen and Charles T. Davis. N.Y. univ. press '55 p273-6
- Whitman, Walt. Walt Whitman, poet of American democracy; sels. from his poetry and prose; ed. with an introd. by Samuel Sillen. 2d ed Int. pubs. '55 p 173-6 annot
- WHITNEY, Eli, 1765-1825**
Green, Constance Winsor (McLaughlin). Eli Whitney and the birth of American technology. (Lib. of Am. biography) Little '56 p 198-204
- WHITTAKER, Sir Edmund Taylor, 1873-1956**
McCrea, W. H. Edmund Taylor Whittaker. Lond Math Soc J 32:253-6 Ap '57
Temple, G. Edmund Taylor Whittaker, 1873-1956. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1956. The society '56 p321-5)
- WHOLESALE trade**
Beckman, Theodore N. and Engle, Nathanael Howard. Wholesaling; 3d ed [by the auths. and] Robert D. Buzzell. Ronald '59 p677-85
See also
Retail trade
- WHOOPIING cranes.** See Cranes, Whooping
- WHORF, Benjamin Lee, 1897-1941**
Whorf, Benjamin Lee. Language, thought, and reality; sel. writings; ed. and with an introd. by John B. Carroll; foreword by Stuart Chase. (Technology press bks. in the social sciences) Wiley '56 p271-8
- WHYTLOW-GRAY, Robert Whytlaw, 1877-1958**
Cox, E. G. and Hume, J. Robert Whytlaw-Gray. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p336-9)
- WICHITA Indians**
Schmitt, Karl, and Schmitt, Iva Osanai. Wichita kinship, past and present. Univ. bk. exchange '53? p71-2
- WIEDIJK, Pieter (J. Saks, pseud) 1867-1938**
Jong, Frits de, ed. J. Saks, literator en Marxist: een politieke biografie. Arbeiders pers '54 p285-92
- WIELAND, Heinrich, 1877-1957**
Karrer, P. Heinrich Wieland. (In Royal society of London. Biographical memoirs of fellows of the Royal society, 1958. The society '58 p330-2)
- WIENERWALD**
Arnberger, Erik, and others, eds. Ein buch vom Wienerwald, vom wesen und der gestaltung seiner landschaft. Verlag für jugend & volk '52 p213-22
- WIERINGERMEER, Netherlands**
Netherlands. Directie van der Wieringermeerpolder. Wording en opbouw van de Wieringermeer; geschiedenis van de ontginning en kolonisatie van der eerste IJsselmeerpolder. Veenmann '55 incl bibliog
- WIESER, Edwin, 1896-**
Wieser, Edwin. Jacob Burckhardt, der grosse schweizer gelehrte als prophet. Aehren verlag '55 p 101-9

- WIGGIN, Kate Douglas (Smith) 1856-1923**
Benner, Helen Frances. Kate Douglas Wiggin's country of childhood. (Me. Univ. Studies, 2d ser, no71) Me. univ. press '56 p 137-40
- WIKENHAUSER, Alfred, 1883-**
Synoptische studien; Alfred Wikenhauser zum siebzigsten geburtstag am 22. februar 1953 dargebracht von freunden, kollegen und schülern. Zink '53 p290-3
- WILD flowers**
Raven, John, and Walters, Max. Mountain flowers. (The New naturalist; a survey of British natural history) Macmillan '56 p220-5
- WILDCATS.** See Lynx
- WILDE, Oscar, 1854-1900**
California. University. University at Los Angeles. William Andrews Clark memorial library. Oscar Wilde and his literary circle; a catalog of mss. and letters; comp. by John Charles Finzi. Univ. of Calif. press '57 xxxiv[242]p
Laver, James. Oscar Wilde. (Bibliog. ser. of sups. to British bk. news, no53) Longmans '54 p31-6
Winwar, Frances. Oscar Wilde and the yellow nineties. new ed Harper '58 8p (at end)
- WILDENSTEIN, Georges, 1892-**
Wildenstein, Georges. Fragonard, aquafortiste. (Etudes et docs. pour servir à l'histoire de l'art français du dix-huitième siècle. Beaux-arts '56 p53-4
- WILDER, Thornton Niven, 1897-**
Edelstein, Jerome Melvin. Bibliographical checklist of the writings of Thornton Wilder. Yale univ. lib. '59 62p annot
- WILDLIFE, Conservation of**
Butcher, Devereux. Seeing America's wildlife in our national refuges; prepared under the auspices of Defenders of furbearers. Devin-Adair '55 p325-7
North American wildlife conference. Transactions of the 21st[24th] conference, 1956[1959] Am. wildlife inst. '56-'59 4v incl bibliog
United States. Fish and wildlife service. Wildlife abstracts, 1935-51; an annot. bibliog. of the pubs. abstracted in the Wildlife review, nos 1-66; comp. by Neil Hotchkiss. U.S. Gov. ptg. office '54 435p
United States. Superintendent of documents. Fish and wildlife. (Price list 21, 45th ed) U.S. Gov. ptg. office '59 9p
Washington (state). State college. Pullman. Institute of agricultural sciences. Good land management supports wildlife. (Stations circ. 295) Wash. agricultural experiment stations '57 p47-8
See also
Game protection
- WILDLIFE management**
Leedy, D. L. Some contributions of the cooperative wildlife research units to forest wildlife management. J For 53:635 S '55
Neils, G. and others. Management of white-tailed deer and ponderosa pine. J For 54:242 Ap '56
- WILL, George Francis, 1884-1955**
Wedel, W. R. George Francis Will—1884-1955. Am Antiq 22:75-6 Jl '56
- WILLIAMS, Charles, 1886-1945**
Girgich, John P. Immortality for its own sake; a study of the concept of poetry in the writings of Charles Williams. Catholic univ. of Am. press '54 p 111-23
Williams, Charles. Image of the city and other essays; sel. by Anne Ridler, with a critical introduction. Oxford '58 p 196-9
- WILLIAMS, Espy, 1852-1908**
Nolan, P. T. Espy Williams: New Orleans playwright. La. Lib Assn Bul 21:138-9 Winter '58 annot
- WILLIAMS, James H. 1864-1927**
Williams, James H. Blow the men down: a Yankee seaman's adventures under sail; an autobiographical narrative based upon [his] writings; as arr. and ed. by Warren F. Kuehl. Dutton '59 p247-8
- WILLIAMS, James Steele, 1896-1957**
Woodring, W. P. Memorial to James Steele Williams. Geol Soc Am Proc 1957:173-4 '58
- WILLIAMS, Joshua, 1813-1881**
Moys, E. M. Mr. Joshua Williams, O.C.: his life and writings. Law Lib J 51:122-4 My '58
- WILLIAMS, Roger, 1604?-1683**
Winslow, Ota Elizabeth. Master Roger Williams, a biography. Macmillan '57 p313-16 annot
- WILLIAMS college, Williamstown, Massachusetts**
Rudolph, Frederick. Mark Hopkins and the log; Williams college, 1836-1872. (Yale historical pubs. Misc. 63) Yale univ. press; Oxford '56 p239-56 annot
- WILLIS, John Christopher, 1868-1958**
Turrill, W. B. John Christopher Willis. (In Royal society of London. Biographical memoirs of fellows of the Royal society. 1958. The society '58 p357-9)
- WILLMANN, Otto, 1839-1920**
Willmann, Otto. Didaktik als bildungslehre, nach ihren beziehungen zur sozialforschung und zur geschichte der bildung; mit einer einföhrung von F. X. Eggersdorfer in Otto Willmanns leben und werk, 1839-1920. (Schriften des Willmann-inst, Freiburg i.Br) Herder '57 p xxxiv
- WILLS**
Los Angeles county law library, Los Angeles. Current books and articles on wills, estate planning, inheritance tax, probate. The library '56 10p
See also
Probate law and practice
- WILMOT, Frank Leslie Thomson, 1881-1942**
Anderson, Hugh. Frank Wilmot (Furnley Maurice) a bibliog. and a criticism; assisted by B. M. Ramsden. Melbourne univ. press '55 p3-34
- WILSON, Arthur Herman, 1905-**
Wilson, A. H. Bibliography of published writings (1927-1955) Susquehanna Univ Stud 5:174-8 My '55
- WILSON, Richard, 1713-1782**
Wilson, Richard. Richard Wilson [by] W. G. Constable. (English master painters) Routledge '53 p 1-5
- WILSON, Woodrow, 1856-1924**
Kusielewicz, E. Wilson and Poland. Polish R 1:119-21 Autumn '56
Link, Arthur Stanley. Wilson; v2, The new freedom. Princeton univ. press '56 p473-88
Link, Arthur Stanley. Woodrow Wilson and the progressive era, 1910-1917. (New Am. nation ser) Harper '54 p283-313
Loth, David Goldsmith. Story of Woodrow Wilson. centennial ed Woodrow Wilson foundation '55 p47
Martin, Laurence W. Peace without victory; Woodrow Wilson and the British liberals. (Yale historical pubs. Misc. 70) Yale univ. press '58 p213-19
Walworth, Arthur. Woodrow Wilson. Longmans '58 2v v2, p423-5 annot
Wilson, Woodrow. Wilson reader; sel. and ed. by Frances Farmer. (Docket ser, v4) Oceana '56 p277-80
- WILT diseases**
Beckman, C. H. Growth inhibition as a mechanism in Dutch elm disease therapy. Phytopathology 48:176 Mr '58
Caroselli, Nestor Edgar. Verticillium wilt of maples. (Bul. 335) Agricultural experiment station. Univ. of R.I. '57 p79-84
Dorsey, C. K. and Leach, J. G. Bionomics of certain insects associated with oak wilt with particular reference to the nitidulidae. J Econ Entom 49:229-30 Ap '56
Gäumann, E. Fusaric acid as a wilt toxin. Phytopathology 47:355-7 Je '57
Husain, A. and Kelman, A. Relation of slime production to mechanism of wilting and pathogenicity of pseudomonas solanacearum. Phytopathology 48:164-5 Mr '58
Husain, A. and Kelman, A. Role of pectic and cellulolytic enzymes in pathogenesis by pseudomonas solanacearum. Phytopathology 48:385-6 Jl '58
Isaac, I. Some soil factors affecting verticillium wilt of antirrhinum. Ann Ap Biol 44:111-12 Mr '56
Jewell, F. F. Insect transmission of oak wilt. Phytopathology 46:256-7 My '56
Murant, A. F. and Wood, R. K. S. Factors affecting the pathogenicity of bacteria to potato tubers. Ann Ap Biol 45:649, 662-3 D '57
Stewart, R. N. and Schindler, A. F. Effect of some ectoparasitic and endoparasitic nematodes on the expression of bacterial wilt in carnations. Phytopathology 46:222 Ap '56
Wilhelm, S. Verticillium wilt of the strawberry with special reference to resistance. Phytopathology 45:391 Jl '55
See also
Fusarium

WILTSHIRE, England

Wiltshire books, pamphlets and articles. See numbers of Wiltshire archaeological and natural history magazine thru 1955

WINCHELL, Alexander Newton, 1874-1958

Emmons, R. C. Memorial of Alexander Newton Winchell. Am Min 44:382-5 Mr '59
Kerr, P. P. Presentation of the Roebling medal of the Mineralogical society of America to Alexander Newton Winchell. Am Min 41:322-5 Mr '56

WINKELMANN, Johann Joachim, 1717-1768

Koch, Hanna. Johann Winckelmann; sprache und kunstwerk. (Winckelmann-gesellschaft Stendal. Jahresgabe, 1956/57) Akademie-verlag '57 p 153-4

Ruppert, Hans. Ergänzungen zur Winckelmann-bibliographie für die jahre 1942-1955. (Winckelmann-gesellschaft Stendal. Jahresgabe, 1954/55) Akademie-verlag '56 p7-17

WIND erosion

Chepil, William S. Soil conditions that influence wind erosion. (Kan. Agricultural experiment station. Contribution no592; U.S. Dept. of agriculture. Technical bul. no 1185) U.S. Gov. ptr. office '58 p38-40

WIND instruments

Baines, Anthony. Woodwind instruments and their history; with a foreword by Adrian Boulton. Norton '57 p357-66

Riley, M. W. Tentative bibliography of early wind instrument tutors. J Res Music Educ 6:3-24 Spring '58 annot

WIND mills. See Windmills**WIND power**

Golding, E. W. Generation of electricity by wind power. Philosophical lib. '56 incl bibliog

United nations. Department of economic and social affairs. New sources of energy and economic development: solar energy, wind energy, tidal energy, geothermic energy and thermal energy of the seas. The organization '57 p 119-50

United Nations educational, scientific and cultural organization. Wind and solar energy; proceedings of the New Delhi symposium. Energie solaire et éolienne; actes du colloque de New Delhi. Energía solar y eólica; actas del coloquio celebrado en Nueva Delhi. (Arid zone research 7) UNESCO '56 incl bibliog

WIND pressure

Biggs, J. M. and others. Wind forces on structures; introd. and history. Am Soc Civil Eng Proc 84 [ST 4 no1707-1712] J1 '58 incl bibliog

Cohen, E. and Perrin, H. Design of multi-level guyed towers: wind loading. Am Soc Civil Eng Proc 83 [ST 5 no1355]:25-9 '57

WIND tunnels

Wittliff, C. E. and others. Tailored-interface hypersonic shock tunnel. J Aero/Space Sci 26:227-8 Ap '59

WINDBREAKS

Jensen, Martin. Shelter effect; investigations into the aerodynamics of shelter and its effects on climate and crops [tr. into English by P. Prom] Danish technical press '54 p248-54

Linde, Roelof Johan van der. Problem of the woodplantings between cultivated fields; the microclimate of oak-coppice sheltered areas. Van der Wiel '51 p 157-9

WINDISCH, Hans Ludwig, 1881-1935

Fiedler, M. J. In memoriam Hans Windisch. Theol Literaturz 81:500-10 J1 '56

WINDMILLS

Wailles, Rex. English windmill. Routledge '54 p221-3

WINDS

Aubert de La Rüe, Edgar. Man and the winds; tr. by Madge E. Thompson. Philosophical lib. '55 p 197-200

Bannon, J. K. and Jones, R. A. Average wind at 60 MB. Meteorol Mag 85:199-200 J1 '56

Jenkins, C. F. Survey of available information on winds above 30,000 feet. (Air force surveys in geophysics, no24) Geophysics research directorate, Cambridge research center, U.S. Air force '52 p30-5

Kramer, M. P. Annotated bibliography on storm surges. Meteorol Abst & Bibliog 6:370-92 Mr '55

Ramaswamy, C. On the sub-tropical jet stream and its role in the development of large-scale convection. Tellus 8:59-60 F '56

Widger, William K. Survey of available information on the wind fields between the surface and the lower stratosphere. (Air force surveys in geophysics, no25) Geophysics research directorate, Cambridge research center, U.S. Air force '52 incl bibliog

See also

Cyclones
Hurricanes
Storms
Tornadoes
Typhoons
Wind pressure

WINE and wine making

Castor, J. G. E. and Archer, T. E. Nutrient requirements for growth of the sherry flour yeast, *saccharomyces beticus*. Ap Microbiol 5:59-60 Ja '57

Enology abstracts. See numbers of American journal of enology

Galland, Jean Denis. Le compagnon de cave; précis d'oenologie pratique. (La Vie des métiers) (Fédération ouvrière vaudoise '56 p 100-9

Got, Norbert. La dégustation des vins; classification et présentation des vins, l'art de déguster, de choisir et de présenter les vins. The author '55 p232-6

Hahn, Helmut. Die deutschen weinbaugebiete, ihre historisch-geographische entwicklung und wirtschafts- und sozialgeographische struktur. (Bonner geographische abh, no 18) Geographisches inst. Univ. Bonn '56 p 154-9

Joslyn, M. A. and others. Mechanism of copper casse formation in white table wine. Food Res 21:394-6, 475-6; 23:523-4 My-Ag '56, S '58

Melville, John. Guide to California wines; introd. by Joseph Henry Jackson. Doubleday '55 p261-2

Nelson, K. E. and Amerine, M. A. Use of botrytis cinerea Pers. in the production of sweet table wines. Hilgardia 26 no 12:562-3 My '57

Prince, Guy. Current books about wine. Nat. bk. league '55 13p

Wagner, Philip Marshall. American wines and wine-making. Knopf '56 p261-4

Waugh, Alec. In praise of wine and certain noble spirits. Sloane '59 p293-4

Wein-bibliographie; deutschsprachiges schrifttum 1952(1-1956) in auswahl und nachträge 1951/55 (Beihefte) Deutscher weinbau '53- '57 5v

See also

Grapes

WINGS, Airplane. See Airplane wings**WINKLER, Clemens Alexander, 1838-1904**

Clemens Winkler; gedenkschrift zur 50. wiederkehr seines todestages [von] Hanns C. A. Winkler [et al] (Freiberger forschungshefte. Reihe D. Kultur und technik, 8) Akademie-verlag '54 p63-8

WINTER, Eduard, 1896-

Feyl, O. Veröffentlichungen von Eduard Winter, 1926-1956. (In Deutsch-slawische wechselseitigkeiten in sieben jahrhunderten; gesammelte aufsätze. (Akad. der wissenschaften, Berlin. Inst. für slawistik. Veröffentlichungen, 9) Akademie-verlag '56 p 1-16)

WINTERS, Yvor, 1900-

Lohf, Kenneth A. and Sheehy, Eugene Paul. Yvor Winters, a bibliography. Swallow '59 35p

WIRE

Iron and steel institute. Library and information department. Bibliography on wire: manufacture, treatment and properties (incl. references to the cold drawing of bars) continuation of Bibliog. ser, no 13 and no 13a. (Bibliog. ser, no 13b) The institute '58 81p

See also

Electric wire

WIRE rope transportation

Wyss, Theophil. Die stahldrahtseile der transport- und förderanlagen, insbesondere der standseil- und schwebbahnen; ihre beanspruchung und berechnung. Schweizer druck- & verlagshaus '57 p437-40

WIRE tapping

Dash, Samuel, and others. Eavesdroppers. Rutgers univ. press '59 p379-81

Tompkins, Dorothy Louise (Campbell) Culver. Wire tapping; a sel. bibliography. Bur. of public adm, Univ. of Calif. '55 30p annot
Wire tapping and eavesdropping. Assn Bar City New York Rec 13:172-5 Mr '58

WIRELESS. See Radio

WIRTH, Louis, 1897-1952

Wirth, Louis. Community life and social policy; sel. papers; ed. by Elizabeth Wirth Marvick and Albert J. Reiss; foreword by Herbert Blumer; introd. by Philip M. Heuser. Univ. of Chicago press '56 p409-16

WIRZ, Paul, 1892-1955

Bühler, A. Paul Wirz 1892-1955. *Natur Ges* Basel Verh 66:190-4 D '55

WISCONSIN**History**

Hunt, Robert S. Law and locomotives; the impact of the railroad on Wisconsin law in the nineteenth century. *State historical soc. of Wis.* '58 p238-52 annot

Reynolds, A. R. Daniel Shaw lumber company; a case study of the Wis. lumbering frontier. (N.Y. univ. Graduate school of business adm. Business history ser) N.Y. univ. press '57 p 165-70

Sources

Wisconsin. State historical society. Guide to the manuscripts of the Society; sup. no 1, by Josephine L. Harper and Sharon C. Smith. The society '57 222p annot

WISTER, Owen, 1860-1938

Wister, Owen. Owen Wister out West: his journals and letters; ed. by Fanny Kemble Wister. Univ. of Chicago press '58 p262-4

WIT. See Humor**WITCHCRAFT**

Lindskog, Birger. African leopard men. (*Studia ethnographica upsallensia*, 7) W. S. Heinman '54 p207-15

Murray, Margaret Alice. God of the witches. Oxford '52 p 198-207

Robbins, Russell Hope. Encyclopedia of witchcraft and demonology. Crown '59 p558-71

Summers, Montague. History of witchcraft and demonology. 2d ed Univ. bks. '56 p315-46

See also

Voodooism

WITTENWEILER, Heinrich, 15th cent

Wittenweiler, Heinrich. Wittenwiler's Ring, and the anonymous Scots poem Colkelbie sow; two comic-didactic works from the fifteenth century; tr. by George Fenwick Jones. (N.C. Univ. Studies in the Germanic languages and literatures, 18) Univ. of N.C. press '56 p 196-9

WOEL, Cai Mogens, 1895-

Mortensen, Niels Theodor Rosenkrands, ed. En bogens tjener, Cai M. Woel [på 60-årsdagen den 28. oktober 1955] [bibliog. by S. Lund] Arnkrona '55 p 159-67

WOLFRAM von Eschenbach, 12th cent

Wapnewski, Peter. Wolframs Parzival studien zur religiosität und form. (Germanische bibliothek, 3. reihe: Untersuchungen und einzeidarstellungen) Winter '55 p 11-14

WOLFRAMIUM. See Tungsten**WOLFSKEHL, Karl, 1869-1948**

Euler, Walter, and Ropertz, Hans-Rolf, eds. Karl Wolfskehl [in memoriam] (Agora 4) Lambert Schneider '55 p93-113

WOLVES**See also**

Coyotes

WOMAN

Kelso, Ruth. Doctrine for the lady of the renaissance. Univ. of Ill. press '56 p304-462

North Carolina. University. Woman's college. Library. Woman's collection; a bibliog. of materials in all matters pertaining to women's interests added to the Library, 1944-1949. The library '50 110p

—1955[1956] supplement. The library '56-'57 2v

See also

Girls

Diseases

Schaefer, George. Tuberculosis in obstetrics and gynecology. Little '56 incl bibliog

See also

Obstetrics

Woman—Health and hygiene

Dress

See Clothing and dress

Education

See Education of women

Employment

Cussler, Margaret. Woman executive. Harcourt '58 p 161-5

Die junge arbeiterin; beiträge zur sozialkunde und jugendarbeit [von] Gerhard Wurzbacher [et al] Juventa-verlag '58 p451-4

Moore, Louise. Girl's and women's occupations; sel. references, July 1948-Sept. 1954. (U.S. Office of education. Vocational div. bul. no257; Trade and industrial ser, no63) U.S. Govt. ptg. office '55 99p annot

Myrdal, Alva (Reimer) and Klein, Viola. Women's two roles, home and work. (Int. lib. of sociology and reconstruction) Routledge '56 p 198-203

National manpower council. Womanpower; a statement, with chapters by the Council staff. Columbia univ. press '57 p351-63

Smith, Virginia Field. Women at work. Colo. state federation, Nat. federation of business & professional women's clubs '55 p67-73

Stricker, Kurt. Die berufstätigen verheirateten frauen in der Schweiz; eine statistische untersuchung auf grund der volkszählung von 1941. Brunner & Bodmer '52 p9-16

United States. Women's bureau. Bibliography on employment problems of older women; hiring restrictions, psychological barriers, work performance by Jean A. Wells. U.S. Govt. ptg. office '54 89p

United States. Women's bureau. Employment of older women, an annotated bibliography; hiring practices, attitudes, work performance [by Jean A. Wells] The bureau '57 83p

United States. Women's bureau. Suitability for women of nontraditional industrial occupations, with special reference to lathe operators' jobs in machine-shop production. The bureau '54 incl bibliog

See also

Dental hygienists

Health and hygiene

Imerman, Harold Maurice, and Dewey, Thomas Blanchard. What women want to know; a noted gynecologist's guide to the personal problem of women's health. Crown '58 p249-51

See also

Clothing and dress
Cosmetics

Legal status, laws, etc.**See also**

Woman—Rights of women

Occupations

See Woman—Employment

Rights of women

Suhl, Yuri. Ernestine L. Rose and the battle for human rights. Reynal & co. '59 p293-301

Social and economic status

Kiell, N. and Friedman, B. Culture lag and housewifemanship: the role of the married female college graduate. *J Educ Sociol* 31: 93-5 O '57

McGregor, O. R. Social position of women in England, 1850-1914; a bibliography. *Brit J Sociol* 6:48-60 Mr '55 annot

Noble, J. L. and David, O. D. Current research on women's roles. *Nat Assn Deans Women J* 22:93-6 Ja '59

Social and moral questions

Myrdal, Alva (Reimer) and Klein, Viola. Women's two roles, home and work. (Int. lib. of sociology and reconstruction) Routledge '56 p 198-203

See also

Divorce

Great Britain

McGregor, O. R. Social position of women in England, 1850-1914; a bibliography. *Brit J Sociol* 6:48-60 Mr '55 annot

United States

Papashvily, Helen Waite. All the happy endings; a study of the domestic novel in America, the women who wrote it, women who read it, in the nineteenth century. Harper '56 p214-23

WOMB. See Uterus

WOMEN in Confederate states of America
Jones, Katharine M. ed. Heroines of Dixie;
Confederate women tell their story of the
war. Bobbs '55 p413-19

WOMEN in industry. See Woman—Employment

WOMEN in the Bible
Deen, Edith. All of the women of the Bible.
Harper '55 p381-5

WOMEN in the United States

Biography

Dannett, Sylvia G. L. ed. Noble women of
the North. Yoseloff '59 p399-411

WOOD, Horatio C. 1841-1920

Roth, G. B. Horatio C. Wood. (In National
academy of sciences. Biographical memoirs.
(V33) Columbia univ. press '59 p475-84)

WOOD, Robert Williams, 1868-1955

Dieke, G. H. Robert Williams Wood, 1868-
1955. (In Royal society of London. Bio-
graphical memoirs of fellows of the Royal
society, 1956. The society '56 p338-45)

WOOD

Baechler, R. H. Wood. Ind & Eng Chem 48:
1801 S '56

Bibliographie des ausländischen forst- und
holzwirtschaftlichen schrifttums. Dokumen-
tationsstelle Reinbek b. Hamburg. Inst. für
forstpolitik & weltforstwirtschaft. See num-
bers

Bibliographie des forst- und holzwirtschaft-
lichen schrifttums. Bundesforschungsanstalt
für forst- & holzwirtschaft. See numbers
Canada. Forestry branch. Canadian woods,
their properties and uses. 2d ed Forest
products laboratories div. '51 incl bibliog
Durst, Jaroslav. Taschenbuch der fehler und
schäden des holzes. Fachbuchverlag '55
p 139-44

Stamm, Alfred Joaquim, and Harris, Elwin
Elmer. Chemical processing of wood.
Chemical pub. co. '53 incl bibliog

Stamm, A. J. and Baechler, R. H. Wood. Ind
& Eng Chem 50:1498 S '58

Thunnell, Bertil. Trä; dess byggnad och fe-
laktigheter. 2d rev ed Byggstandardise-
ringen '52 p87-8

Timber development association. London. Li-
brary. Catalogue [a classified list of bks.
for reference at the headquarters lib] 4th
ed The association '53 69p

United States. Forest products laboratory,
Madison, Wisconsin. Wood handbook; basic
information on wood as a material of con-
struction with data for its use in design
and specification. (U.S. Dept. of agricul-
ture. Agriculture handbk. no72) U.S. Gov.
ptg. office '55 incl bibliog

United States. Superintendent of documents.
Forestry. Price list 43, 49th ed) U.S. Gov.
ptg. office '59 8p

Vietinghoff-Riesch, H. baron von, and
others. Wood. Ciba R no 109:3955 Ap '55
See also

Bark
Cellulose
Forests and forestry
Lumber
Plywood
Xylem

Anatomy

Bailey, I. W. Potentialities and limitations
of wood anatomy in the study of the
phylogeny and classification of angiosperms.
Arnold Arbor J 38:253-4 Jl '57

Bannan, M. W. Vascular cambium and radial
growth in thuja occidentalis L. Can J Bot
33:134-8 Ja '55

Boutelje, Julius B. Wood anatomy of libo-
cedrus Endl, s. lat. and fitzroya J. D. Hook.
(Svenska vetenskapsakademien, Stockholm.
Trädgård Bergielund. Acta horti bergiani,
v 17, no6) Almqvist '55 p211-13

Brown, Curtis L. and others. Constitution
and pulping of aspen and poplar woods.
(Bibliog. ser no84) Inst. of paper chemistry
'57 120p annot

Canright, J. E. Comparative morphology and
relationships of the magnoliaceae. Arnold
Arbor J 36:136-9 Ap '55

Echols, Robert M. Variation in tracheid
length and wood density in geographic
races of Scotch pine. (Bul. no64) School of
forestry. Yale univ. '58 p47-52

Sen, J. Fine structure in degraded, ancient
and buried wood, and other fossilized plant
derivatives. Bot R 22:371-4 Je '56

Spurr, S. H. and Hyvärinen, M. J. Wood
fiber length as related to position in tree
and growth. Bot R 20:573-5 N '54

Stark, Eric Walter. Wood anatomy of the
aceraceae indigenous to the United States.
(Station bul. 606) Ind. Agricultural experi-
ment station '54 p 19-21

Stark, Eric Walter. Wood anatomy of the
magnoliaceae indigenous to the United
States. (Station bul. 607) Ind. Agricultural
experiment station '54 p 15-16

Stern, W. L. Xylem anatomy and relation-
ships of gomortegaceae. Am J Bot 42:884-5
D '55

Zobel, B. and others. Core or juvenile wood
of loblolly and slash pine trees. Tappi 42:
355-6 My '59

Chemistry

See also

Lignin

Wood distillation

Decay

Causes of deterioration and protective meth-
ods for timber. Am Soc Civil Eng Proc 84
[ST 5 no 17601:8-10 S '58]

Distillation

See Wood distillation

Preservation

Benito Martínez, José. Conservación de
maderas en sus aspectos teórico, industrial
y económico; v 1, Estudio técnico de los
antisépticos de tipo oleaginoso. Inst.
forestal de investigaciones y experiencias
'52 incl bibliog

Causes of deterioration and protective meth-
ods for timber. Am Soc Civil Eng Proc 84
[ST 5 no 17601:8-10 S '58]

Hamilton, Lawrence Stanley, and Cunning-
ham, Gordon R. Longer life for wood in
your fences and vineyards. (Cornell ex-
tension bul. 987) Cooperative extension ser-
vice, N.Y. state college of agriculture, Cor-
nell univ; U.S. Dept. of agriculture '58?
p23-4

Hartley, C. Biological factors influencing the
effectiveness of wood preservatives against
decay. Ap Microbiol 6:210-11 My '58

Walters, Charles Sebastian. Soaking treat-
ment of basswood at low temperatures as
affected by temperature and viscosity of so-
lution, wood moisture, and type of treat-
ment. (Bul. 633) Agricultural experiment
station, Univ. of Ill. '58 p49-51

Standards

Mette, Hans Joachim, and others. Die Homa
1956 mit erläuterungen; kommentar zur
anordnung über die ausformung, messung
und sortenbildung des inländischen roh-
holzes und der inländischen rinden; holz-
messanweisung (Homa) vom 24. nov. 1955.
Deutscher bauernverlag '56 p 151-6

WOOD, Compressed

Trübswetter, Thomas. Die spanplatte; litera-
tur- & patentbericht über entwicklung,
herstellung, anwendung. Moser-verlag '57
p29-46

WOOD as fuel

Dosne, J. J. E. Wood burners and camp
stoves. Pulp & Pa Mag Can 57 no3:349-50
'56

WOOD borers

Balakrishnan Nair, N. Structure and physi-
ology of the timber borer bankia indica
with special reference to boring habit.
Madras Univ J secB 27:370-2 Ag '57

Dürr, H. J. R. Morphology and bionomics of
the European houseborer, hylotrupes bajulus
(coleoptera: cerambycidae) (South Africa.
Dept. of agriculture. Div. of entomology.
Entomology memoirs, v4, pt 1) Gov. printer
'56 p 123-9

WOOD carving

Barrow, T. T. Maori decorative carving—an
outline. Polynesian Soc J 65:329-31 D '56

WOOD construction

Anderson, Le Roy Oscar, and Heyer, Otto
Christian. Wood-frame house construction.
(U.S. Dept. of agriculture. Agriculture
handbk. no73) U.S. Gov. ptg. office '55 p214-
17

WOOD construction—Continued

Michniewicz, Wicenty. Konstrukcje drewniane. Arkady '58 p749-53
 Timber engineering company. Timber design and construction handbook. Dodge '56 p562-4

Wood diaphragms: progress report of a subcommittee of the Committee on timber structure of the Structural division. Am Soc Civil Eng Proc 83 [ST6 no 1433] 3-10 '57

WOOD destroying fungi

Rypáček, Vladimír. Biologie dřevokazných hub. (Československá akad. věd. Sekce biologická. Studie a prameny, no26) Nakl. Československé akad. věd. '57 p 189-98

WOOD distillation

Ross, John Daryl. Bibliography of wood distillation, 1907-1953. Ore. forest products laboratory '55 55p

WOOD engraving

Biggs, John Reginald. Woodcuts; wood-engravings, linocuts and prints by related methods of relief print making. Sterling '58 p 167-72 annot

WOOD finishing

See also
 Varnish and varnishing

WOOD gum. See Xylan**WOOD pulp**

Brown, Curtis L. and others. Constitution and pulping of aspen and poplar woods. (Bibliog. ser, no84) Inst. of paper chemistry '57 120p annot

Calkin, John Burges. Modern pulp and paper making. 3d ed rev Reinhold '57 incl bibliog

Joint textbook committee of the paper industry of the United States and Canada. Pulp and paper manufacture, new series; prepared under the direction of the Joint executive com. on vocational education representing the pulp and paper industry of the United States and Canada; J. Newell Stephenson, editor-in-chief. McGraw '50-'55 4v incl bibliog

Pulp and paper manufacture; bibliog. and U.S. patents, 1951-1955; comp. by Jack Weiner. Technical assn. of the pulp & paper industry '57 1201p

Pulp and paper manufacture; bibliography and United States patents, 1956[-1958] Technical assn. of the pulp & paper industry '57-'59 3v

WOOD rats

Finley, Robert B. Wood rats of Colorado: distribution and ecology. (Pubs. v 10, no6) Museum of natural history, Univ. of Kan. '58 p547-52

Rainey, Dennis G. Eastern woodrat, neotoma floridana: life history and ecology. (Pubs. v8, no 10) Univ. of Kan. '56 p642-6

WOOD waste

Boubel, Richard William, and others. Wood waste disposal and utilization. (Bul. no39) Engineering experiment station, Ore. state college '58 p87-90

Carlyle, A. A. and others. Wood particle board handbook; E. S. Johnson, editor. Industrial experimental program, School of engineering, N.C. State college '56 incl bibliog

Organization for European economic cooperation. Industrial use of woodwaste; project no221. European productivity agency '56 incl bibliog

WOODEN bridges. See Bridges, Wooden**WOODWORK**

Fryklund, Verne Charles, and La Berge, Armand John. General shop bench woodworking. 4th ed McKnight '55 p 149

See also

Furniture
 Wood carving

WOODWORTH, Samuel, 1785-1842

Wegelin, Oscar. Bibliographical list of the literary and dramatic productions and periodicals written and compiled by Samuel Woodworth, author of The bucket. (Heartman's historical ser, no78) The author '53 19p

WOODY plants

Doran, William Leonard. Propagation of woody plants by cuttings. (Mass. Agricultural experiment station. Bul. no491) College of agriculture, Univ. of Mass. '57 p81-90

Nitsch, J. P. Photoperiodism in woody plants. Am Soc Hort Sci Proc 70:542-4 D '57

WOOL

Australia. Wool textile research laboratories. Proceedings of the international wool textile research conference, Australia, 1955. Commonwealth scientific & industrial research organization. '56 incl bibliog

Demiruren, A. and Burns, R. H. Resilience of scoured wool. Textile Res J 25:674-5 Ag '55

Dun, R. B. Influence of selection and plane of nutrition on the components of fleece weight in Merino sheep. Australian J Ag Res 6:817-18 N '58

Hardy, M. H. and Lyne, A. G. Pre-natal development of wool follicles in merino sheep. Australian J Biol Sci 9:439-40 Ag '56

Howell, Leander D. Price risks for wool and wool products, and means of reducing them. (U.S. Dept. of agriculture. Technical bul. no 1163) U.S. Gov. ptg. office '57 p96-7

Kehren, M. and Lassé, R. Wool fibre. Ciba R no 113:4139 Feb '56

Ott, D. J. Identification of insect damage on wool and related animal fibers. Am Dyestuff Rep 44:519-20 Ag 1 '55

Pohle, Elroy M. and others. Value-determining physical properties and characteristics of domestic wools. (U.S. Dept. of agriculture. Marketing research rep. no 211) Livestock div. Agricultural marketing service '58 p65-7

Prodanović, Dušan. Bibliografska grada o ovčarstvu i vunarstvu, 1774-1950. The sheep and wool bibliography of Yugoslavia, 1774-1950. Poljoprivredno izdavačko preduzeće '50 39p

Stephenson, S. K. Wool follicle development in the New Zealand Romney and N-type sheep. Australian J Ag Res 9:159-60; 10: 120. 451-2 Ja '58, Ja. My '59

Taylor, Jack B. Feasibility of processing wool and mohair in Texas. (Bul. 852) Tex. agricultural experiment station '57 p53-6

See also

Yarn

Grading and standardization

Johnston, D. and others. Physical measurements and their application in describing wool. (U.S. Dept. of agriculture. Marketing research rep. no256) Livestock div. U.S. Agricultural marketing service '58 p33-5

WOOL fats

Raymond, Robert S. and Mandell, Stuart L. Wool grease: the economics of recovery and utilization in the United States. (U.S. Dept. of agriculture. Marketing research rep. no89) Agricultural marketing service '55 p 153-64

WOOL industry and trade

Barnard, Alan. Australian wool market, 1840-1900. Cambridge '58 p207-14

English wool industry. Ciba R 11:31 Ja '59

Weiss, Harry Bischoff, and Ziegler, Grace M. Early woolen industry of New Jersey. N.J. agricultural soc. '58 p95-7

WOOLF, Virginia (Stephen) 1882-1941

Kirkpatrick, Brownlee Jean. Bibliography of Virginia Woolf. (Soho bibliogs, no9) Hart-Davis '57 180p

Woolf, Virginia (Stephen). Letters: Virginia Woolf & Lytton Strachey; ed. by Leonard Woolf & James Strachey. Harcourt '56 p viii

WOOLSEY, Theodore Dwight, 1801-1889

King, George A. Theodore Dwight Woolsey; his political and social ideas. (Jesuit studies, no4) Loyola univ. press '56 p273-88

WORDSWORTH, William, 1770-1850

Barnes, J. C. Bibliography of Wordsworth in American periodicals through 1825. Bibliog Soc Am Pa 52 no3:205-19 '58

Cornell university. Library. Cornell Wordsworth collection: a catalogue of bks and mss. presented to the Univ. by Mr. Victor Emanuel. Cornell 1919; comp. by George Harris Healey. Cornell univ. press '57 458p

Darbishire, Helen. Wordsworth. (Bibliog. ser. of sups. to British bk. news, no34) Longmans '53 p43-8

WORK

Gross, Edward. Work and society. Crowell '58 incl bibliog

Herzberg, Frederick, and others. Motivation to work. 2d ed Wiley '59 incl bibliog

Measurement

See Work measurement

WORK, Therapeutic effect of. See Occupational therapy

WORK experience. See Education, Cooperative **WORK measurement**

Lintern, Dewi Gwynfryn, and Curtis, Ronald Joseph Southey. *Work measurement and incentives.* Pitman '58 p 162-4

WORK satisfaction. See Job satisfaction

WORKERS' education. See Education of workers

WORKING classes. See Labor and laboring classes

WORKING day. See Hours of labor

WORKMEN'S compensation.

Los Angeles county law library, Los Angeles. *Workmen's compensation; bks. and articles of interest to Californian lawyers.* The library '59 9p

Pollack, J. *Medical care and rehabilitation under workmen's compensation.* Am J Pub Health 45:651-2 My '55

Princeton university. *Industrial relations section. Current issues in workmen's compensation.* (Sel. references, no63) The section '55 4p annot

WORKS councils

Termin, Walter. *Zwischen rätediktatur und sozialer demokratie; die geschichte der rätebewegung in der deutschen revolution 1918/19.* (Beiträge zur geschichte des parlamentarismus und der politischen parteien, no4) Droste-verlag '54 p 139-45

WORKSHOPS, Educational. See Educational workshops

WORKSHOPS, Teachers. See Teachers workshops

WORLD council of churches

Duff, Edward. *Social thought of the World council of churches.* Assn. press '56 p321-31

WORLD history. See History, Universal

WORLD politics

Arnold, G. L. *Pattern of world conflict.* Dial press '55 p237-40

Atwater, Elton, and others. *World affairs; problems and prospects.* (ACC political science ser.) Appleton '58 incl bibliog annot

Books of interest to the military reader. See numbers of Military review

Budapest. Fővárosi Szabó Ervin könyvtár. A Népek Bécsi Békekongresszusától a Békevilágteremtés Budapesti Üléséig; válogatott folyóiratszerű bibliográfia a békeharcról, 1952 december 12-1953, június 1. From the Vienna Congress of the peoples for peace to the session of the World peace council in Budapest; bibliog. of sel. articles on the fight for peace. The library '53 29p

Carnegie endowment for international peace. Second [-third] world affairs book fair, 1955 [-1956] catalogue of the combined bk. exhibit, Exhibition hall, Carnegie endowment int. center. Thomas J. McLaughlin '55-'56 2v

Indian council of world affairs. Library. Select articles on current affairs, 1956[-1957] (V 1-2) (Bibliog. ser. 4) The council '57-'58 2v

Kelly, Sir David. *Hungry sheep.* Newman press '56 p237-44

Lerche, Charles Olsen. *Principles of international politics.* Oxford '56 p414-20

Macridis, Roy C. ed. *Foreign policy in world politics* [contributors: Gabriel A. Almond and others] Prentice-Hall '58 incl bibliog

Mills, Lennox Algernon, and McLaughlin, Charles Hemphill. *World politics in transition.* Holt '56 incl bibliog

Organski, A. F. K. *World politics.* Knopf '58 p451-61

Recent books on international relations. See numbers of Foreign affairs annot

Roberts, Henry Lithgow, and others. *Foreign affairs bibliography; a sel. and annot. list of bks. on int. relations, 1942-1952; pub. for the Council on foreign relations.* Harper '55 72p

Savord, Ruth, and Wasson, Donald, comps. *World affairs; a foreign service reading list.* Foreign service journal '54 23p

Scammell, W. M. and others. *Reports on world affairs.* (In Year book of world affairs, 1956; pub. under the auspices of the London inst. of world affairs. (V 10) Praeger '56 p270-316) annot

Schuman, Frederick Lewis. *International politics; the western state system and the world community.* 6th ed McGraw '58 incl bibliog

Snyder, Louis Leo. *World in the twentieth century.* (Anvil original no4) Van Nostrand '55 p 183-4

Source material: public documents. See numbers of Foreign affairs

United States. Department of state. Division of library and reference services. *World politics; a sel. and annot. bibliog. of bks. in the English language.* (Bibliog. list 89) The services '53 7p

United States. Department of the army. Army library. *Military power and national objectives; a sel. list of titles.* (Special bibliog. no 15) The library '57 131p

United States. Library of Congress. European affairs division. *United States and Europe; a bibliog. examination of thought expressed in Am. and British writings of 1949[-1951-1952]* The library '49-'53 3v annot

See also

Colonies

Eastern question

Eastern question (Far East)

Geopolitics

International organization

International relations

Isolationism

United nations

also subhead Politics under the following subjects

Africa

Asia

Asia, Southeastern

Europe

Far East

Latin America

Middle East

WORLD war, 1914-1918. See European war, 1914-1918

WORLD war, 1939-1945

Amsterdam. Rijksinstituut voor oorlogsdocumentatie. *Catalogue van pamfletten, 1940-1945.* A catalogue of pamphlets, 1940-1945. The institute '52 46p

Herre, Franz, and Auerbach, Hellmuth. *Bibliographie zur zeitgeschichte und zum zweiten weltkrieg für die jahre 1945-50.* Inst. für zeitgeschichte '55 254p

Italy. Esercito. *Corpo di stato maggiore. Ufficio storico. Saggio bibliografico sulla seconda guerra mondiale.* The office '49 209p

—Supplemento. 1[-2] The office '51-'52 2v

Select bibliography of revisionist books dealing with the two world wars and their aftermath; with brief comments. Oxnard press courier '57 30p annot

Stock, N. *Blackout on history.* European 12: 337-43 F '59

United States. Army. European command. Historical division. *Guide to foreign military studies, 1945-1954.* The division '54 253p

Vromans, A. G. *Bibliographische opgave van chronologieën betreffende de Tweede wereldoorlog.* The author '54 7p

See also

Concentration camps

United nations

Veterans

Aerial operations

Wolff, Leon. *Lcw level mission; introd.* by John R. Kane. Doubleday '57 p235-6

Atrocities

Crankshaw, Edward. *Gestapo, instrument of tyranny.* Putnam '56 p261-4 annot

Kosicki, Jerzy. *Bibliografia piśmiennictwa polskiego za lata 1944-1953 o hitlerowskich zbrodniach wojennych.* Wydawn. prawnicze '55 177p

Campaigns and battles

Bryant, Sir Arthur. *Turn of the tide; a history of the war years based on the diaries of Field-Marshal Lord Alanbrooke, Chief of the Imperial general staff.* Doubleday '57 p596-7

Higgins, Trumbull. *Winston Churchill and the second front, 1940-1943.* Oxford '57 p254-73

Jacobsen, Hans Adolf. *Fall Gelb; der kampf um den deutschen operationsplan zur westoffensive 1940.* (Inst. für europäische geschichte. Mainz. Veröffentlichungen, v 16) Steiner '57 p316-29

Taylor, Telford. *March of conquest; the German victories in western Europe, 1940.* Simon & Schuster '58 p439-44

See also

Iwo Jima, Battle of, 1945

World war, 1939-1945—Aerial operations

World war, 1939-1945—Naval operations

WORLD war, 1939-1945—Campaigns and battles

—Continued

Pacific front

United States. Marine corps. Marshalls: increasing the tempo [by] Robert D. Heinl [and] John A. Crown. Historical branch '54 p 161-6

United States. Marine corps. Okinawa: victory in the Pacific [by] Chas. S. Nichols [and] Henry I. Shaw. Historical branch '55 p276-80

Censorship

Paris. Bibliothèque nationale. Catalogue des périodiques clandestins 1939-1945; suivi d'un catalogue des périodiques clandestins diffusés à l'étranger; préparé et rédigé successivement par Renée Roux-Fouillet et Paul Roux-Fouillet. The library '54 282p

Diplomatic history

Rozek, Edward J. Allied wartime diplomacy: a pattern in Poland. Wiley '58 p465-70

Snell, John Leslie. Wartime origins of the East-West dilemma over Germany. Hauser press '59 p253-8 annot

Wedemeyer, Albert Coady. Wedemeyer reports. Holt '58 p481-5

Displaced persons

See Refugees

Economic aspects

Klein, Burton Harold. Germany's economic preparations for war. (Harvard economic studies, v 109) Harvard univ. press '59 p259-64

Evacuation of civilians

California. University. Library. Japanese American evacuation and resettlement; catalog of material in the General lib. prepared by Edward N. Barnhart. The library '58 177p

Food question

Lloyd, Edward Mayow Hastings. Food and inflation in the Middle East, 1940-45. (Stanford univ. Food research inst. Studies on food, agriculture, and World war II) Stanford univ. press '56 incl bibliog

Medical and sanitary affairs

United States. Department of health, education, and welfare. Effects of malnutrition and other hardships on the mortality and morbidity of former United States prisoners of war and civilian internees of World war II; an appraisal of current information; message from the President of the United States transmitting the rep. of the Secretary of health, education, and welfare . . . pursuant Public law 744, 83d Congress. (U.S. 84th Cong, 2d sess, 1956. House Doc. no296) U.S. Gov. ptg. office '56 p45-9

Naval operations

Bezemer, Karel Willem Leonard. Zij vochten op de zeven zeeën; verrichtingen en avonturen der Koninklijke marine in de tweede wereldoorlog; mit een voorwoord van A. de Booy. W. de Haan '54 p414-15

Special libraries association. Military librarians division. Naval operations in World war II, 1939-1945; 100 titles for the large public or academic lib; comp. by Jack B. Goldmann. (Military bibliogs, no9) U.S. Naval postgraduate school '56 7p

Tuleja, Thaddeus V. Twilight of the sea gods. Norton '58 p281-4 annot

Occupied territories

See also

World war, 1939-1945—Underground movements

Peace

Kecskemeti, Paul. Strategic surrender: the politics of victory and defeat. (Rand ser) Stanford univ. press '58 p273-6

Prisoners and prisons

United States. Department of health, education, and welfare. Effects of malnutrition and other hardships on the mortality and morbidity of former United States prisoners of war and civilian internees of World war II; an appraisal of current information; message from the President of the United States transmitting the rep. of the Secretary of health, education, and welfare . . . pursuant Public law 744, 83d Congress. (U.S. 84th Cong, 2d sess, 1956. House. Doc. no296) U.S. Gov. ptg. office '56 p45-9

Propaganda

Perusse, Roland I. Bibliography on international propaganda; an annot. list of sel. recent titles, to includes [I] pertinent aspects of int. information, int. communication and psychological warfare. The author '5-? 31p

Psychological aspects

Ahrenfeldt, Robert H. Psychiatry in the British army in the second World war; foreword by Eli Ginzberg. Columbia univ. press '58 p286-302

Regimental histories

Bielatowicz, Jan, and others, eds. Monte Cassino; w dziesięciolecie bitwy. Nakł. stowarzyszenia polskich kombatanów '54 p59-63

Reparations

Castillon, Richard. Les réparations allemandes; deux expériences, 1919-1932, 1945-1952; essai d'étude comparée, mise à jour au 1^{er} sept, 1952; préf. d'André Piettre. Presses universitaires de France '53 p 190-8

Resistance movements

See World war, 1939-1945—Underground movements

Secret service

Heilbrunn, Otto. Soviet secret services. (Bks. that matter) Praeger '56 p205-9

Territorial questions

Goguel, Rudl, and Pohl, Heinz. Oder-Neisse; eine dokumentation. (Deutsches inst. für zeitgeschichte. Quellen und studien) Kongress-verlag '55 p 185-9

See also

International trusteeship

Germany

Snell, John Leslie. Wartime origins of the East-West dilemma over Germany. Hauser press '59 p253-8 annot

Transportation

Steinweg, Günther. Die deutsche handelsflotte im zweiten weltkrieg, aufgaben und schicksal. Schwartz '54 p 177-8

Underground literature

Buschardt, Leo, and others. Besettestidens illegale blade og bøger, 1940-1945; en bibliograf. Kongelige bibliotek, Copenhagen '54 201p

Underground movements

Europe

Seth, Ronald. Undaunted; the story of resistance in western Europe. Philosophical lib. '56 p314-20

France

Hostache, René. Le Conseil national de la résistance; les insts. de la clandestinité, (Esprit de la résistance; la guerre, l'occupation, la déportation, la libération) Presses univs. de France '58 p485-93

Germany

See Anti-Nazi movement

Italy

Bartolini, Alfonso, and others. Panorama bibliografico; presentazione di Ferruccio Parri. Biblioteca di sintesi storica '57 344p

Battaglia, Roberto. Storia della resistenza italiana. (8 settembre 1943-25 aprile 1945) Einaudi '53 p579-621

Malvezzi, Piero, and Pirelli, Giovanni, eds. Lettere di condannati a morte della resistenza italiana, 8 settembre 1943-25 aprile 1945; pref. di Enzo Enriques Agnoletti. (Saggi, 150) Einaudi '52 p247-51

WORLD war, 1939-1945—Continued

Denmark

Buschardt, Leo, and others. Besættelsestidens illegale blade og bøger, 1940-1945; en bibliografi. Kongelige bibliotek, Copenhagen '54 201p

France

Goutard, Adolphe. Battle of France, 1940; tr. by A. R. P. Burgess; foreword by B. H. Liddell Hart. Washburn '59 p267-9
Reynaud, Paul. In the thick of the fight, 1930-1945; tr. by James D. Lambert. Simon & Schuster '56 p657-9

Germany

Günther-Hornig, Margot. Kunstschutz in den von Deutschland besetzten gebieten, 1939-1945. (Studien zu den deutschen besetzungen im 2. weltkrieg; no 13) Institut für besatzungsfragen '58 p vii-xx
Jacobsen, Hans Adolf. Fall Gelb; der kampf um den deutschen operationsplan zur westoffensive 1940. (Inst. für europäische geschichte, Mainz. Veröffentlichungen. v 16) Steiner '57 p316-29
Jong, Louis de. De Duitse vijfde colonne in de tweede wereldoorlog. Van Loghum Slaterus '53 p457-80

Japan

Oughterson, Ashsley W. and Warren, Shields, eds. Medical effects of the atomic bomb in Japan. (Nat. nuclear energy ser. Manhattan project technical sec. Div. viii, v8) McGraw '56 incl bibliog

Luxemburg

Ligue des prisonniers et déportés politiques luxembourgeois. Livre d'or de la résistance luxembourgeoise de 1940-1945; éd. sous les auspices de la L.P.P.D. par Nicolas Bosseler et Raymond Steichen. Ney-Elcher '52 p722-9

Poland

Chojnacki, Władysław. Materiały do bibliografii okupacji hitlerowskiej w Polsce, 1939-1945; uzupełnienia za lata 1944-1953. Państwowe wydawn. naukowe '57 63p
Poland (Territory under German occupation, 1939-1945) Laws, statutes, etc. Hitlerowskie prawo okupacyjne w Polsce; wybór dokumentów; v 1, Ziemie wcielone. (Documenta occupationis, 5) Inst. zachodni '52 p414-23
Związek byłych żołnierzy samodzielnej brygady strzelców karpackich. Samodzielną brygadą strzelców karpackich w dziesięciolecie jej powstania; zbiorowa praca historyczna i literacka żołnierzy S.B.S.K. The association '51 incl bibliog

Switzerland

Schwarz, Urs. Die schweizerische kriegsfinanzierung 1939-1945, und ihre ausstrahlungen in der nachkriegszeit. Keller '53 p 143-8

WORMS

See also

Arrowworms
Earthworms
Embryology—Worms
Sense organs—Worms
Turbellaria

WORMS, Intestinal and parasitic

Ehrenford, F. A. and Snodgrass, T. B. Incidence of canine diroptophymiasis (giant kidney worm infection) with a summary of cases in North America. Am Vet Med Assn J 126:417 My '55
Faust, Ernest Carroll. Animal agents and vectors of human disease. Lea '55 incl bibliog
Pan, C. T. and others. Reinfection and seasonal fluctuations of ascaris lumbricoides among a group of children in an area where night soil is used. J Parasitol 40:607-8 O '54
See also
Nematoda
Tapeworms
Trematoda
Trichina and trichinosis

WORRY

See also

Anxiety

WORSHIP

Abba, Raymond. Principles of Christian worship. Oxford '57 p 188-90
Bays, Alice (Anderson). Worship services for junior highs. Abingdon '58 p235-8

Davies, Horton. Christian worship, its history and meaning. Abingdon '57 p 126-8

See also

Idols and images—Worship
Prayer

WORTHINGTON, Thomas, 1773-1827

Sears, Alfred Byron. Thomas Worthington; father of Ohio statehood. Ohio state univ. press '58 p243-50

WOUNDS

Allgower, Martin. Cellular basis of wound repair; tr. by M. B. Laver. Thomas '56 p 109-20
Gelin, Lars Erik. Studies in anemia of injury [tr. by L. James Brown] (Sup210) Acta chirurgica scandinavica '56 p 122-8
Symposium on wound healing and tissue repair. New York, 1956. Wound healing and tissue repair; ed. by W. Bradford Patterson. (Developmental biology conference ser, 1956) Univ. of Chicago press '59 incl bibliog
Zederfeldt, Bengt. Studies on wound healing and trauma, with special reference to intravascular aggregation of erythrocytes [tr. by L. James Brown] (Sup224) Acta chirurgica scandinavica '57 p81-5
WREN, Sir Christopher, 1632-1723
Fürst, Viktor. Architecture of Sir Christopher Wren. Lund '56 p237-44
Sekler, Eduard Franz. Wren and his place in European architecture [tr. by Mr & Mrs Peter Murray] Macmillan '56 p 195-202

WRENS

Armstrong, Edward Allworthy. Wren. (New naturalist) Collins '55 p286-300

WRESTLING

Lantz, Everett D. Wrestling guide. Bur. of educational research, Univ. of Wyo. '57 p41-3
Rasch, P. J. and others. Electrocardiographic study of United States Olympic free style wrestlers. Res Q 29:52-3 Mr '58

See also

Jiu-jitsu

WRIGHT, Frank James, 1888-1954

Sharp, H. S. Memorial to Frank James Wright (1888-1954) Geol Soc Am Proc 1955: 185 Jl '56

WRIGHT, Frank Lloyd, 1869-1959

Karpel, Bernard. What men have written about Frank Lloyd Wright; a bibliog. arr. by decades from 1900 to 1955. House beautiful magazine '55 32p
Manson, Grant Carpenter. Frank Lloyd Wright to 1910; the first golden age; with a foreword by Henry-Russell Hitchcock. Reinhold '58 p219-22

WRIGHT, Frederick Eugene, 1877-1953

Fleming, J. A. and Piggot, C. S. Frederick Eugene Wright, 1877-1953. (In National academy of sciences. Biographical memoirs. Columbia univ. press '56 p345-59)

WRITING

See also

Graphology
Paleography
Shorthand
Typewriting

History

Húščava, Alexander. Dejiny a vývoj nášho písma. Slovenská akad. vied a umení '51 p337-75

WRITING (authorship) See Authorship; Journalism

WROUGHT iron work. See Ironwork

WÜRTTEMBERG, Germany

History

Grube, Walter. Der Stuttgarter Landtag, 1457-1957; von den landständen zum demokratischen parlament; hrsg. im auftrag der Kommission für geschichtliche landeskunde in Baden-Württemberg. Klett '57 p579-84
Weller, Karl, ed. Württembergische geschichte; 4. bis zur gegenwart erweiterte und neu bearb. auflage. Silberburg-verlag '58 p228-9

WUST, Peter, 1884-1940

Wust, Peter. Briefe und aufsätze; mit einer biographischen einleitung hrsg. von Wilhelm Vernekoehl. Regensburg '58 p364-5

—Same. 2d rev ed Regensburg '59 p376-7
Wust, Peter. Unterwegs zur heimat; briefe und aufsätze, hrsg. von Wilhelm Vernekoehl. Regensburg '56 p 177-8

X

X disease of cattle

Hansel, W. and McEntee, K. Bovine hyperkeratosis (x-disease): a review. *J Dairy Sci* 38:880-2 Ag '55

X RAY microscope

Hildenbrand, G. Grundlagen der röntgenoptik und röntgenmikroskopie. *Ergeb Exakt Naturw* 30:111-33 '58

International union of pure and applied physics. X-ray microscopy and microradiography; proceedings of a symposium held at the Cavendish laboratory, Cambridge, 1956; ed. by V. E. Cosslett [and others]. Academic press '57 incl bibliog

Philips electronics, incorporated. Instruments division. X-ray micro probe research: partial list of literature references. The division '58 5p

X RAY photography. See Radiography**X RAYS**

Herglotz, Heribert. Einflüsse der bindung auf das röntgenspektrum; literaturbericht. (Abh., no 13) Dokumentationszentrum für technik & wirtschaft '52 53p

Kohn, H. I. and Gunter, S. E. Relative biological efficiency of 1000-Kup and 250-Kup X-rays. *Radiation Res* 5:686-7 D '56

McLachlan, Dan. X-ray crystal structure. McGraw '57 incl bibliog

Young, M. E. J. Radiological physics. Academic press '57 incl bibliog

See also

Crystallography—X ray studies
Diagnosis, Radioscopic
Gamma rays

Absorption

Liebhafsky, H. A. and Winslow, E. H. X-ray absorption and emission. *Anal Chem* 28: 590-1; 30:586-9 Ap '56, Ap '58

Apparatus and supplies

Gidlund, Ake. Development of apparatus and methods for roentgen studies in haemodynamics. (Sup 130) *Acta radiologica* '56 incl bibliog

Diffraction

Azároff, Leonid V. and Buerger, Martin J. Powder method in X-ray crystallography. McGraw '58 incl bibliog

Fankuchen, I. X-ray diffraction. *Anal Chem* 30:596 Ap '58

Feiser, H. S. and others, eds. X-ray diffraction by polycrystalline materials. (Physics in industry) Inst. of physics '55 p667-96

Post, B. and Fankuchen, I. X-ray diffraction. *Anal Chem* 28:595 Ap '56

Industrial applications

Eastman kodak company. X-ray division. Radiography in modern industry. 2d ed The division '57 p 130

Isenburger, Herbert Rudolf. Bibliography on industrial radiology, 1954-1956; 6th sup. to industrial radiology. St John X-ray laboratory '57 21p

See also

Radiography

Measurement

Chapman, W. H. and Jerome, E. A. Body-weight changes of male mice as a biological dosimeter. *Radiation Res* 4:529-31 Je '56

Physiological effect

Alexander, P. and others. Mode of action of some substances which protect against the lethal effects of X-rays. *Radiation Res* 2: 413-15 Je '55

Boone, I. U. and others. Relation between bacteremia and death in mice following X-ray and thermal column exposures. *J Bact* 71:194-5 F '56

Brunst, V. V. Reaction of the skin epithelium of the tails of rana catesbiana tadpoles to local X-radiation. *Radiation Res* 2:565-7 Ag '55

Bryan, J. H. and Gowen, J. W. Histological and cytophotometric study of the effects of X-rays on the mouse testis. *Biol Bul* 110: 241-2 Je '56

Cole, L. J. and others. Effect of illogous bone marrow and antibiotics in mice after supralethal X-irradiation (1000 to 1100 r). *Radiation Res* 6:148-9 Ag '57

Grahn, D. and others. Comparative effectiveness of several X-ray qualities for acute lethality in mice and rabbits. *Radiation Res* 4:241-2 Mr '56

Kay, R. E. and others. Increased urinary excretion of taurine and urea by rats after X-irradiation. *Radiation Res* 6:107-9 Ja '57

Kohn, H. L. Late effects of whole-body X-irradiation in the mouse. *Radiation Res* 7:432-5 O '57

Lacassagne, Antoine, and Gricourroff, Georges. Action of radiation on tissues; an introd. to radiotherapy; tr. by Clarence C. Lushbaugh and Gretchen K. Riese. 2d ed Grune '58 incl bibliog

Lipetz, L. E. Electrophysiology of the X-ray phosphene. *Radiation Res* 2:327-9 Je '55

McCarley, W. H. Study of the dynamics of a population of peromyscus gossypinus and P. nuttalli subjected to the effects of X-irradiation. *Am Midl Natur* 61:468-9 Ap '59

McKenna, J. M. and Zwerfach, B. W. Comparative study of the physiological effects of X-irradiation and resistance to traumatic shock. *Radiation Res* 6:135-6 F '57

Nielson, Karen. Effects of X-rays on anterior pituitary lobes of normal mice and anterior pituitary dwarf mice; with a Danish summary; tr. from Danish by Elisabeth Aagesen. *Helweg* '54 p 119-24

Russell, L. B. X-ray-induced developmental abnormalities in the mouse and their use in the analysis of embryological patterns. *J Exp Zool* 131:388-90 Ap '56

Smith, K. C. and Low-Beer, B. V. A. Effect of whole-body X-irradiation on the enzymatic activity of several rat tissues toward uridine, uridylic acid cytidine, and cytidylic acid. *Radiation Res* 6:530-1 My '57

Stadler, J. and Gowen, J. W. Contributions to survival made by body cells of genetically differentiated strains of mice following X-irradiations. *Biol Bul* 112:420-1 Je '57

Upton, A. C. and others. Relative biological effectiveness of fast neutrons, X-rays and γ -rays for acute lethality in mice. *Radiation Res* 4:130-1 F '56

Weymouth, P. P. Effect of a single systemic x-irradiation of the C57BL mouse on the nucleodepolymerases of the thymus. *Radiation Res* 8:320-1 Ap '58

See also

Algae, Effect of X rays on
Bacteria, Effect of X rays on
Fungi, Effect of X rays on
Insects, Effect of X rays on
Plants, Effect of X rays on
Poultry, Effect of X rays on

Safety measures*See also*

Shielding (radiation)

Scattering

Guinier, André, and Fournet, Gérard. Small-angle scattering of X-rays; tr. by Christopher B. Walker; with a bibliog. by Kenneth L. Yudowitch. Wiley '55 p217-59

Therapeutic use

Griesbach, Rolf, and Kemper, Fritz. Röntgenschnittverfahren; Grundlagen der technischen entwicklung und der klinischen anwendung für die praxis. Thieme '55 p 128-43

Tahti, Esko. Studies on the effect of X-radiation on 24-hour variations in the mitotic activity in human malignant tumors [tr. by Elvi Kaukokallio] (Sup 117) *Acta pathologica et microbiologica scandinavica* '56 p59-61

Teschendorf, Werner. Die teleröntgentherapie. Thieme '53 p67-72

X RAYS in industry. See X rays—Industrial applications**X RAYS in obstetrics**

Berman, Robert. Obstetrical roentgenology. (Obstetrics & gynecology, a ser. of monographs) Davis '55 p45-66

XANTHINE

Poulsen, Hemming Engelund. Urinsyre, xantin og hypoxantin; en biokemisk-farmakologisk studie. Uric acid, xanthine and hypoxanthine; a biochemical-pharmacological study. Jørgensen '56 p75-85

XANTHOPHYLL

Burdick, E. M. Extraction and utilization of carotenes and xanthophylls. *Econ Bot* 10:278-9 Jl '56

- XAVIER, Francis, Saint, 1506-1552**
Azcona, José Maria. Bibliografía de san Francisco de Javier; prólogo, notas y adiciones de Eladio Esparza. Junta Navarra del IV centenario de la muerte de san Francisco de Javier, Diputación foral de Navarra '52 274p
- XENOPUS laevis**
Zwarenstein, H. and Burgers, A. C. J. *Xenopus laevis*; a sup. bibliography. Medical library, Cape Town univ. '55 40p
- XYLAN**
Sørensen, Henning. Microbial decomposition of xylan. (Acta agriculturae scandinavica. Sup. no 1) Almqvist '57 p78-82
- XYLEM**
Jacobs, W. P. and Morrow, I. B. Quantitative study of xylem development in the vegetative shoot apex of coleus. *Am J Bot* 44:842 D '57
Stern, W. L. Xylem anatomy and relationships of gomortegaceae. *Am J Bot* 42:884-5 D '55
Wetmore, R. H. and Sorokin, S. On the differentiation of xylem. *Arnold Arbor J* 26: 314-15 Ap '55
- Y**
- YACHTS and yachting**
Wolf, Enid. A-boating we will go; a cruising manual for women. McGraw '58 p334-5
Yachting world annual 1957[-1960] (Yachting world pub) De Graff '57-'60 4v 1957, p 190; 1958, p 190; 1959, p 190, 1960, p 190
- YAKUTS**
Chodzido, Theophil. Die familie bei den Jakuten. (Int. schriftenreihe für sozial und politische wissenschaften. Ethnologische reihe, v 1) Paulusverlag '51 p13-20
- YAO (African tribe)**
Mitchell, J. Clyde. Yao village; a study in the social structure of a Nyasaland tribe. Manchester univ. press '56 p224-7
- YAOI, Hidetake, 1894-**
Yaoi Hidetake kyōjō kanreki shukuga kinenkal. List of publications by Professor Hidetake Yaoi. The institute '54 41p
- YARN**
United States. Production and marketing administration. Effect of atmospheric conditions on processing and testing of carded cotton yarn, by Joseph T. Rouse and William H. Burns. Cotton branch '53 p28-9
United States. Production and marketing administration. Relation of rate of carding and factors of cotton quality to strength and appearance of combed yarn, neps in card web, card waste, and comb waste, by Robert W. Webb and Howard B. Richardson. Cotton branch '53 p38-41
Webb, Robert William. Equations for predicting single-strand yarn strength and elongation based on measures of raw-cotton quality. (U.S. Dept. of agriculture. Marketing research rep. no 197) U.S. Gov. ptg. office '57 p31-4
Webb, Robert William. Influence of yarn size on the relative contributions of six cotton fiber properties to strength of carded yarn. (U.S. Dept. of agriculture. Marketing research rep. no 109) U.S. Gov. ptg. office '55 p41-4
- YAWS.** See Framboesia
- YEAR, Marian.** See Marian year
- YEAST**
Agar, H. D. and Douglas, H. C. Studies on the cytological structure of yeast: electron microscopy of thin sections. *J Bact* 73:374-5 Mr '57
Benham, R. W. Genus *Cryptococcus*. *Bact R* 20:195-6 S '56
Cook, Arthur Herbert, ed. Chemistry and biology of yeasts. Academic press '58 incl bibliog
De Beze, G. I. Yeasts. *Ap Microbiol* 4:11-12 Ja '56
Dunn, C. G. Industrial utilization of yeasts. *Econ Bot* 12:162-3 Ap '58
Eaton, N. R. and Klein, H. P. Oxidation of glucose and acetate by *Saccharomyces cerevisiae*. *J Bact* 68:115-16 Jl '54
Giese, A. C. and others. Effect of nutritional state and other conditions on ultraviolet resistance and photoreactivation in yeast. *J Bact* 74:278-9 S '57
Klein, H. P. Synthesis of lipids in resting cells of *Saccharomyces cerevisiae*. *J Bact* 69:626-7 Je '55
Lund, Aage. Studies on the ecology of yeasts [English tr. by Niels Haislund] Munksgaard '54 p 128-32
Mortimer, R. K. Radiobiological and genetic studies on a polyploid series (haploid to hexaploid) of *Saccharomyces cerevisiae*. *Radiation Res* 9:325-6 S '58
Mundkur, B. D. Nucleus of *Saccharomyces*: a cytological study of a frozen-dried polyploid series. *J Bact* 68:528-9 N '54
Roman, Wadim, ed. Yeasts; by K. Arima [and others] (Biologia et industria, 1) Junk '57 incl bibliog
—Same, Academic press '57 incl bibliog
United States. Quartermaster food and container institute for the Armed forces, Chicago. Yeast; its characteristics, growth, and function in baked products; a symposium held at the Palmer house, Chicago, Ill, June 22, 1955; ed. by Charles S. McWilliams and Martin S. Peterson. (Surveys of progress on military subsistence problems; ser 1, Food stability, 8) Advisory board on quartermaster research & development. Com. on foods, Nat. acad. of sciences—Nat. research council '57 incl bibliog
Wasserman, A. E. and others. Whey utilization—growth conditions for *Saccharomyces fragilis*. *Sewage & Ind Wastes* 30:919-20 Jl '58
Widra, A. and DeLamater, E. D. Cytology of meiosis in *Schizosaccharomyces octosporus*. *Am J Bot* 42:434-5 My '55
- YEATS, William Butler, 1865-1939**
Dublin. University. Library. W. B. Yeats manuscripts and printed books exhibited in the library of Trinity college, Dublin, 1956; catalogue comp. by R. O. Dougan. Lochlainn '56 50p
Kansas. University. Libraries. William Butler Yeats; a catalog of an exhibition from the P. S. O'Heartry coll. by Hester M. Black. The libraries '58 42p
Saul, George Brandon. Prolegomena to the study of Yeats's poems. Univ. of Pa. press '57 196p
Wade, Allan. Bibliography of the writings of W. B. Yeats, 2d ed rev (Soho bibliogs, no 1) Hart-Davis '58 449p
Wilson, Francis Alexander Charles Cauvin. W. B. Yeats and tradition. Macmillan '58 p275-9
- YELLOW fever**
Bloomfield, A. L. Bibliography of internal medicine: yellow fever. *Bul Hist Med* 30: 213-32 My '56
Brazil. Instituto brasileiro de bibliografia e documentação. Febre amarela: bibliog. brasileira. (Bibliogs. brasileiras sobre doenças tropicais, no4) The institute '58 88p
Elton, N. W. Yellow fever in Central America: the imminent threat to Mexico and the United States. *Am J Pub Health* 46: 1264-5 O '56
Hill, Ralph Nading. Doctors who conquered yellow fever. Random house '57 p 171-6
United States. Army. Chemical corps. Technical library, Frederick, Maryland. Bibliography on dengue and yellow fevers. The library '56 104p
World health organization. Yellow fever vaccination [by] Smithburn [and others] (Monograph ser, no30) The organization '56 p211-31
- YELLOW locust trees.** See Locust trees—False acacias
- YEMEN**
Macro, E. Yemen; some recent literature [comment and listing] *Roy Cent Asian Soc J* 45:43-51 Ja '58
- YETTS, Walter Perceval, 1878-1957**
Yetts, Walter Perceval. West and East and the Chou dynasty. (Occasional papers, no 11) China soc, London '58 p 10-16
- YOGA**
Eliade, Mircea. Yoga: immortality and freedom; tr. from the French by Willard R. Trask. (Bollingen ser, v56) Pantheon bks. '58 p437-80
Spring, Clara, and Goss, Madeleine. Yoga for today. Holt '59 p 171-2
- YOLK (embryology)**
Flickinger, R. A. Relation between yolk utilization and differentiation in the frog embryo. *Am Natur* 91:378-9 N '57

YORK (province)

History

Brentano, Robert. York metropolitan jurisdiction, and papal judges delegate (1279-1296) (Calif. Univ. Pubs. in history, v58) Univ. of Calif. press '59 p259-77

YOUNG, Edward, 1683-1765

Pettit, Henry J. Bibliography of Young's Night thoughts. (Colo. Univ. Studies, Ser. in language and literature, no5) Univ. of Colo. press '54 52p

YOUTH

Morris, Glyn. High school principal and staff study youth. (Secondary school adm. ser) Teachers college '53 p 100-2

See also

Adolescence
Children
Church work with youth
Girls

Periodicals

France. Direction générale de la jeunesse et des sports. Publications périodiques concernant la jeunesse et les sports (mise à jour au 1^{er} octobre 1953) The office '53 64p

Germany

Bibliographie des Jugendwanderns. Verlag Deutsches jugenderbergswerk '55 35p
Roessler, Wilhelm. Jugend im erziehungsfeld; haltung und verhalten der deutschen jugend in der ersten hälfte des 20. jahrhunderts unter besonderer berücksichtigung der westdeutschen jugend der gegenwart. Pädagogischer verlag Schwann '57 p511-31
Schelsky, Helmuth. Die skeptische generation; eine soziologie der deutschen jugend. 2d ed Diederich '53 p509-14

Russia

Fisher, Ralph Talcott. Pattern for Soviet youth; a study of the congresses of the Komsomol, 1918-1954. (Columbia univ. Russian inst. Studies) Columbia univ. press '59 p425-31 annot

YOUTH movement

Germany

Roger, Gerhard. Die pädagogische bedeutung der proletarischen jugendbewegung Deutschlands; mit besonderer berücksichtigung des kommunistischen jugendverbandes. (Diskussionsbeiträge zu fragen der pädagogik, no3) Volk & wissen '56 p 166-79

YSTAD, Sweden

History

Ystad, Sweden. Ystads historia by Salomon Kraft (and others) utg. av Ystad stad. Ericssons bokh. '53-'56 2v incl bibliog

YUGOSLAV literature

See also

Slovenian literature

Translations from Italian

Čale, F. Bibliografia delle lettere italiane in Jugoslavia 1946-1955. Lett Mod 8:333-44 My '58

YUGOSLAVIA

Halpern, Joel Martin. Serbian village. Columbia univ. press '58 p311-16
Historija naroda Jugoslavije; redakciona komisija: Anto Babić [et al] uža redakcija: Bogo Grafenauer [et al] Školska knjiga '53 incl bibliog
Markert, Werner, ed. Jugoslawien; in zusammenarbeit mit zahlreichen fachgelehrten. (Osteuropa-handbuch, 1) Böhlau '54 p353-72
Prague. Universita Karlova. Knihovna. Jugoslavie; soupis literatury o současně Jugoslavii a doporučení bibliografie překládů z let 1945-1956; zprac. Oton Berkopec. (Čtete a studujeme, 1956, no7) The library '56 34p
Yugoslavia; with an introd. by Robert F. Byrnes; pub. for the Mid-European studies center of the Free Europe committee. (East-Central Europe under the Communists; Praeger pubs. in Russian history and world communism, no23) Praeger '57 p447-69

See also

Slovenia

Description and travel

Milojević, Borivoje Ž. Geography of Yugoslavia; a sel. bibliography. Slavic & East European div. Reference dept, Lib. of Congress '55 79p

Economic conditions

Tomašević, Jozo. Peasants, politics, and economic change in Yugoslavia. Stanford univ. press '55 p703-26

Economic policy

Širotković, Jakov. Novi privredni sistem FNRJ; osnove, organizacioni oblici i metode upravljanja. Školska knjiga '54 p 181-4

Politics and government

Maclean, Fitzroy Hew. Heretic: the life and times of Josip Broz-Tito. Harper '57 p425-7

YUGOSLAVS

See also

Croats

YUKAGHIR language

Angere, Johannes. Die uralo-jukagirische frage; ein beitrag zum problem der sprachlichen urverwandschaft. Almqvist '56 p232-40

Z

ZADAR, Dalmatia

Maštrović, Vjekoslav. Jadertina croatica; bibliografija knjiga, časopisa i novina izdanih na hrvatskom ili srpskom jeziku u Zadru. (Hrvatska bibliografija) Jugoslavenska akademija znanosti i umjetnosti '49-'54 2v

ZADEK, Ignatz, 1887-

Nitsche, H. G. Professor Dr med Ignatz Zadek zum 70. geburtstag. Z Tuberkulose 110:132 D '57

ZADOKITE documents

Rowley, Harold Henry. Zadokite fragments and the Dead Sea scrolls. Blackwell '52 p89-125

ZAMBONI, Giuseppe, 1875-1950

Studi sul pensiero di Giuseppe Zamboni. Marzorati '57 p 763-76

ŽAMCARANO, Cyben žamcaranović, 1880-1940?

Rupen, R. A. Cyben žamcaranović žamcarano. Harvard J Asiatic Stud 19:139-45 Je '56 annot

ZARA, Italy (province)

Benvenuti, Angelo de. Storia di Zara dal 1797 al 1918. (Biblioteca di scienze moderne no 145) Fratelli Bocca '53 p 13-25

ZEISS, Karl, 1871-1924

Ederer, Karl Peter. Karl Zeiss, 1871-1924; sein leben und künstlerisches werk; theaterwissenschaftlicher beitrag zur Dresdner, Frankfurter und Münchner theatergeschichte. The author '53 p 1-2 at end

ZEN (sect)

Suzuki, Daisetz Teitarō. Zen and Japanese culture. rev & enl 2d ed (Bollingen ser, 64) Pantheon bks. '59 p443-7

ZERFOSS, Samuel, 1912-1958

Van Valkenburg, A. Memorial of Samuel Zerfoss. Am Min 44:388-9 Mr '59

ZETKIN, Klara, 1857-1933

Gittig, Heinz. Clara Zetkin; eine auswahlbibliographie der schriften von und über Clara Zetkin. (Schriftenreihe des Arbeitskreises der gesellschaftswissenschaftlichen beratungsstellen an den dem Staatssekretariat für hochschulwesen unterstellten wissenschaftlichen bibliotheken, no4) Deutsche staatsbibliothek '57 51p

ZEUNE, Johann August, 1778-1853

Preuss, H. Johann August Zeune in seinem einfluss auf Carl Ritter. Erde 90 no2:238-40 '59

ZEYDEL, Edwin Hermann, 1893-

Merkel, G. F. Publications of Edwin H. Zeydel. (In Cincinnati. University. On romanticism and the art of translation; studies in honor of Edwin Hermann Zeydel; ed. by Gottfried F. Merkel. Princeton univ. press '56 p257-67)

ZIJDERVELD, Arie, 1875-1952

Zijderveld, Arie. Keur uit het werk van Dr. A. Zijderveld, verzameld en uitg. door A. G. Zijderveld-Menalda, vrienden en ouderlingen. Swets & Zeitlinger '53 p385-400

ZINC

Mathewson, Champion Herbert. Zinc; the science and technology of the metal; its alloys and compounds; prepared with cooperation of the Am. zinc inst. with chapters by specialists. (Am. chemical soc. Monograph ser, no 142) Reinhold '59 incl bibliog

ZINC—Continued

Zinc development association. Current publications; a list of the pubs. issued by the Association and its affiliates—the Zinc alloy die casters, the Hot dip galvanizers and the Zinc pigment development associations. The association '56 15p

See also

Fungi, Effect of zinc on
Plants, Effect of zinc on

Isotopes

Wetterdal, Bengt. Experimental studies on radioactive zinc in the male reproductive organs of the rat. (Sup 156) *Acta radiologica* '58 p79-83

ZINC, Molten

Hodge, W. and others. Metallic materials resistant to molten zinc. *J Metals* 7:832 J1 '55

ZINC in the body

Berfenstam, Ragnar. Studies on blood zinc: a clinical and experimental investigation into the zinc content of plasma and blood corpuscles with special reference to infancy. (*Acta pædiatrica*, Sup87) *Almqvist* '52 p94-7

Vallee, B. L. Zinc and its biological significance. *AMA Archives Ind Health* 16:153-4 AG '57

ZINC industry and trade

Z. D. A. abstracts; a review of recent technical literature on the uses of zinc and its products, with other material of interest. Alden press. See numbers

ZINC ores

Agnew, A. F. Application of geology to the discovery of zinc-lead ore in the Wisconsin-Illinois-Iowa district. *Min Eng* 7:795 AG '55

ZINC oxide

New Jersey zinc company. Zinc oxide rediscovered; prepared by Harvey E. Brown. Market development div. '57 p96-7

ZINC peroxide. See Zinc oxide**ZIONISM**

American Zionist council. Selected and annotated bibliography on the state of Israel and the Zionist movement. The council '57 20p

Kerstein S. American books on Israel and Zionism, 1952-1954[-1956-1957] (In *Jewish book annual*, 1953-1955[-1957-1958]) (V 12-15) *Jewish bk. council of Am.* '54-'57 4v v 12, p 104-7; v 13, p82-4; v 14, p94-6; v 15, p 109-11 annot

Miller, Irving. Israel, the eternal ideal. Farrar, Straus '55 p 140-2

Palestine and Zionism, 1955[-1956] (V 10-11) *Zionist archives & lib.* '56-'58 2v

Taylor, Alan R. Prelude to Israel; an analysis of Zionist diplomacy, 1897-1947. *Philosophical lib.* '59 p 127-30

Zionist archives and library. Palestine and Zionism; a bibliog. of bks, pamphlets and periodicals. The archives. See numbers thru 1954

Zionist year book, 5715 (Sept. 1954-Sept. 1955). (V4) Zionist federation of Great Britain & Ireland '54 p 135-67

See also

Israel
Jews in Palestine
Palestine

ZIRCON

Poldervaart, A. Zircons in rocks. *Am J Sci* 253:460-1; 254:550-4 AG '55, S '56

ZIRCONIUM

Abshire, Eleanor. Bibliography of zirconium. (Information circ. 7771) U.S. Bur. of mines '57 281p

—Supplement. (Information circ. 7830) U.S. Bur. of mines '58 216p

Degenhardt, H. Untersuchungen zur geochemischen verteilung des zirkoniums in der lithospäre. *Geochimica & Cosmochimica Acta* 11 no4:308-9 '57

Lacy, C. E. and Keeler, J. H. Zirconium-fabrication techniques and alloy development. *Am Soc Mech Eng Trans* 78:433 F '56

Lustman, Benjamin, and Kerze, Frank, eds. Metallurgy of zirconium. (Nat. nuclear energy ser. Manhattan project technical sec. Div. 7, v4) McGraw '55 incl bibliog

United States. Atomic energy commission. Zirconium; a bibliog. of unclassified rep. literature. (TID-3304) Technical information service extension '56 43p

ŽIŽKA, Jan, 1360?-1424

Heymann, Frederick Gotthold. John Žižka and the Hussite revolution. Princeton univ. press '55 p499-507

ZODIACAL light

Rice, M. L. Compilation of recent literature on meteors and zodiacal light. *Meteorol Abst & Bibliog* 8:1109-33 AG '57

ZOLA, Emile, 1840-1902

Hemmings, F. W. J. Present position in Zola studies. *French Stud* 10:97-122 Ap '56

Untersteiner, Gabriella. L'œuvre di Emile Zola e i suoi rapporti con Cézanne; indicazioni bibliografiche. *La Goliardica* '57 42p

ZONE melting. See Melting**ZONING. See City planning****ZOOGEOGRAPHY. See Animals—Geographical distribution****ZOOLOGY**

Bibliografia brasileira de zoologia, 1950/55 [-1956/58] (V 1-2) *Inst. brasileiro de bibliografia e documentação* 57?-59? 3v

Bonnet, Pierre. *Bibliographie araneorum; analyse méthodique de toute la littérature aranéologique jusqu'en 1939*. Douladure '45-'56 3v

Breneman, William Raymond. *Animal form and function; an introd. to college zoology*. 2d ed Ginn '59 incl bibliog

Elliott, Alfred Marlyn. *Zoology*. 2d ed (Century biological ser) Appleton '57 p 701-4 annot

Hegner, Robert William, and Stiles, Karl Amos. *College zoology*. 7th ed Macmillan '59 incl bibliog

Kaestner, Alfred, and Wetzel, Arno. *Lehrbuch der speziellen zoologie*. Fischer '55? incl bibliog

Manter, Harold Winfred, and Miller, Dwight Dana. *Introduction to zoology*. Harper '59 incl bibliog

Moment, Gairdner Bostwick. *General zoology*. Houghton '58 incl bibliog

Morgan, Ann Haven. *Kinships of animals and man; a textbk. of animal biology*. McGraw '55 p801-18

Pax, Ferdinand. *Bibliografia zoologii Śląska; v 3, 1935-1950*. Państw. wyd. nauk '57 184p

Savin, M. B. and Abrahams, H. J. *Zoology library of Thomas Jefferson*. Elisha Mitchell Sci Soc J 74:98-109 N '58

Smith, Roger Cletus. *Guide to the literature of the zoological sciences*. rev ed Burgess '55 135p

—Same. 5th ed Burgess '58 203p

Storer, Tracy Irwin. *General zoology; 3d ed. [by the auth. and] Robert L. Usinger*. (McGraw-Hill pubs. in the zoological sciences) McGraw '57 incl bibliog annot

Wurmbach, Hermann. *Lehrbuch der zoologie*. Fischer '57 incl bibliog

See also

Anatomy, Comparative
Animals
Birds
Color of animals
Desert fauna
Domestic animals
Embryology
Evolution
Fresh water fauna
Hibernation
Insects
Insects, Injurious and beneficial
Invertebrates
Marine biology
Marine fauna
Natural history
Paleontology
Parasites
Phylogeny
Physiology, Comparative
Plankton
Population (zoology)
Protozoology
Soil fauna
Variation (biology)
Vertebrates

also divisions, classes, orders, etc. of the animal kingdom; *also* names of special animals

ZOOLOGY—Continued

Classification

- Farrier, Maurice H. Revision of the veigalidae (acarina). (Technical bul. no 124) Agricultural experiment station, N.C. state college '57 p96-101
- Inger, R. F. Comments on the definition of genera. *Evolution* 12:383-4 S '58
- Mayr, Ernst, and others. Methods and principles of systematic zoology. (McGraw-Hill pubs. in the zoological sciences) McGraw '53 p285-99
- Simpson, George Gaylord. Phenacolemuridae, new family of early primates. (Bul. v 105, article 5) Am. museum of natural history '55 p440-1
- Stunkard, H. W. Life-history and systematic relations of the mesozoa. *Q R Biol* 29:242-4 S '54
- Van Gelder, Richard G. Taxonomic revision of the spotted skunks (genus *spilogale*) (Bul. v 117, article 5) Am. museum of natural history '59 p390-2

Ecology

- Barbehenn, K. R. Spatial and population relationships between microtus and blarina. *Ecology* 39:303-4 Ap '58
- Bergmann, Arno. Die grossschmetterlinge Mitteldeutschlands, unter besonderer berücksichtigung der formenbildung, der vegetations- und der lebensgemeinschaften in Thüringen sowie der verflechtung mit der fauna Europas; nach eigenen beobachtungen und versuchen sowie mit verwendung von beiträgen von Arthur Petry und zahlreichen thüringischen entomologen. Urania-verlag '51-'55 5v v 1. p9-83; v4, p 14-15
- Dunbar, M. J. Determinants of production in northern seas: a study of the biology of the thimble shrimp *Libinia* Mandt. *Can J Zool* 35: 818-19 D '57
- Elton, C. S. and Miller, R. S. Ecological survey of animal communities: with a practical system of classifying habitats by structural characters. *J Ecol* 42:494-6 J1 '54
- Finley, Robert B. Wood rats of Colorado: distribution and ecology. (Pubs. v 10, no6) Museum of natural history, Univ. of Kan. '58 p547-52
- Frank, P. W. and others. Vital statistics of laboratory cultures of daphnia pulex DeGeer as related to density. *Physiol Zool* 30:304-5 O '57
- Franz, Herbert, and others. Die Nordost-Alpen im spiegel ihrer landtierwelt; eine gebietsmonographie, umfassend fauna, faunengeschichte, lebensgemeinschaften und beeinflussung der tierwelt durch den menschen. Universitätsverlag Wagner '54 incl bibliog
- Gislén, Torsten, and Kauri, Hans. Zoogeography of the Swedish amphibians and reptiles; with notes on their growth and ecology. (Stockholm. Nordiska museet. Acta vertebratica, v 1. no3) Almqvist '59 p385-97
- Hodgson, El. S. Problems in invertebrate chemoreception. *Q R Biol* 30:344-7 D '55
- Illinois. University. Physical environment unit. Controlled atmospheric environment in relation to people, animals and plants; a list of pubs. by staff members of the Univ. of Ill. and the State natural history survey division. The university '57 43p
- Koford, Carl Buckingham. Prairie dogs, whitefaces, and blue grama. (Wildlife monographs, no3) Wildlife soc. '58 p76-8
- Macfadyen, Amyan. Animal ecology; aims and methods. (Zoology ser) Pitman '57 incl bibliog
- Neal, Ernest Gordon. Woodland ecology. (Scholarship ser. in biology) Harvard univ. press '58 p 109-13
- Økland, Fridthjof Johannes. Generell dyregeografi. Aschehoug '55 p 146-56
- Romer, A. S. Tetrapod limbs and early tetrapod life. *Evolution* 12:368-9 S '58
- Stout, J. D. Reaction of ciliates to environmental factors. *Ecology* 37:189-91 Ja '56
- United Nations educational, scientific and cultural organization. Human and animal ecology; reviews of research. *Ecologie humaine et animale; compte rendu de recherches*. (Arid zone research, no8) UNESCO '57 244p

- Urquhart, Frederick Albert, ed. Changes in the fauna of Ontario. Univ. of Toronto press '57 incl bibliog
- Wetzel, R. M. Mammalian succession on midwestern floodplains. *Ecology* 39:270-1 Ap '58
- Whittaker, R. H. and Fairbanks, C. W. Study of plankton copepod communities in the Columbia basin, southeastern Washington. *Ecology* 39:62-5 Ja '58
- Wissmann, H. von. Ursprungsherde und ausbreitungswege von pflanzen- und tierzucht und ihre abhängigkeit von der klimageschichte. *Erdkunde* 11:189-93 Ag '57
- Woodmansee, R. A. Seasonal distribution of the zooplankton off Chicken Key in Biscayne bay, Florida. *Ecology* 39:261-2 Ap '58
- Zweifel, Richard George. Ecology, distribution, and systematics of frogs of the rana boylei group. (Calif. Univ. Pubs. in zoology, v54, no4) Univ. of Calif. press '55 p274-6

See also

- Acclimatization
Aggregation (biology)
Animal sociology
Birds—Ecology
Fish—Ecology
Fresh water ecology
Insects—Ecology
Marine ecology
Shore water fauna
Shore water flora
Struggle for existence

Geographical distribution

- See Animals—Geographical distribution

History

- Wendt, Herbert. Auf Noahs spuren; die entdeckung der tiere. Grote '56 p556-60

Nomenclature

- International commission on zoological nomenclature. Official index of rejected and invalid works in zoological nomenclature, ed. by Francis Hemming; assisted by Diana Noakes. The commission '58 1v
- Mayr, Ernst, and others. Methods and principles of systematic zoology. (McGraw-Hill pubs. in the zoological sciences) McGraw '53 p285-99
- Prantl, Ferdinand. Pravidla a zásady zoologické a paleontologické nomenklatury. Nakl. Československé akademie věd '53 p93-7

Alaska

- Cahalane, Victor H. Biological survey of Katmai national monument. (Smithsonian misc. colls. v 138, no5) Smithsonian inst. '59 p229-31

Alps

- Franz, Herbert, and others. Die Nordost-Alpen im spiegel ihrer landtierwelt; eine gebietsmonographie, umfassend fauna, faunengeschichte, lebensgemeinschaften und beeinflussung der tierwelt durch den menschen. Universitätsverlag Wagner '54 incl bibliog

Austria

- Franz, Herbert, and others. Die Nordost-Alpen im spiegel ihrer landtierwelt; eine gebietsmonographie, umfassend fauna, faunengeschichte, lebensgemeinschaften und beeinflussung der tierwelt durch den menschen. Universitätsverlag Wagner '54 incl bibliog

Canada

- Urquhart, Frederick Albert, ed. Changes in the fauna of Ontario. Univ. of Toronto press '57 incl bibliog

Czechoslovakia

- Klíč zvířeny ČSR; napsal: Sergěj Hrabě [et al] (Československá akad. věd. Sekce biologická. Studie a prameny, v 13) Nakl. Československé akad. věd '54-'57 2v

Europe

- Lindroth, Carl Hildebrand. Faunal connections between Europe and North America. Wiley '57 incl bibliog

Germany (Democratic Republic, 1949-)

- Zentralinstitut für bibliothekswesen. Tiere sehen uns an; ein bücherverzeichnis; [erarbeitet von Erika Bothe] Verlag für buch- & bibliothekswesen '55 '56p

ZOOLOGY—Continued

Great Lakes region

- Van Oosten, John. Great Lakes fauna, flora and their environment; a bibliography. Great Lakes comm. '57 '86p

North America

- Lindroth, Carl Hildebrand. Faunal connections between Europe and North America. Wiley '57 incl bibliog

Russia

- Berg, Lev Semenovich. Die geographischen zonen der Sowjetunion. Teubner '58 incl bibliog

South Africa

- Hanström, Bertil, and others, eds. South African animal life; results of the Lund univ. expedition in 1950-1951. Almqvist '55-'56 4v incl bibliog
- Macnae, W. Ecology of plants and animals in the intertidal regions of the Zwartkops estuary, near Port Elizabeth, South Africa. J Ecol 45:385-7 J1 '57
- Theiler, G. Zoological survey of the Union of South Africa. Onderstepoort J Vet Res 27: 248-9, 259-60, 266 O '56

South Carolina

- Batson, Wade Thomas, and others. Ecological study of the fauna and flora of the Savannah River plant area. (S.C. Univ. Pubs. Ser3: Biology, v2, no3) Dept. of biology, Univ. of S.C. '58 incl bibliog

Tanganyika

- Salt, G. Contribution to the ecology of upper Kilimanjaro. J Ecol 42:422-3 J1 '54

Utah

- Woodbury, Angus Munn, and others. Ecological studies of flora and fauna in Glen canyon. (Utah. Univ. Dept. of anthropology. Anthropological papers, no40; Glen Canyon ser, no7) Univ. of Utah press '59 incl bibliog

Washington (state)

- Buechner, H. K. Some biotic changes in the state of Washington, particularly during the century 1853-1953. Res Stud St Coll Wash 21:187-92 Je '53

ZOOLOGY, Economic

- United States. Wildlife research laboratory, Denver. Publications, 1941-1950. Branch of wildlife research, Fish and wildlife service, U.S. Dept. of the interior '52 13p

See also

- Agricultural pests
Domestic animals
Fur bearing animals

ZOOLOGY, Medical

- United States. Department of agriculture. Index catalogue of medical and veterinary zoology; sup 11-10] U.S. Gov. ptg. office '53-'60 10v

ZOOZOSES. See Communicable diseases in animals

ZOOPLANKTON. See Plankton

ZOROASTRIANISM

- Duchesne-Guillemin, Jacques. Western response to Zoroaster. (Ratanbai Katrak lectures, 1956) Oxford '58 p 105-12

See also

Mithraism

ZORRILLA DE SAN MARTIN, Juan, 1855-1931

- Ibáñez, Roberto. Originales y documentos de Zorrilla de San Martín; exposición, 28 de diciembre de 1955-5 de enero de 1956. Salón de actos del teatro Solís; índice crítico. Inst. nacional de investigaciones y archivos literarios, Uruguay. Ministerio de instrucción pública y previsión social '55 102p

- Zorrilla de San Martín, Juan. Páginas olvidadas de Zorrilla de San Martín insertas en La Estrella de Chile, Santiago, 1874-1877; comp. y prólogo de Alfonso M. Escudero. (Ser3: Compilaciones y ediciones críticas, 1) Uruguay. Inst. nacional de investigaciones y archivos literarios '56 p8-14

ZSCHOKKE, Heinrich, 1771-1848

- Dietsch, Emil. Heinrich Zschokkes rechts- und staatsdenken. (Zürcher beiträge zur rechtswissenschaft, new ser, no204) Sauerländer '57 p 17-36

ZWEIG, Arnold, 1887-

- Zweig, Arnold. Sinn und form; beiträge zur literatur; hrsg. von der Deutschen akademie der künste. Rütten & Loening '52 p280-301

ZWINGLI, Ulrich, 1484-1531

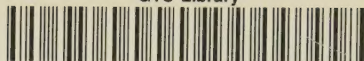
- Locher, Gottfried Wilhelm. Die theologie Huldrych Zwinglis im lichte seiner Christologie; v 1. Die gotteslehre. (Studien zur dogmengeschichte und systematischen theologie, v 1) Zwingli-verlag '52 p 170-8
- Pfister, D. Die Zwingliforschung seit 1945. Archiv Reformationsgesch 48 no2:230-40 '57

ZYLSTRA, Henry, 1909-1956

- Zylstra, Henry. Testament of vision. Eerdmans '58 p229-34

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